

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127382.D
 Acq On : 17 Mar 2022 18:14
 Operator : CG\JU
 Sample : N1979-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT4743

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127382.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.492	541	545	563	rBV	2635192	2584293	54.16%	4.757%
2	6.504	712	717	720	rBV	2494064	2636084	55.24%	4.852%
3	6.863	775	778	782	rBV	727726	621617	13.03%	1.144%
4	7.433	870	875	878	rBV	1847511	1829793	38.34%	3.368%
5	8.151	993	997	999	rBV	875349	842636	17.66%	1.551%
6	8.169	999	1000	1006	rVB	401011	270430	5.67%	0.498%
7	8.863	1114	1118	1121	rBV	889490	696137	14.59%	1.281%
8	8.963	1130	1135	1138	rBV	536146	461462	9.67%	0.849%
9	9.227	1173	1180	1183	rBV	3029021	2763350	57.91%	5.087%
10	9.322	1194	1196	1200	rVB	251972	213475	4.47%	0.393%
11	9.422	1210	1213	1218	rVB	167448	186494	3.91%	0.343%
12	9.492	1218	1225	1228	rBV	259925	356193	7.46%	0.656%
13	9.533	1228	1232	1234	rVV2	294895	248704	5.21%	0.458%
14	9.563	1234	1237	1239	rVV	382200	392661	8.23%	0.723%
15	9.586	1239	1241	1247	rVB	230746	233558	4.89%	0.430%
16	9.680	1254	1257	1263	rVB	181658	190739	4.00%	0.351%
17	9.763	1269	1271	1275	rVB2	111482	91732	1.92%	0.169%
18	9.886	1289	1292	1293	rBV	148231	119800	2.51%	0.221%
19	9.910	1293	1296	1298	rVV	827780	794276	16.64%	1.462%
20	9.945	1298	1302	1305	rVB	2871060	2485790	52.09%	4.576%
21	10.010	1310	1313	1318	rVV2	101438	167733	3.51%	0.309%
22	10.063	1318	1322	1326	rVV2	179122	181821	3.81%	0.335%
23	10.116	1326	1331	1334	rVV	1367669	1289105	27.01%	2.373%
24	10.145	1334	1336	1340	rVB	130504	103941	2.18%	0.191%
25	10.222	1345	1349	1352	rBV	102962	102277	2.14%	0.188%
26	10.251	1352	1354	1357	rVV	91023	69279	1.45%	0.128%
27	10.310	1360	1364	1366	rVV	76552	101004	2.12%	0.186%
28	10.457	1385	1389	1393	rVV	1984317	1824677	38.24%	3.359%
29	10.522	1394	1400	1401	rVV	262847	332413	6.97%	0.612%
30	10.539	1401	1403	1406	rVV	335058	305968	6.41%	0.563%
31	10.580	1406	1410	1413	rVV3	209168	398663	8.35%	0.734%
32	10.610	1413	1415	1420	rVB	337273	310174	6.50%	0.571%
33	10.669	1420	1425	1427	rBV3	42559	83372	1.75%	0.153%
34	10.698	1427	1430	1434	rVV	1600507	1594540	33.41%	2.935%
35	10.745	1436	1438	1441	rVB	87453	70744	1.48%	0.130%
36	10.827	1448	1452	1457	rVB2	179532	228481	4.79%	0.421%

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Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.886	1457	1462	1464	rBV2	132644	236352	4.95%	0.435%
38	10.916	1464	1467	1470	rVV3	101999	161920	3.39%	0.298%
39	10.945	1470	1472	1475	rVV2	102163	115396	2.42%	0.212%
40	11.004	1478	1482	1484	rVV3	245166	256686	5.38%	0.472%
41	11.033	1484	1487	1489	rVV2	97571	112889	2.37%	0.208%
42	11.057	1489	1491	1494	rVV2	90989	100077	2.10%	0.184%
43	11.086	1494	1496	1499	rVB2	86278	85626	1.79%	0.158%
44	11.210	1514	1517	1520	rVB	100508	89581	1.88%	0.165%
45	11.251	1520	1524	1529	rVV2	124177	199686	4.18%	0.368%
46	11.298	1529	1532	1538	rVB	484831	448560	9.40%	0.826%
47	11.404	1543	1550	1551	rBV	646836	674078	14.13%	1.241%
48	11.433	1551	1555	1558	rVV	4234182	4771945	100.00%	8.784%
49	11.480	1558	1563	1566	rVV	1002167	945558	19.81%	1.741%
50	11.510	1566	1568	1573	rVB	124460	128938	2.70%	0.237%
51	11.633	1584	1589	1594	rBV2	344135	406034	8.51%	0.747%
52	11.692	1597	1599	1603	rVV2	105015	91814	1.92%	0.169%
53	11.727	1603	1605	1611	rVB3	67686	84431	1.77%	0.155%
54	11.898	1631	1634	1637	rBV	376266	356020	7.46%	0.655%
55	11.927	1637	1639	1643	rVB	528937	431884	9.05%	0.795%
56	11.974	1643	1647	1650	rBV	180721	176553	3.70%	0.325%
57	12.016	1650	1654	1656	rVV2	969637	918549	19.25%	1.691%
58	12.033	1656	1657	1663	rVB	210584	169711	3.56%	0.312%
59	12.192	1681	1684	1687	rBV	275218	240297	5.04%	0.442%
60	12.227	1687	1690	1694	rVB	148412	133408	2.80%	0.246%
61	12.345	1704	1710	1713	rBV2	70748	92864	1.95%	0.171%
62	12.451	1724	1728	1730	rBV	118990	124416	2.61%	0.229%
63	12.486	1730	1734	1737	rVV3	80522	121740	2.55%	0.224%
64	12.545	1740	1744	1747	rBV2	112681	126536	2.65%	0.233%
65	12.621	1752	1757	1760	rBV	3281505	3728970	78.14%	6.864%
66	12.768	1774	1782	1784	rBV2	156242	186116	3.90%	0.343%
67	12.851	1789	1796	1801	rBV2	2472310	3306502	69.29%	6.086%
68	12.892	1801	1803	1807	rVB2	129715	119950	2.51%	0.221%
69	12.986	1811	1819	1821	rBV	2151261	2131625	44.67%	3.924%
70	13.010	1821	1823	1826	rVB	128467	113781	2.38%	0.209%
71	13.057	1827	1831	1836	rBV2	120282	215903	4.52%	0.397%
72	13.151	1843	1847	1848	rBV3	98179	120290	2.52%	0.221%
73	13.174	1848	1851	1854	rVB	470998	405706	8.50%	0.747%
74	13.239	1858	1862	1865	rBV	566281	457079	9.58%	0.841%
75	13.274	1865	1868	1871	rVV2	148269	193802	4.06%	0.357%
76	13.298	1871	1872	1875	rVV	117194	87923	1.84%	0.162%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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77	13.368	1881	1884	1887	rBV	79494	71889	1.51%	0.132%
78	13.410	1887	1891	1896	rBV3	118579	200938	4.21%	0.370%
79	13.657	1929	1933	1935	rBV2	65667	80262	1.68%	0.148%
80	13.792	1953	1956	1959	rBV	189321	175672	3.68%	0.323%
81	13.821	1959	1961	1963	rVV	166383	126446	2.65%	0.233%
82	13.845	1963	1965	1971	rVV3	137292	206492	4.33%	0.380%
83	13.962	1980	1985	1990	rBV	88035	179045	3.75%	0.330%
84	14.010	1990	1993	1995	rVV2	179214	217531	4.56%	0.400%
85	14.039	1995	1998	2002	rVV2	996363	1541658	32.31%	2.838%
86	14.074	2002	2004	2011	rVB	695731	602193	12.62%	1.108%
87	14.151	2014	2017	2020	rBV	230855	175905	3.69%	0.324%
88	14.415	2056	2062	2063	rBV3	129985	226625	4.75%	0.417%
89	14.433	2063	2065	2068	rVV	153446	138838	2.91%	0.256%
90	14.468	2068	2071	2077	rVV3	111343	168342	3.53%	0.310%
91	14.557	2079	2086	2088	rVV2	132606	212314	4.45%	0.391%
92	14.580	2088	2090	2092	rVB	77416	64086	1.34%	0.118%
93	14.657	2100	2103	2108	rVB	88202	89563	1.88%	0.165%
94	14.792	2123	2126	2132	rVB	205050	220671	4.62%	0.406%
95	14.862	2135	2138	2144	rVB2	172834	216644	4.54%	0.399%
96	15.098	2173	2178	2181	rBV	298427	462066	9.68%	0.851%
97	15.404	2226	2230	2236	rVB	141205	178897	3.75%	0.329%
98	15.468	2237	2241	2246	rBV2	175371	241124	5.05%	0.444%
99	15.533	2246	2252	2256	rBV2	313532	407642	8.54%	0.750%
100	15.962	2321	2325	2332	rVB3	39749	67963	1.42%	0.125%

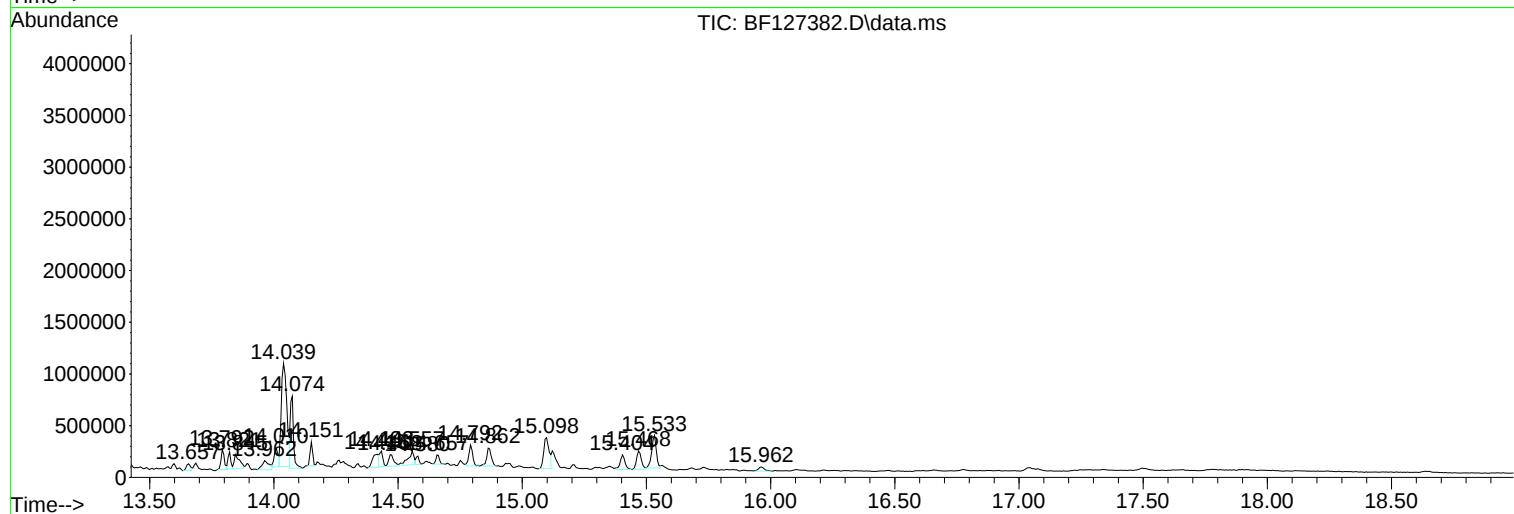
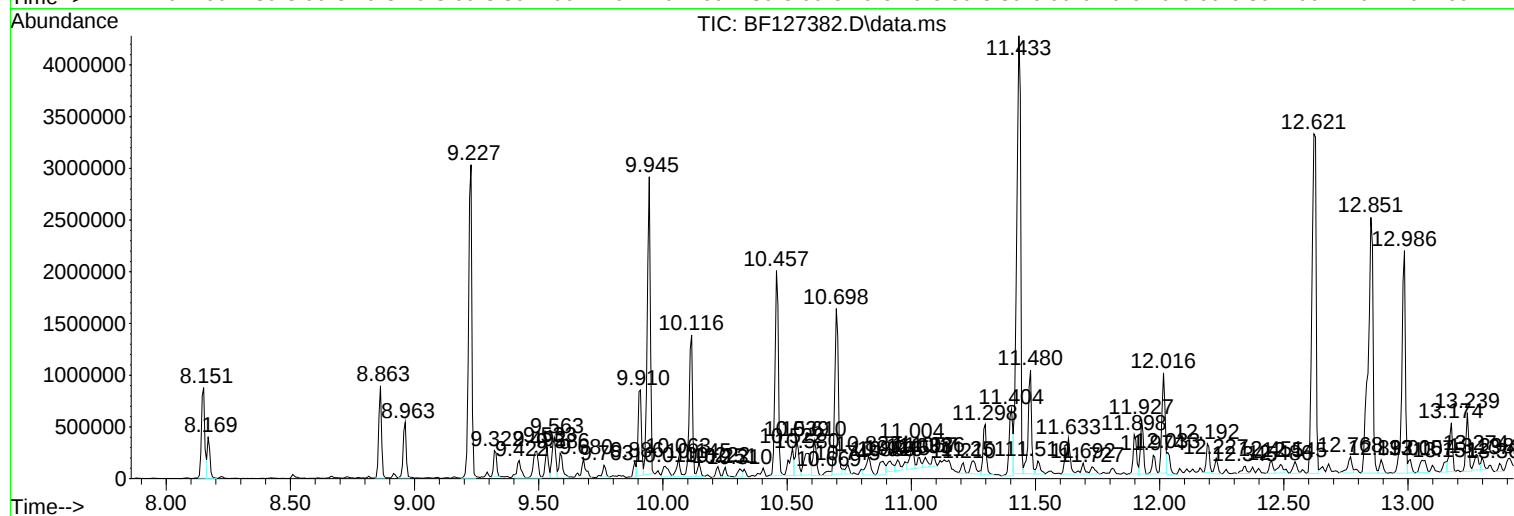
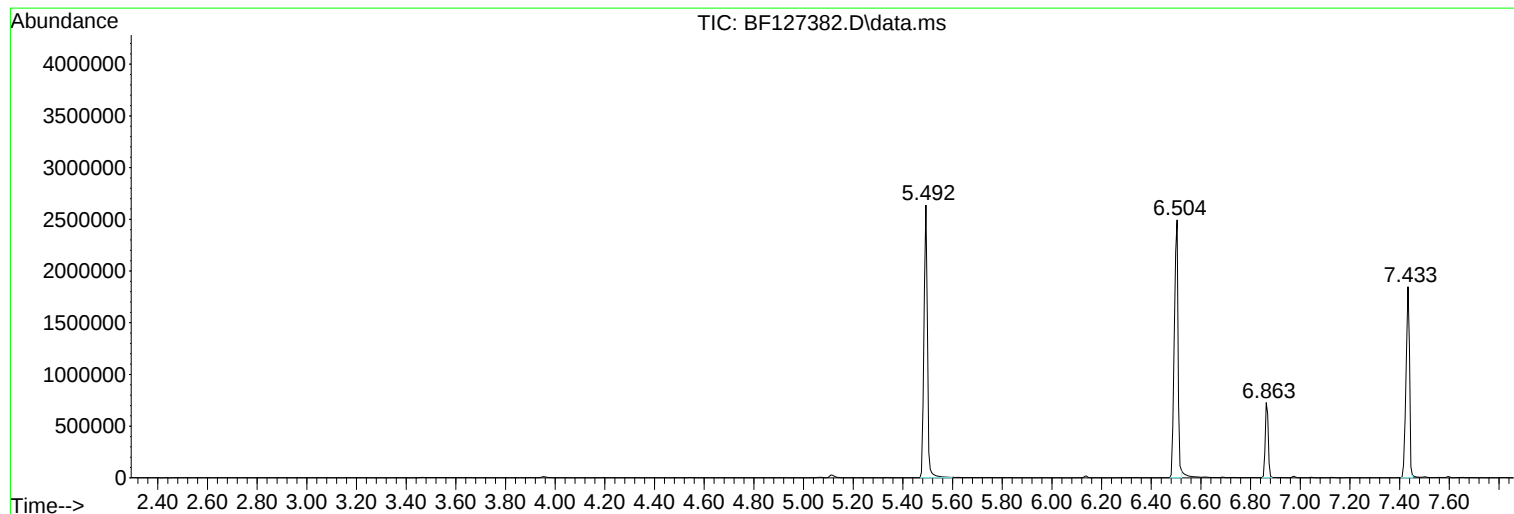
Sum of corrected areas: 54325418

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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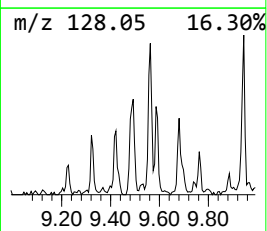
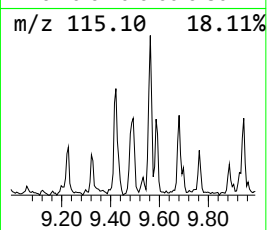
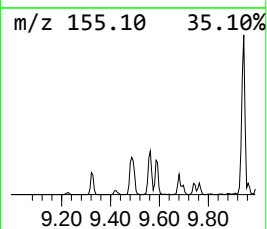
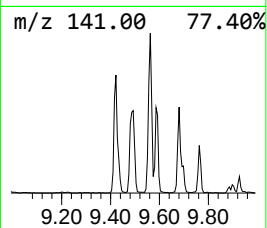
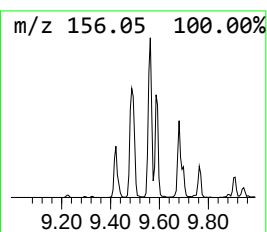
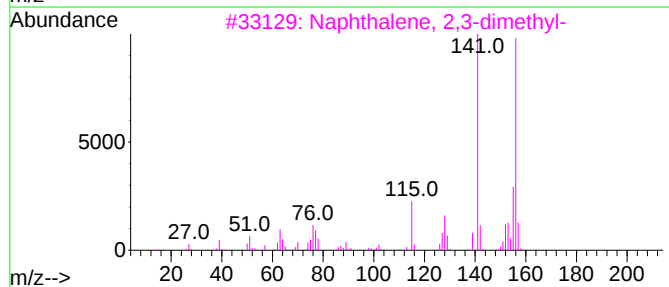
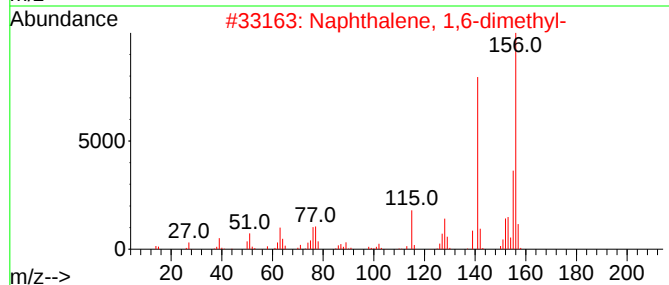
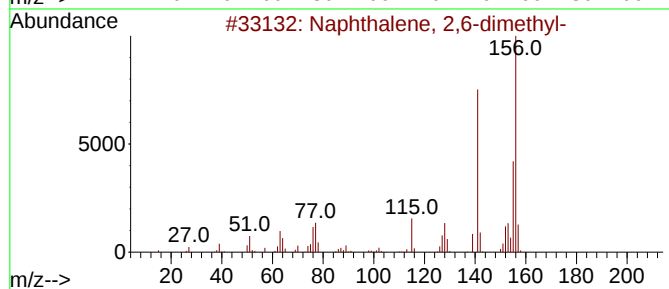
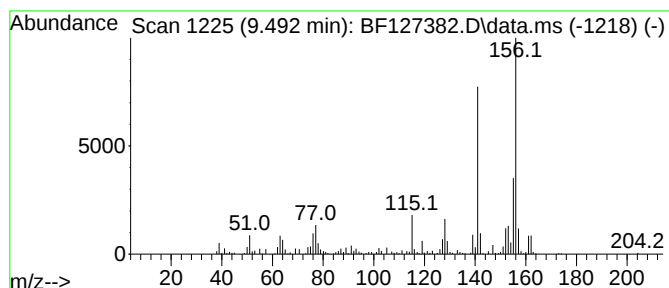
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	8.97 ng	356193	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



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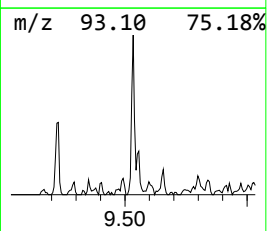
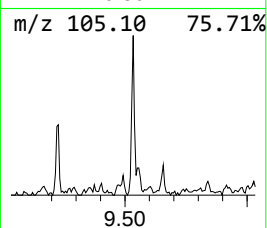
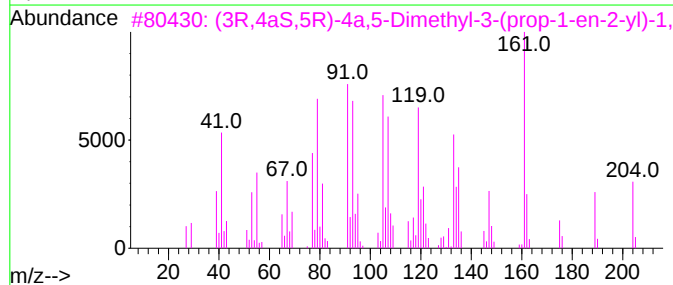
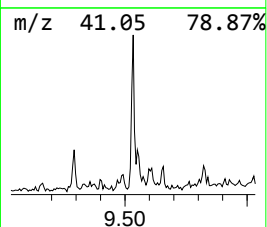
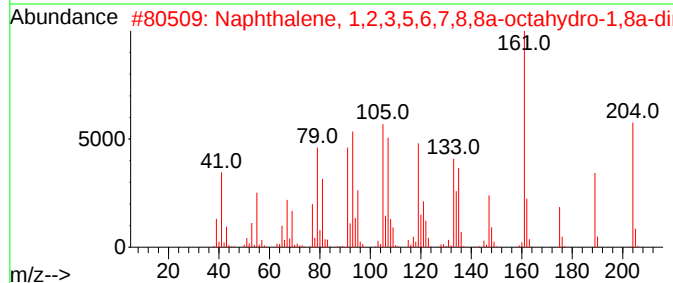
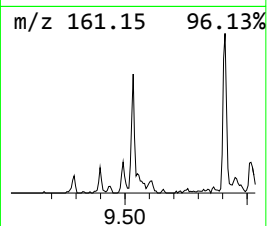
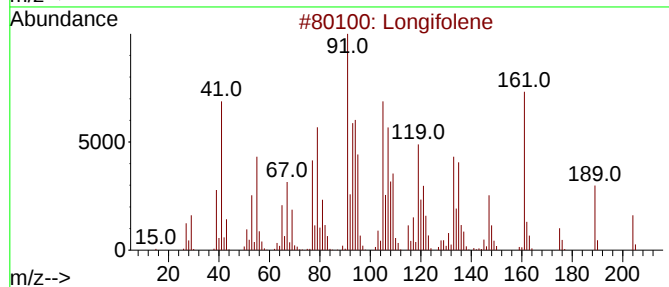
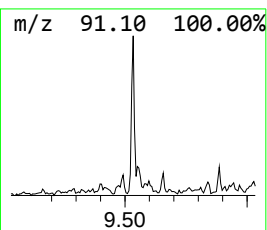
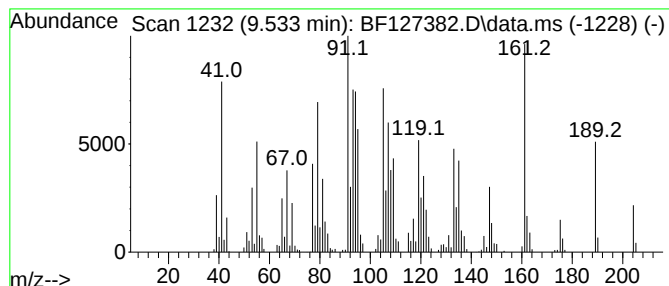
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Longifolene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.533	6.26 ng	248704	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Longifolene	204	C15H24	000475-20-7	99
2			Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	97
3			(3R,4aS,5R)-4a,5-Dimethyl-3-(pro...	204	C15H24	024741-64-8	95
4			Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	91
5			.beta.-Neoclovene	204	C15H24	056684-96-9	87



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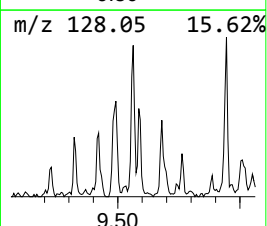
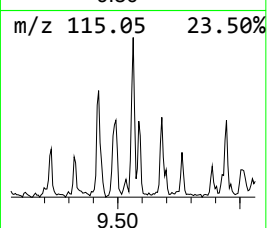
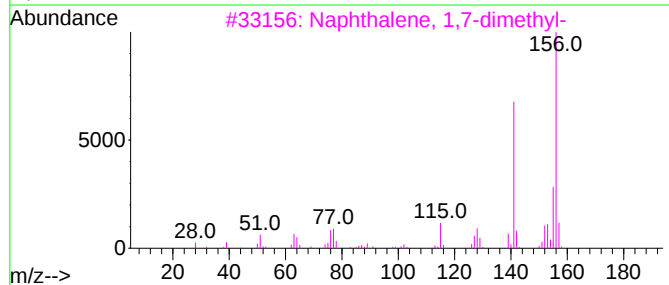
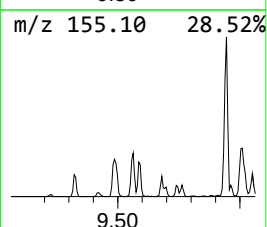
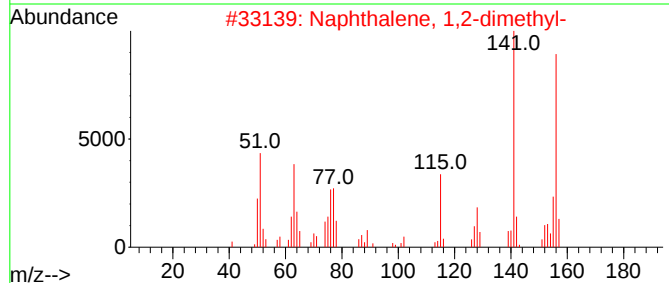
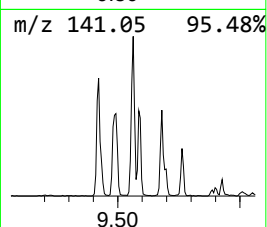
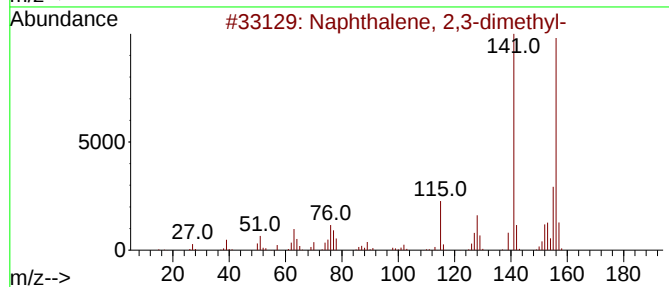
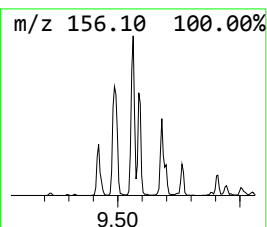
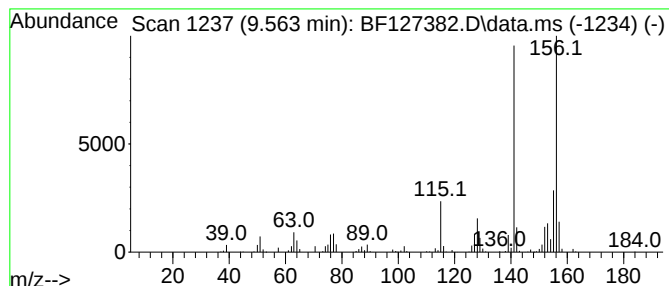
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	9.89 ng	392661	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127382.D
Acq On : 17 Mar 2022 18:14
Operator : CG\JU
Sample : N1979-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

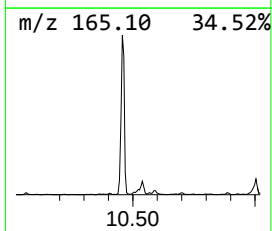
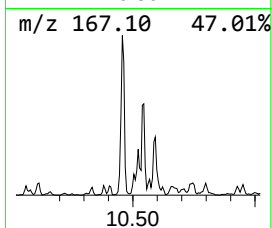
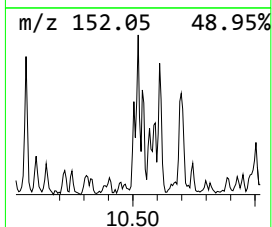
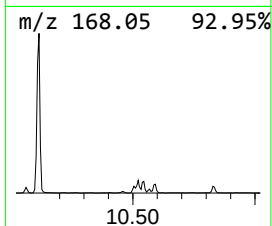
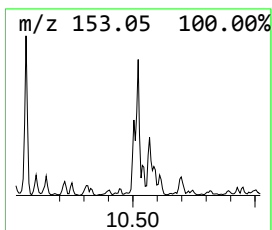
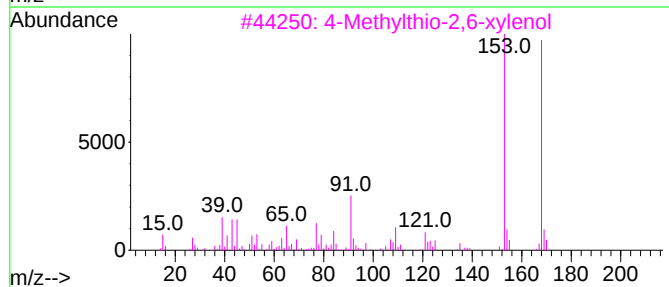
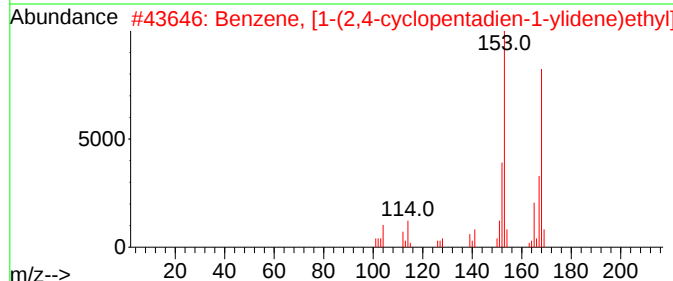
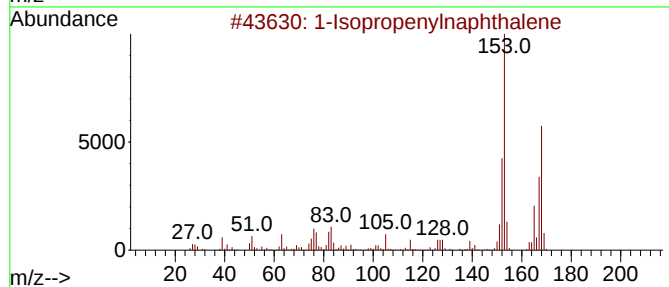
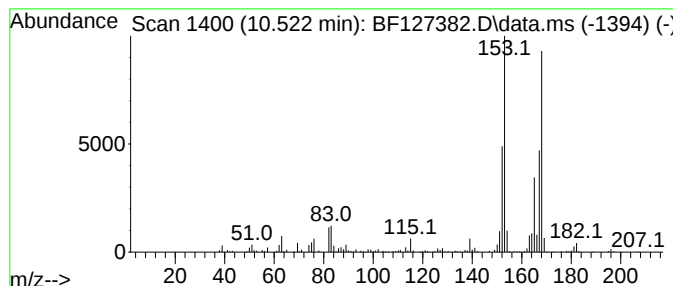
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Isopropenylnaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.522	8.37 ng	332413	Acenaphthene-d10	9.910	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	83
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	64
3	4-Methylthio-2,6-xlenol	168	C9H12OS	007379-49-9	47
4	Diphenylmethane	168	C13H12	000101-81-5	47
5	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127382.D
Acq On : 17 Mar 2022 18:14
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Sample : N1979-01
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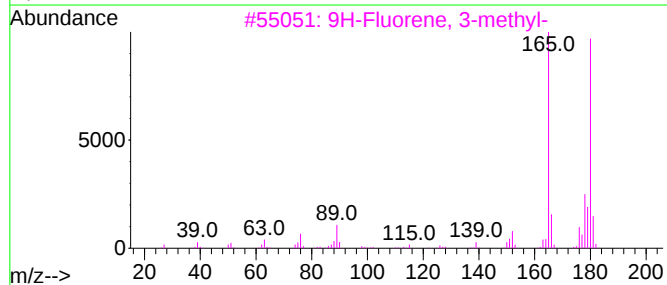
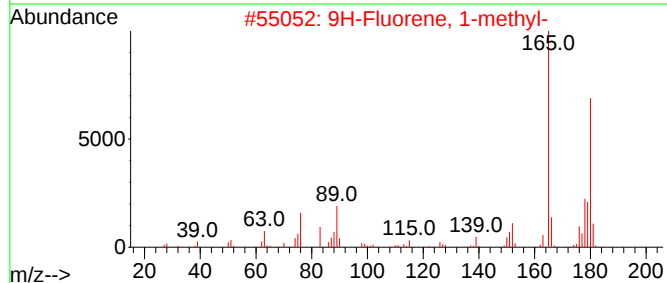
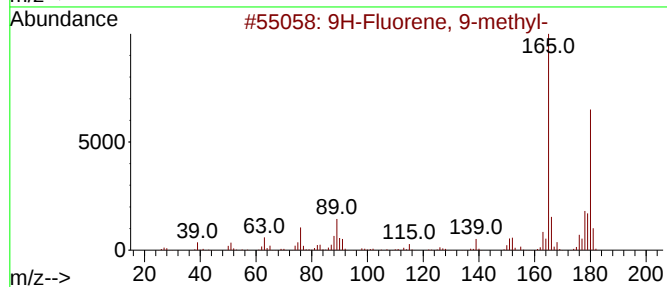
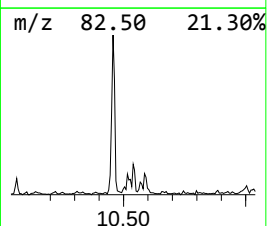
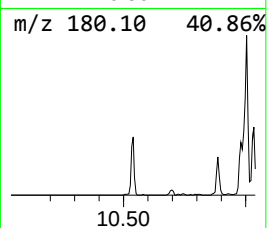
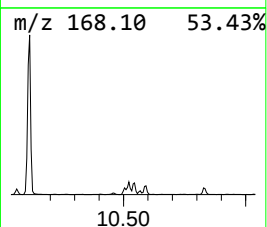
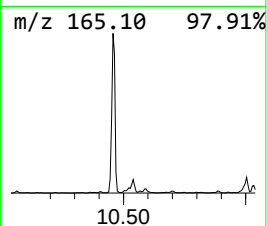
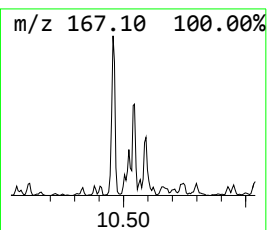
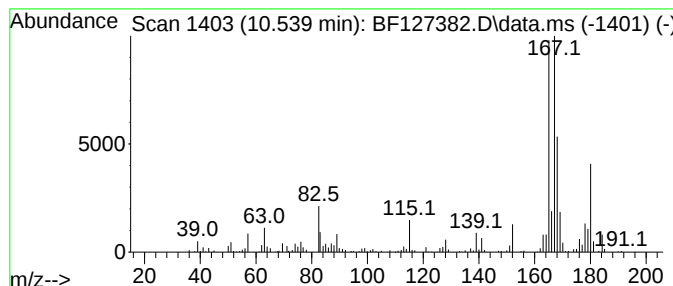
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown10.539 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	7.70 ng	305968	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	46
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	46
3			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	45
4			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	41
5			5-Chloro-3-ethyl-1H-pyrrolo[2,3-...	180	C9H9ClN2	1000486-89-2	38



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Data File : BF127382.D
Acq On : 17 Mar 2022 18:14
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Sample : N1979-01
Misc :
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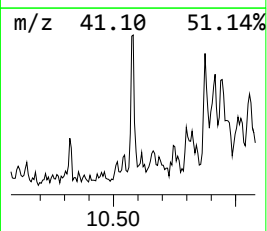
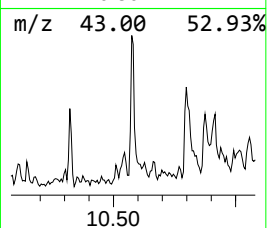
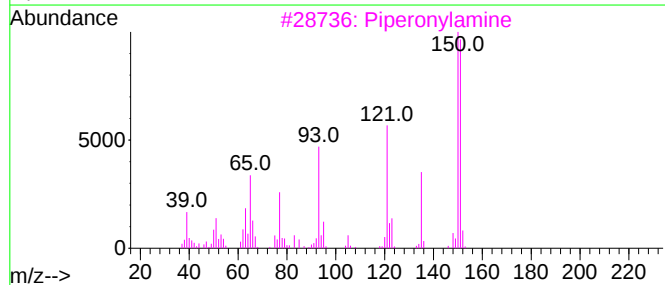
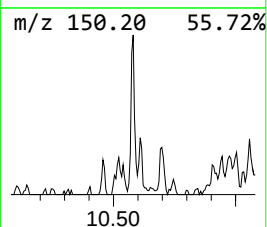
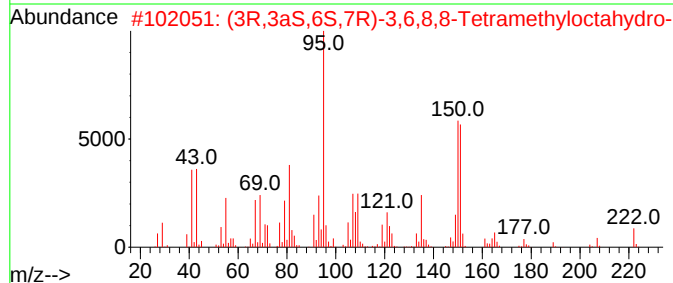
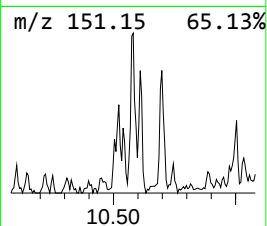
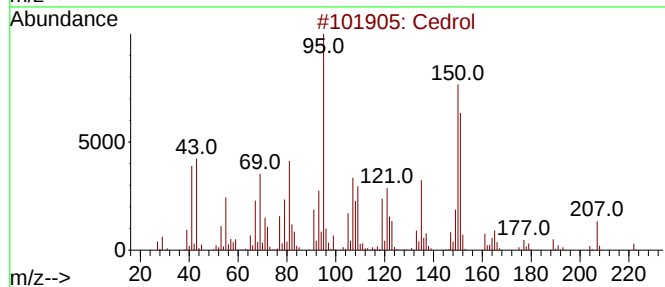
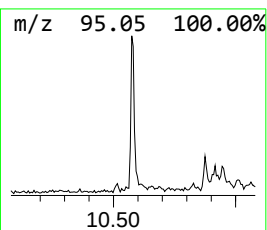
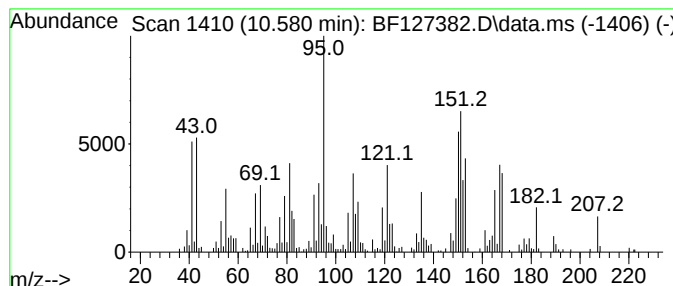
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cedrol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.580	10.04 ng	398663	Acenaphthene-d10	9.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cedrol	222	C15H26O	000077-53-2	95
2		(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	45
3		Piperonylamine	151	C8H9NO2	002620-50-0	44
4		5-Isopropyl-2,8-dimethyl-9-oxatr...	222	C14H22O2	1010185-23-8	25
5		2-Oxatricyclo[3.3.1.1(3,7)]decan...	152	C10H16O	006508-22-1	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
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Acq On : 17 Mar 2022 18:14
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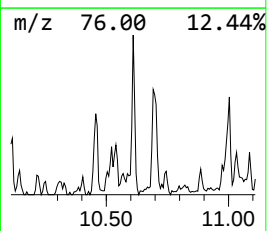
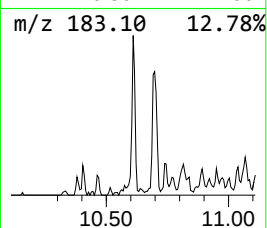
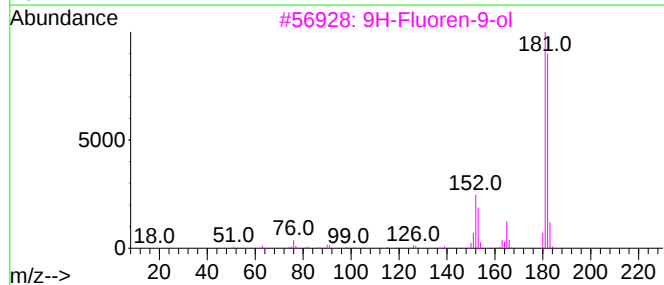
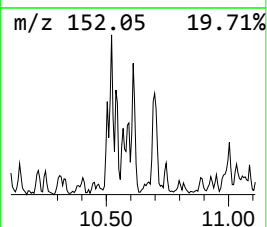
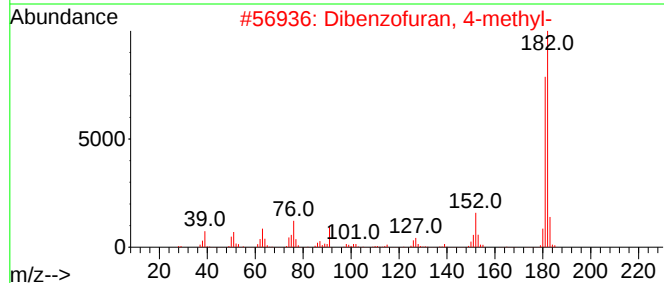
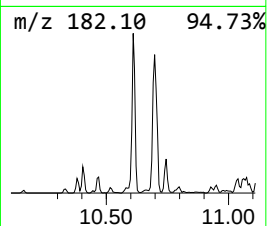
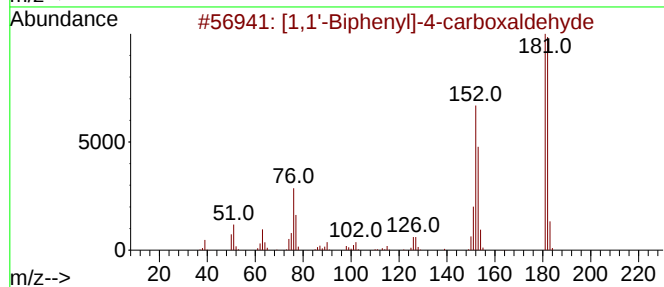
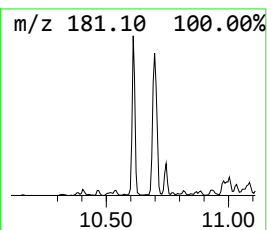
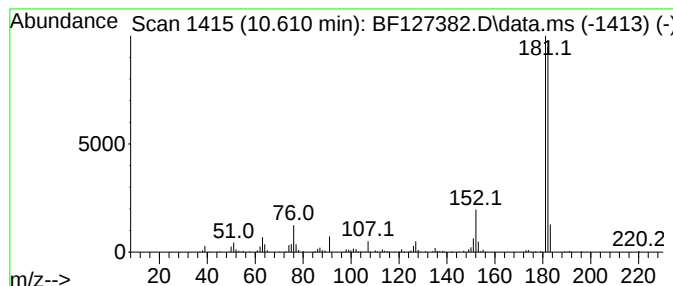
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.610	7.81 ng	310174	Acenaphthene-d10			9.910
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde		182	C13H10O	003218-36-8	78
2	Dibenzofuran, 4-methyl-		182	C13H10O	007320-53-8	76
3	9H-Fluoren-9-ol		182	C13H10O	001689-64-1	72
4	2,4,6-Cycloheptatrien-1-one, 2-p...		182	C13H10O	014562-09-5	64
5	9H-Xanthene		182	C13H10O	000092-83-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127382.D
Acq On : 17 Mar 2022 18:14
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Sample : N1979-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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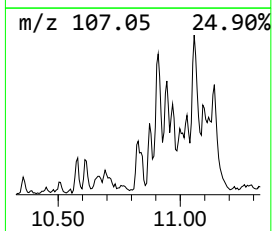
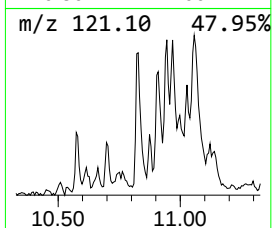
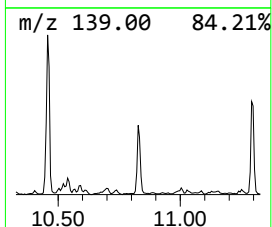
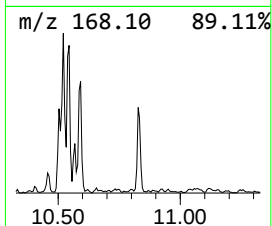
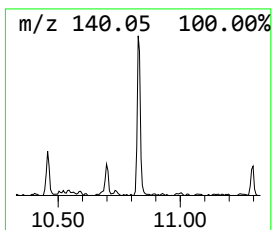
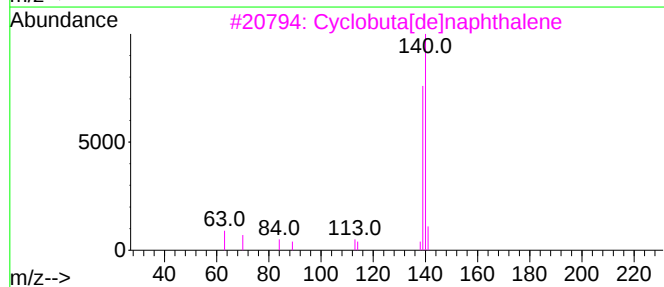
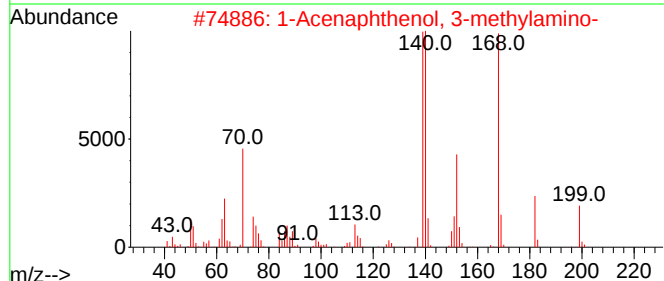
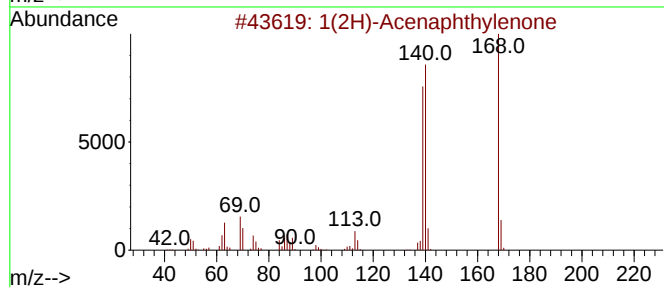
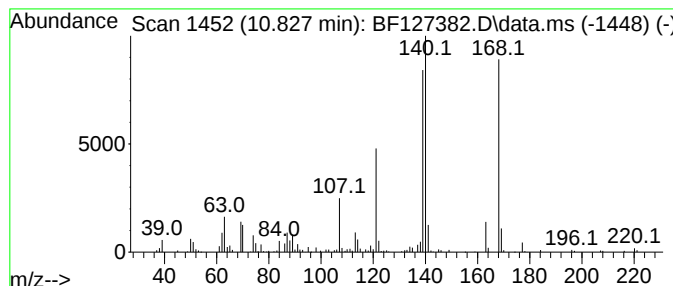
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1(2H)-Acenaphthylenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.827	6.78 ng	228481	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	91
2			1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	80
3			Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	55
4			Dibenzofuran	168	C12H8O	000132-64-9	47
5			7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2O5	017583-10-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127382.D
Acq On : 17 Mar 2022 18:14
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Misc :
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ClientSampleId :
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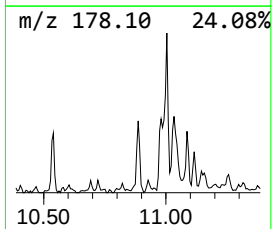
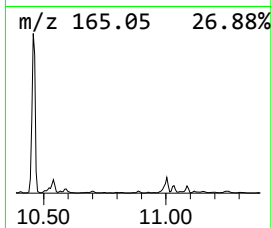
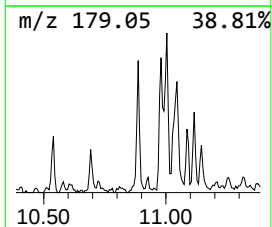
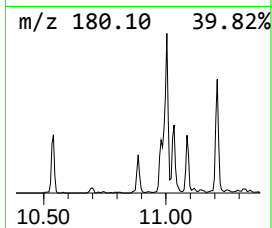
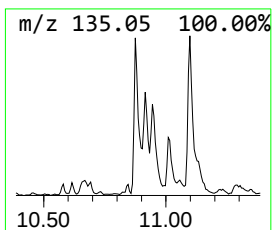
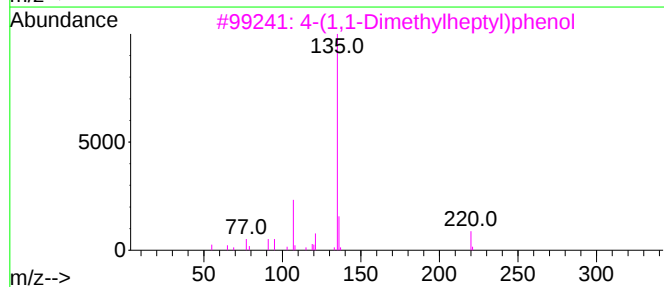
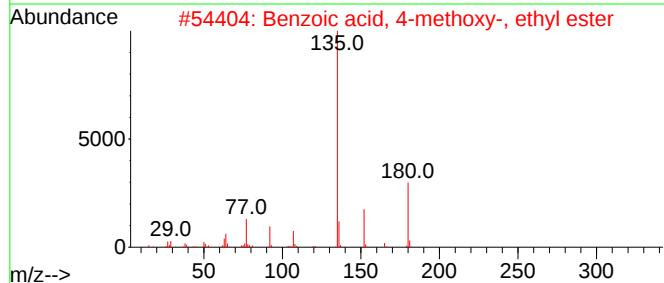
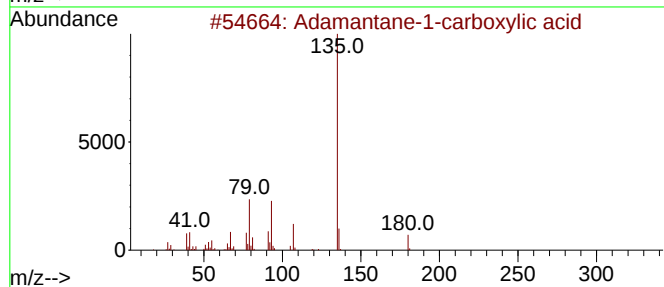
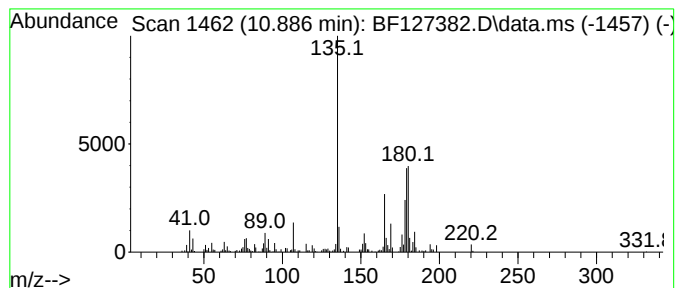
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown10.886 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.886	7.01 ng	236352	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	46
2			Benzoic acid, 4-methoxy-, ethyl ...	180	C10H12O3	000094-30-4	46
3			4-(1,1-Dimethylheptyl)phenol	220	C15H24O	1000384-80-3	38
4			3,4-Methylenedioxyphenyl acetone	178	C10H10O3	004676-39-5	38
5			1-Adamantyl methyl ketone	178	C12H18O	001660-04-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127382.D
Acq On : 17 Mar 2022 18:14
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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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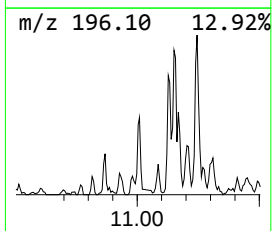
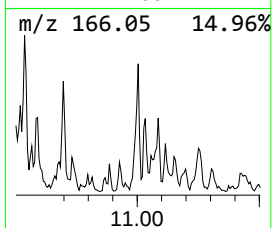
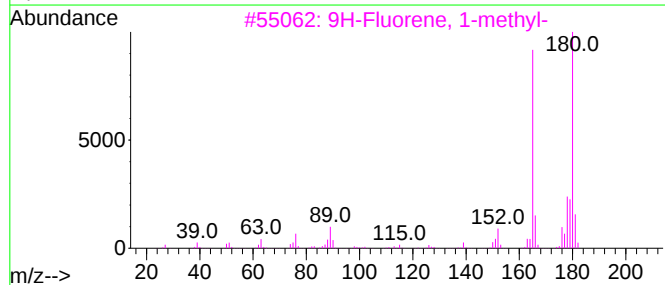
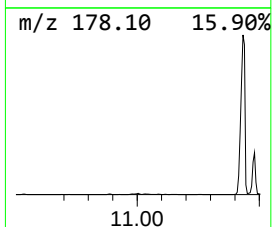
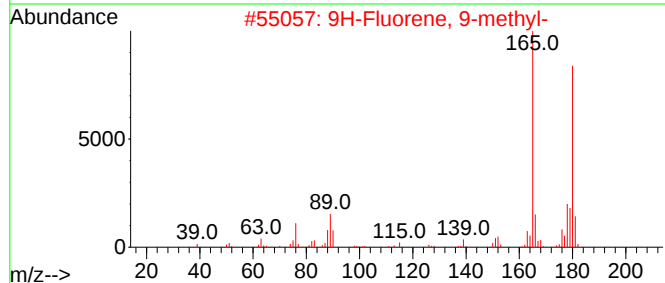
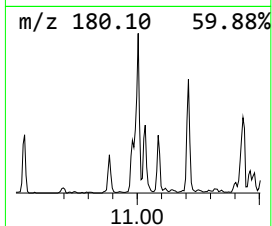
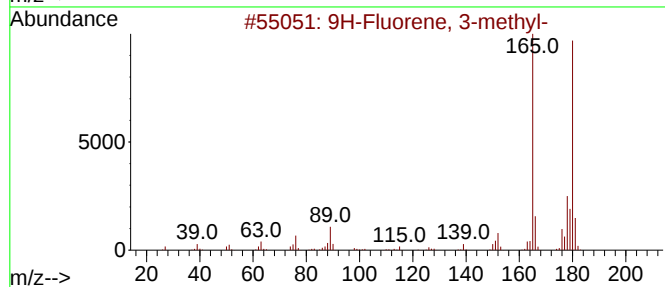
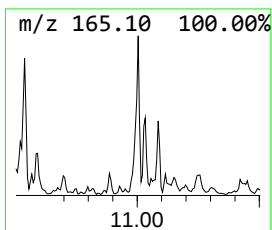
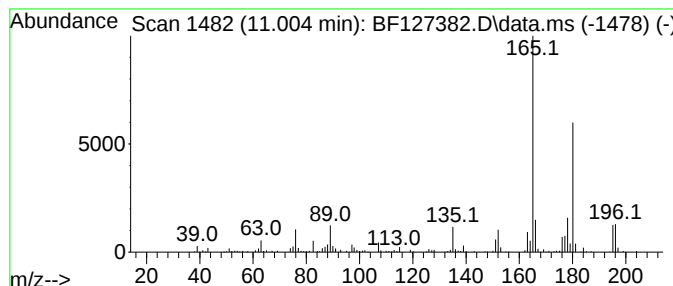
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 9H-Fluorene, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.004	7.62 ng	256686	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76
2		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	68
4		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	68
5		Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127382.D
Acq On : 17 Mar 2022 18:14
Operator : CG\JU
Sample : N1979-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT4743

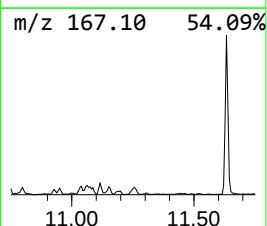
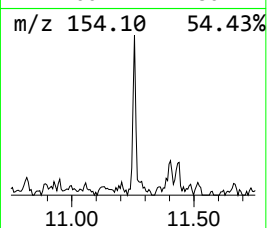
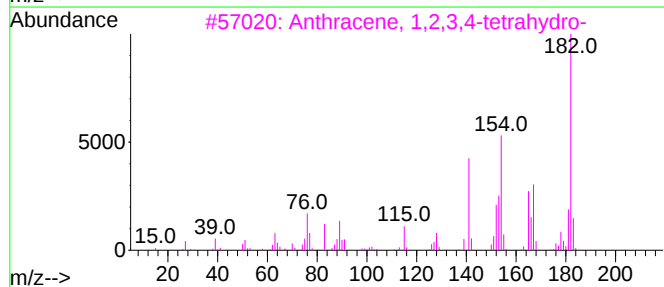
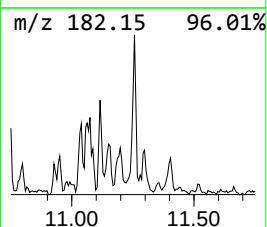
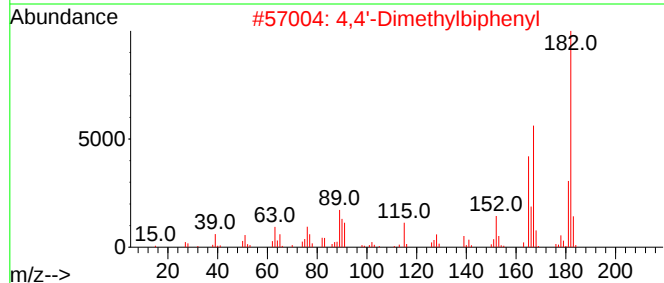
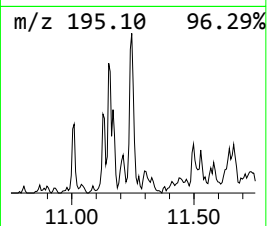
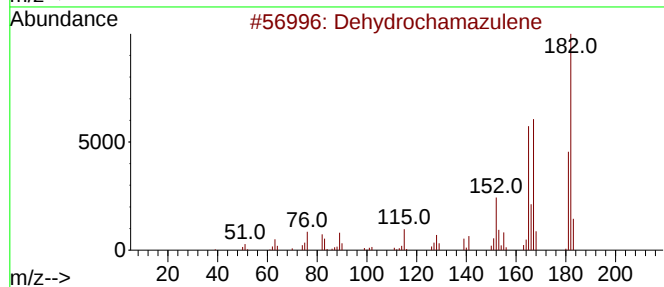
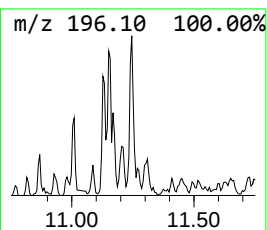
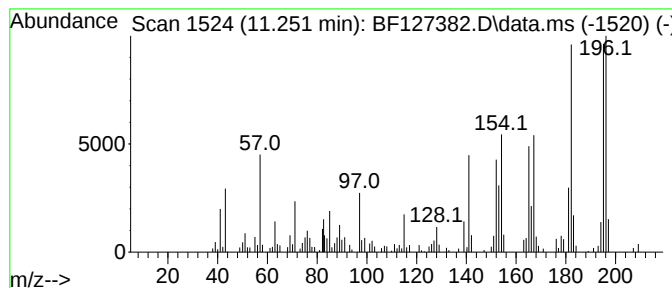
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Dehydrochamazulene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.251	5.92 ng	199686	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dehydrochamazulene	182	C14H14	321732-25-6	55
2			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	55
3			Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	52
4			3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	46
5			4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127382.D
Acq On : 17 Mar 2022 18:14
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Sample : N1979-01
Misc :
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ClientSampleId :
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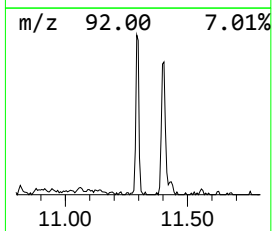
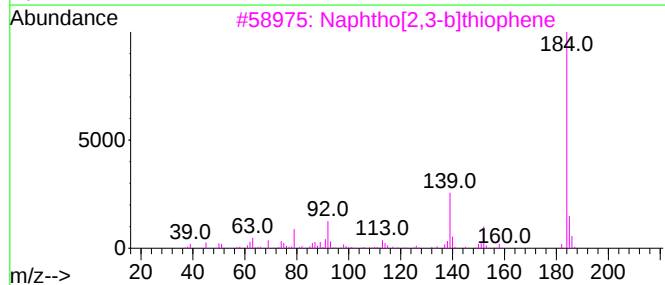
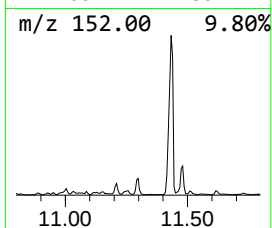
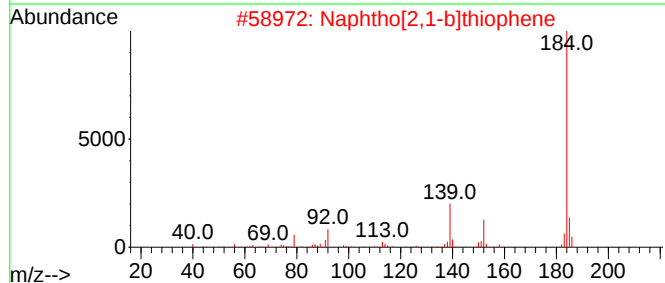
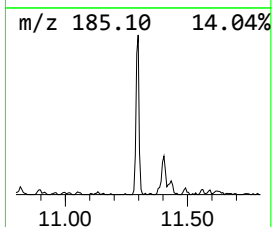
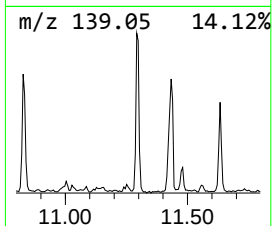
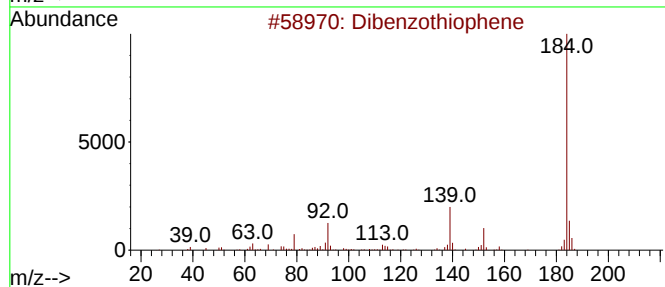
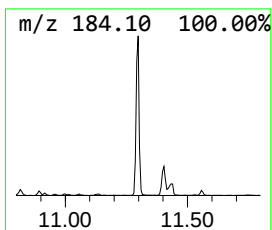
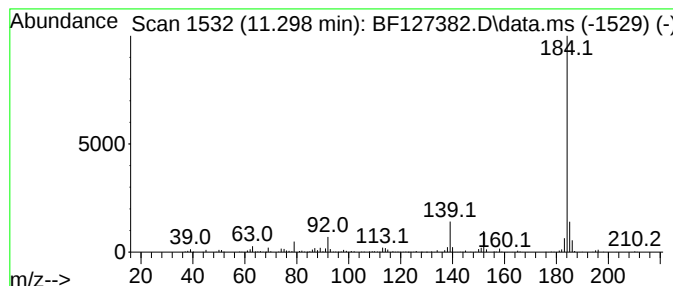
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Dibenzothiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	13.31 ng	448560	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127382.D
Acq On : 17 Mar 2022 18:14
Operator : CG\JU
Sample : N1979-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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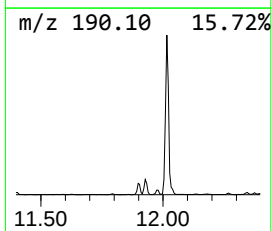
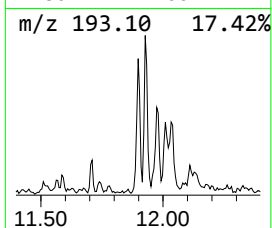
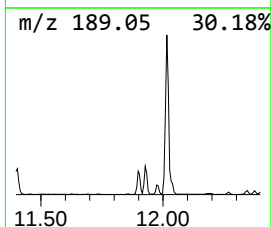
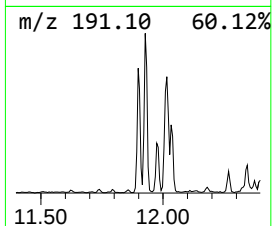
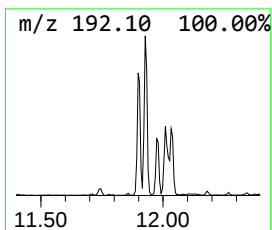
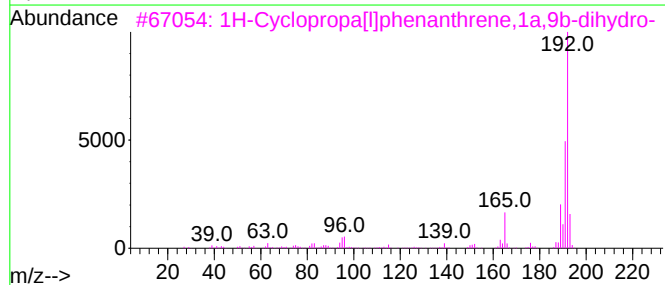
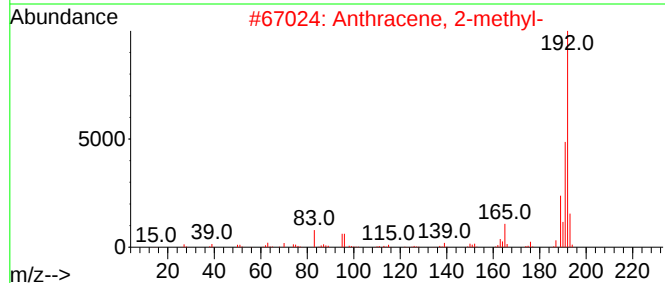
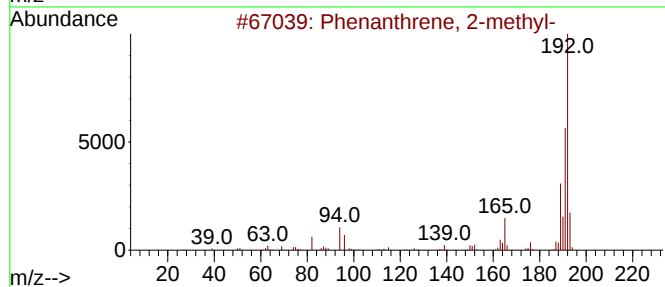
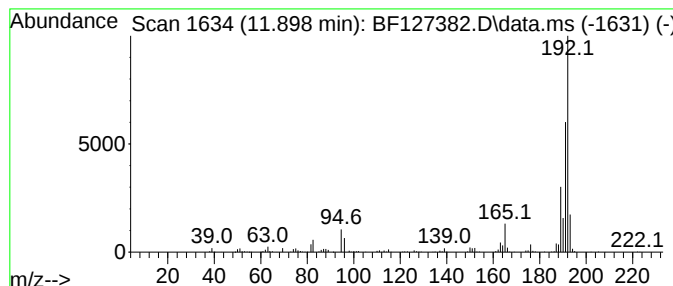
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	10.56 ng	356020	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127382.D
Acq On : 17 Mar 2022 18:14
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Sample : N1979-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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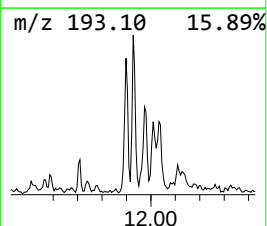
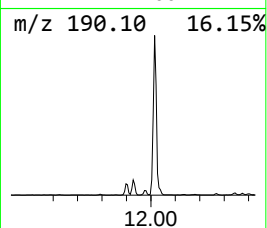
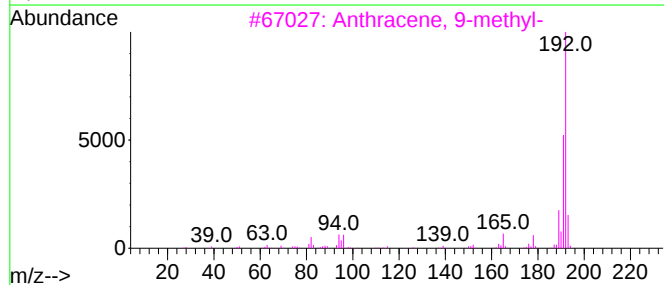
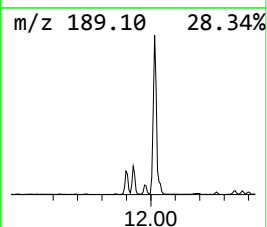
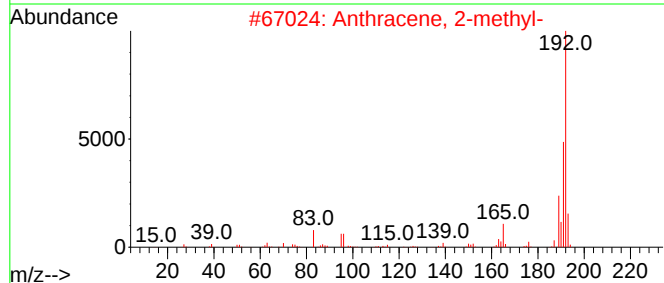
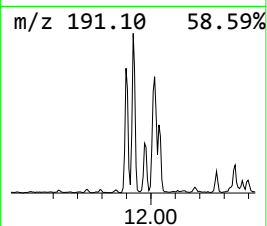
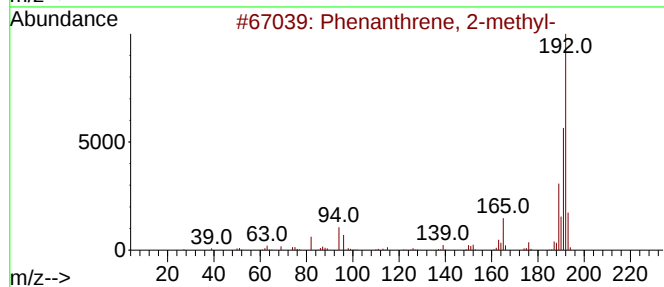
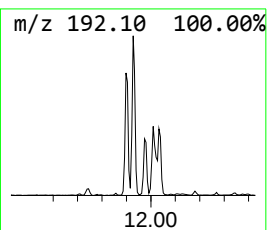
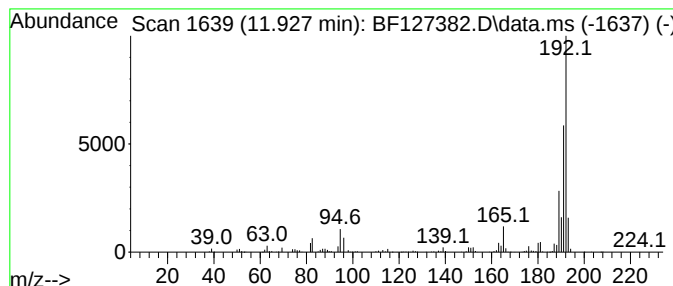
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	12.81 ng	431884	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
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Acq On : 17 Mar 2022 18:14
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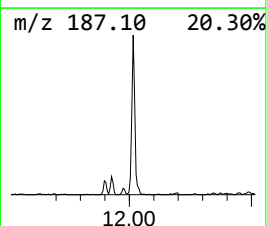
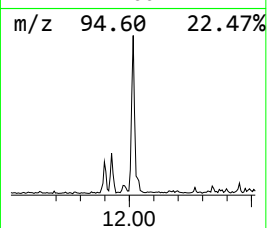
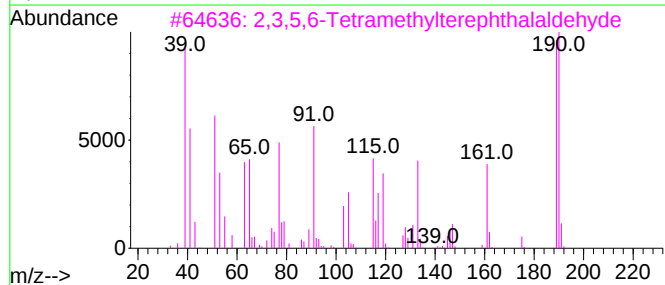
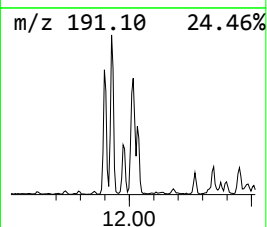
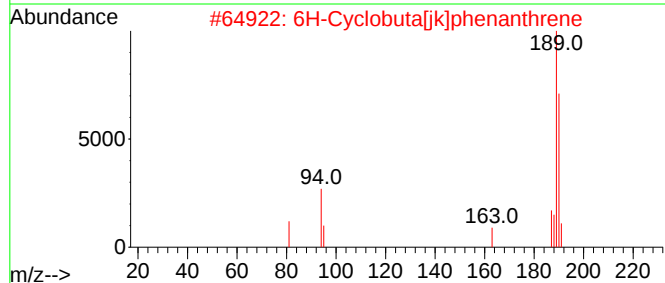
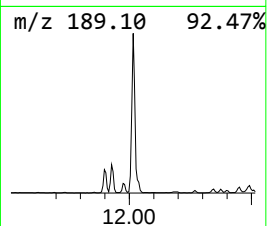
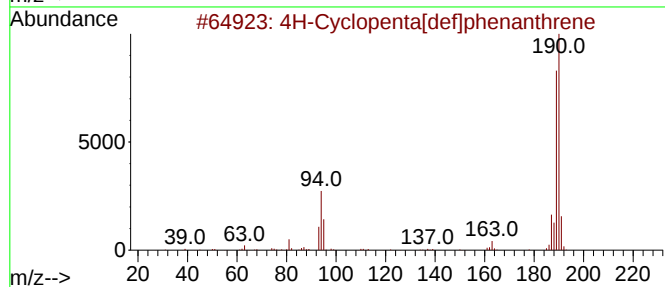
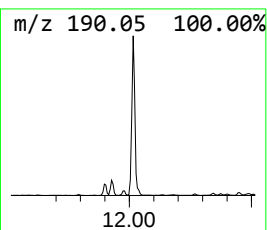
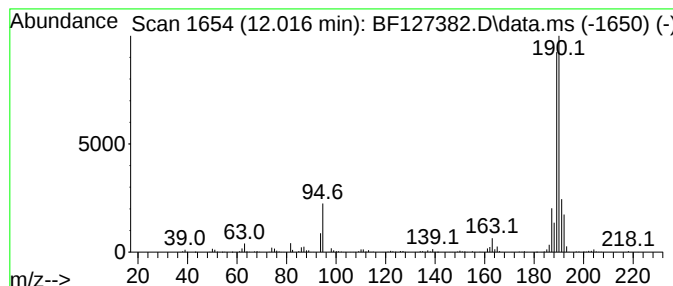
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.015	27.25 ng	918549	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...		190	C12H14O2	007072-01-7	50
4	Methyl diselenide		190	C2H6Se2	007101-31-7	45
5	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127382.D
Acq On : 17 Mar 2022 18:14
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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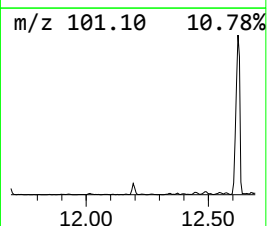
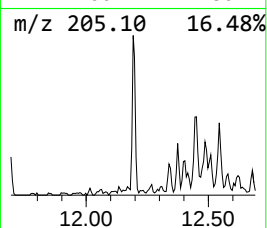
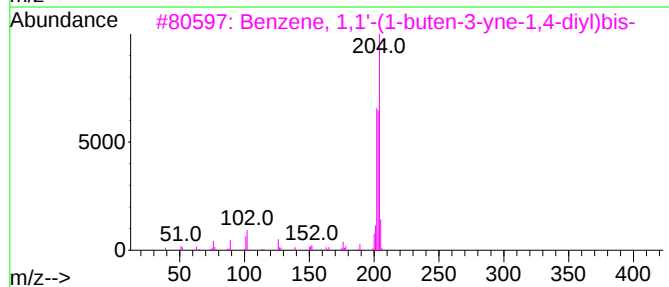
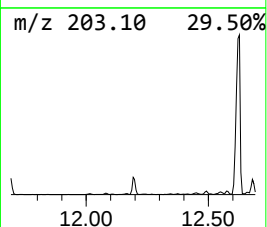
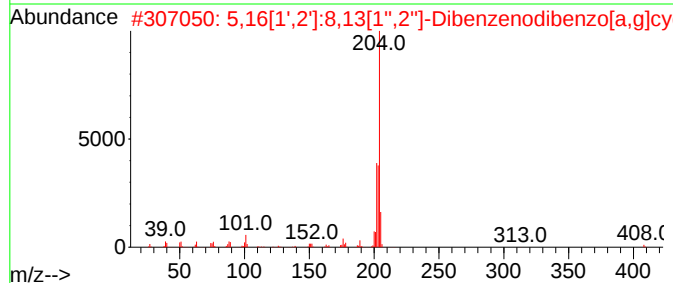
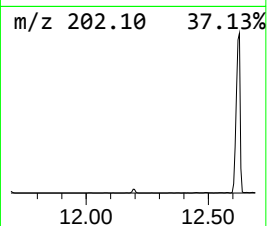
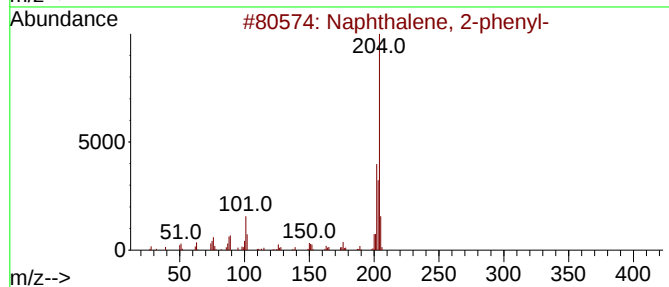
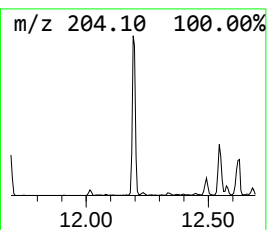
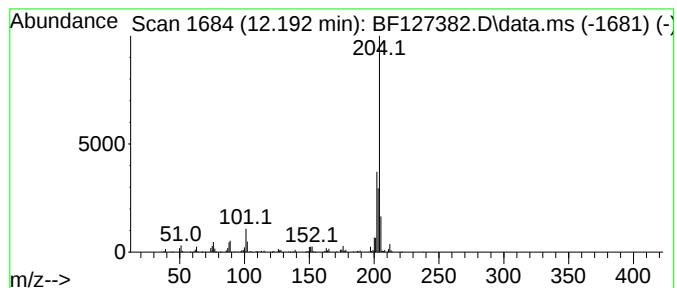
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	7.13 ng	240297	Phenanthrene-d10	11.404

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	59
3		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	58
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127382.D
Acq On : 17 Mar 2022 18:14
Operator : CG\JU
Sample : N1979-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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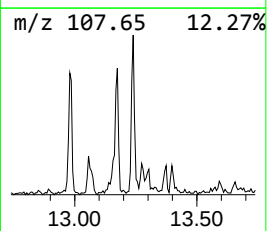
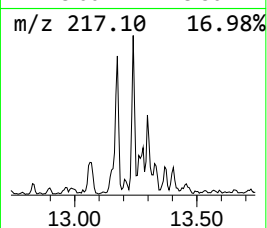
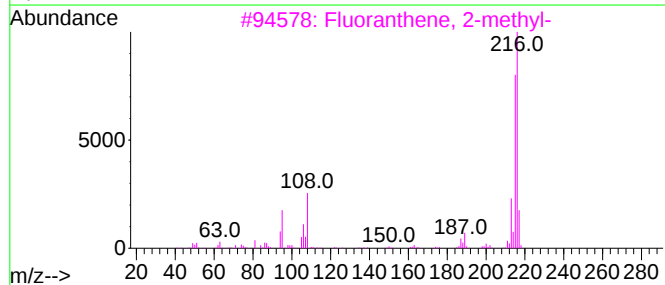
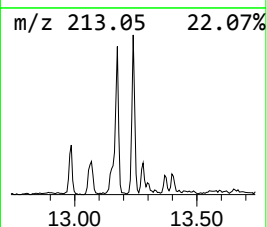
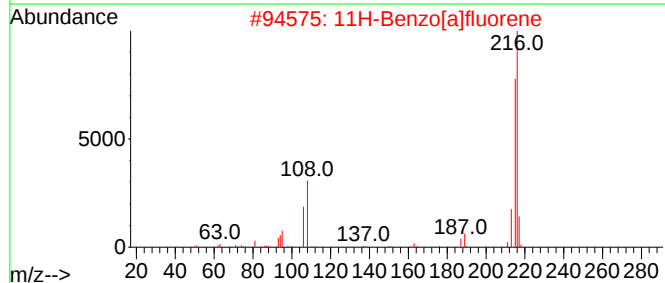
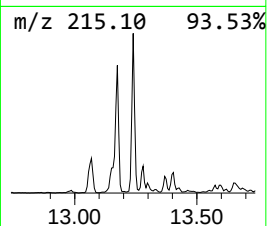
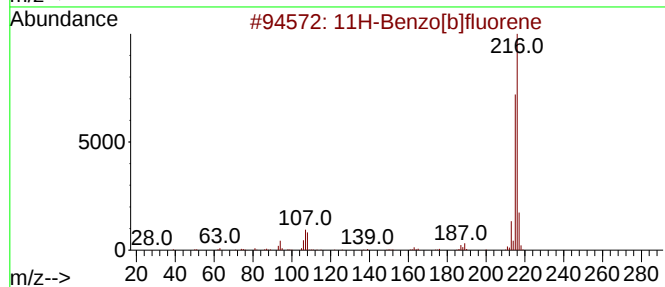
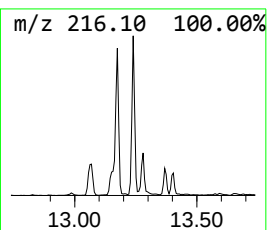
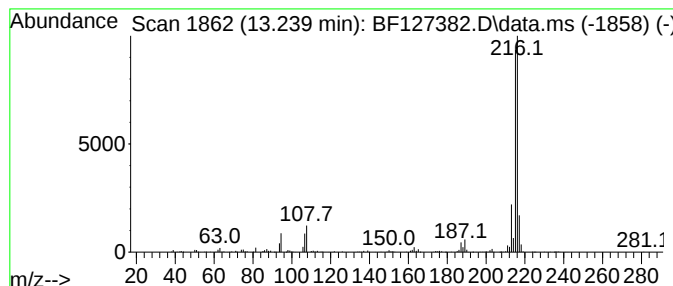
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	5.93 ng	457079	Chrysene-d12	14.045

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5		trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127382.D
Acq On : 17 Mar 2022 18:14
Operator : CG\JU
Sample : N1979-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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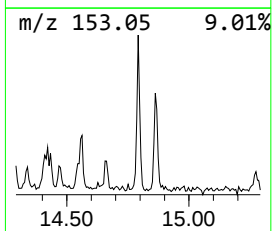
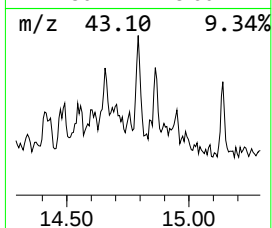
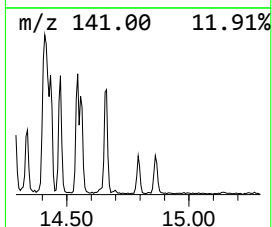
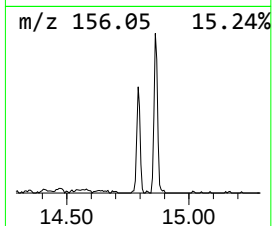
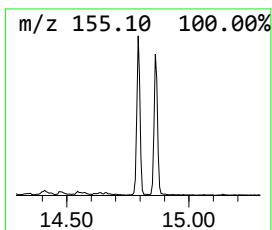
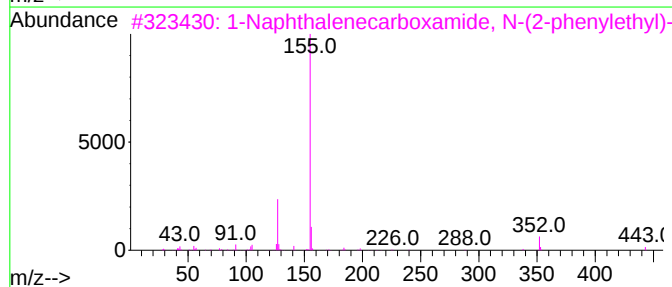
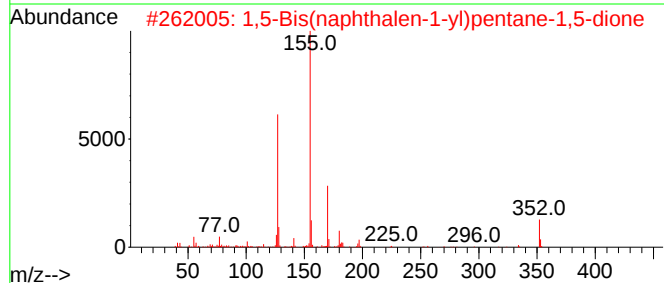
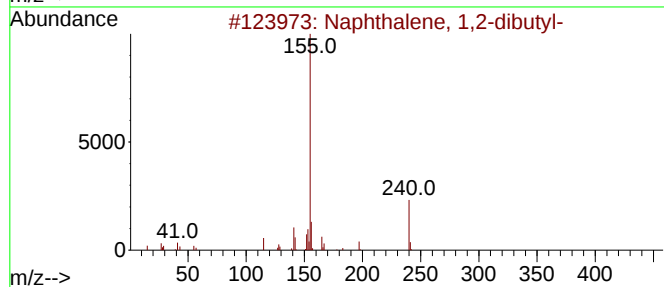
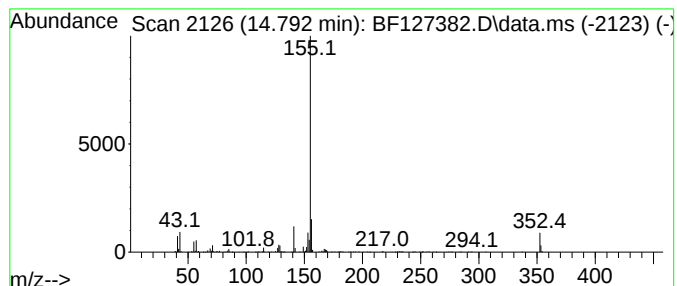
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Naphthalene, 1,2-dibutyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	10.83 ng	220671	Perylene-d12	15.533

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2-dibutyl-	240	C18H24	103385-90-6	78
2		1,5-Bis(naphthalen-1-yl)pentane-...	352	C25H20O2	1000210-52-9	64
3		1-Naphthalenecarboxamide, N-(2-p...	443	C31H41NO	1010451-36-4	50
4		1,3-Benzenediol, O-(2,6-difluoro...	404	C24H14F2O4	1010345-52-7	50
5		4-(Methylsulfonyl)thiophenol, S-...	352	C11H7F7OS2	1000469-97-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127382.D
Acq On : 17 Mar 2022 18:14
Operator : CG\JU
Sample : N1979-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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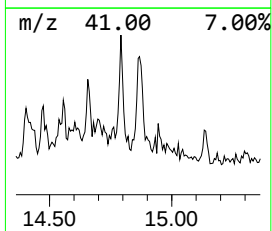
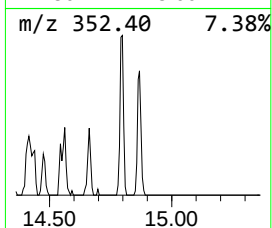
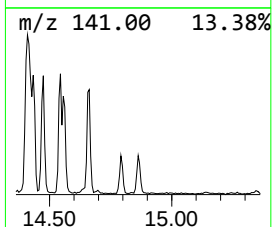
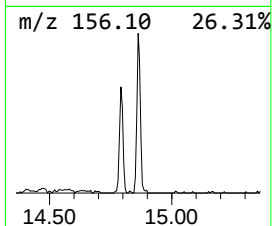
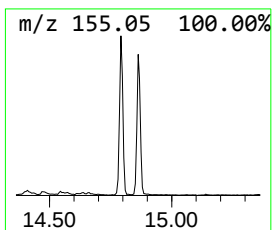
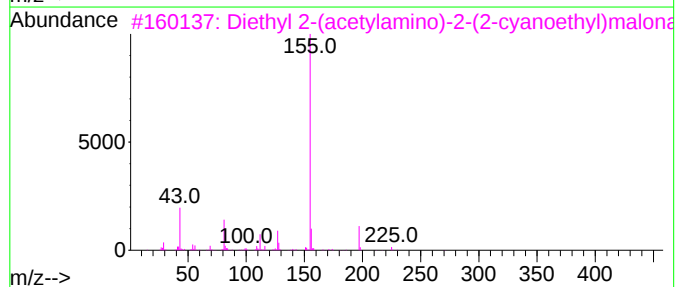
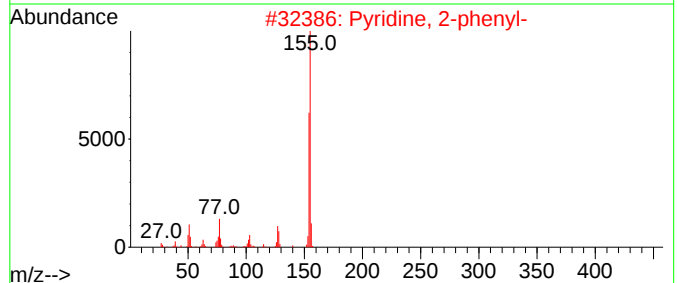
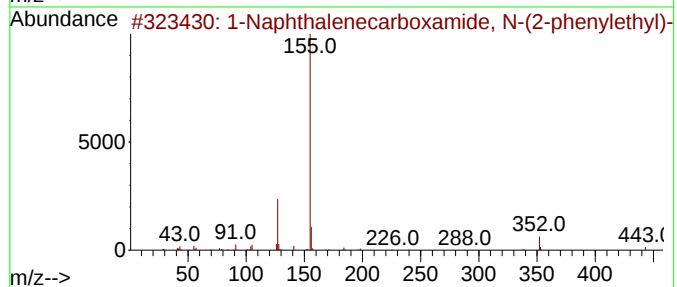
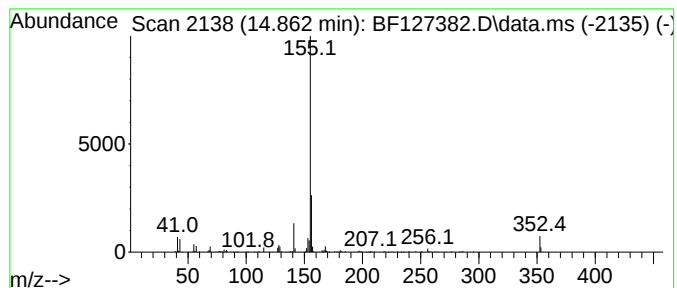
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown14.862 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.862	10.63 ng	216644	Perylene-d12	15.533

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxamide, N-(2-p...	443	C31H41NO	1010451-36-4	45		
2	Pyridine, 2-phenyl-	155	C11H9N	001008-89-5	9		
3	Diethyl 2-(acetylamino)-2-(2-cya...	270	C12H18N2O5	005440-42-6	9		
4	6-Amino-1,3-dimethyluracil	155	C6H9N3O2	006642-31-5	9		
5	1-naphthalenecarboxamide, N-(2,5...	352	C19H16N2O5	1000398-36-7	9		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
Data File : BF127382.D
Acq On : 17 Mar 2022 18:14
Operator : CG\JU
Sample : N1979-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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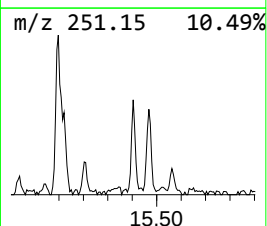
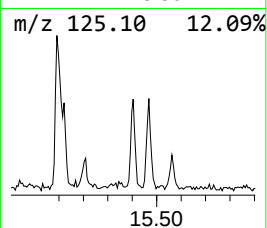
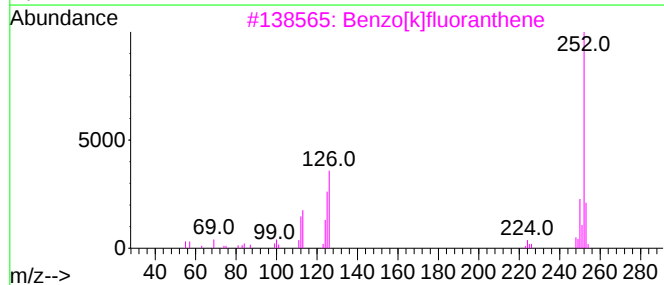
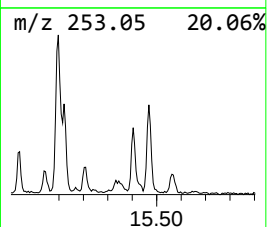
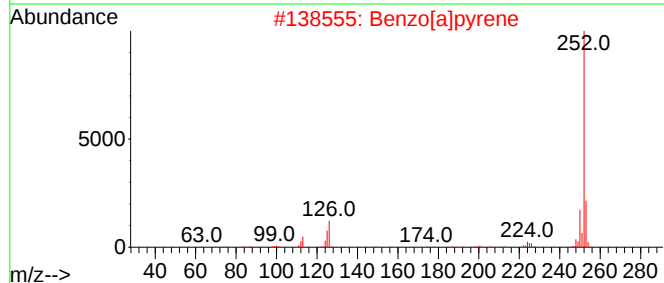
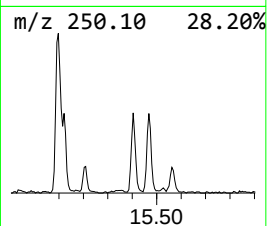
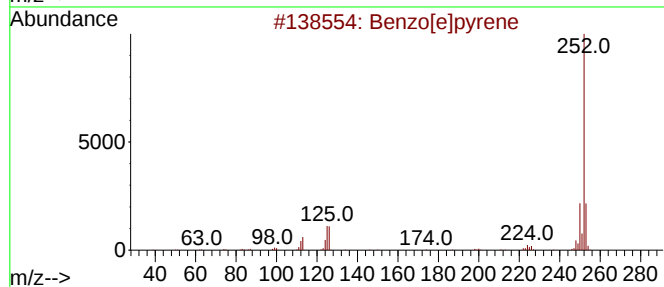
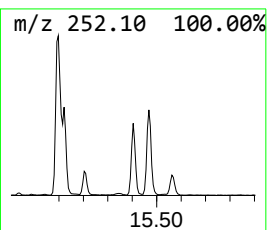
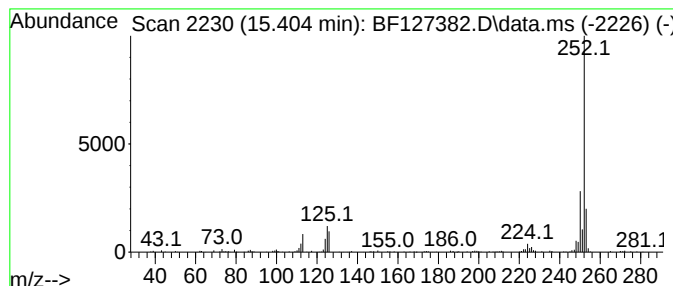
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.403	8.78 ng	178897	Perylene-d12	15.533

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[a]pyrene	252	C20H12	000050-32-8	94
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127382.D
 Acq On : 17 Mar 2022 18:14
 Operator : CG\JU
 Sample : N1979-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT4743

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,...	9.492	9.0	ng	356193	3	9.910	794276	20.0
Longifolene	9.533	6.3	ng	248704	3	9.910	794276	20.0
Naphthalene, 2,...	9.563	9.9	ng	392661	3	9.910	794276	20.0
1-Isopropenylna...	10.522	8.4	ng	332413	3	9.910	794276	20.0
unknown10.539	10.539	7.7	ng	305968	3	9.910	794276	20.0
Cedrol	10.580	10.0	ng	398663	3	9.910	794276	20.0
[1,1'-Biphenyl]...	10.610	7.8	ng	310174	3	9.910	794276	20.0
1(2H)-Acenaphth...	10.827	6.8	ng	228481	4	11.404	674078	20.0
unknown10.886	10.886	7.0	ng	236352	4	11.404	674078	20.0
9H-Fluorene, 3-...	11.004	7.6	ng	256686	4	11.404	674078	20.0
Dehydrochamazulene	11.251	5.9	ng	199686	4	11.404	674078	20.0
Dibenzothiophene	11.298	13.3	ng	448560	4	11.404	674078	20.0
Phenanthrene, 2...	11.898	10.6	ng	356020	4	11.404	674078	20.0
Anthracene, 2-m...	11.927	12.8	ng	431884	4	11.404	674078	20.0
4H-Cyclopenta[d...	12.015	27.3	ng	918549	4	11.404	674078	20.0
Naphthalene, 2-...	12.192	7.1	ng	240297	4	11.404	674078	20.0
11H-Benzo[b]flu...	13.239	5.9	ng	457079	5	14.045	1541660	20.0
Naphthalene, 1,...	14.792	10.8	ng	220671	6	15.533	407642	20.0
unknown14.862	14.862	10.6	ng	216644	6	15.533	407642	20.0
Benzo[e]pyrene	15.403	8.8	ng	178897	6	15.533	407642	20.0