

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
 Data File : BF126738.D
 Acq On : 29 Jan 2022 01:09
 Operator : CG/JU
 Sample : N1312-01 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-012722

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-BF011822.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126738.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.251	24	28	35	rVB	217295	274752	15.90%	1.115%
2	4.081	335	339	345	rBV	23326	26205	1.52%	0.106%
3	5.175	522	525	533	rVB	33530	38832	2.25%	0.158%
4	5.569	588	592	595	rBV	2038934	1727911	100.00%	7.011%
5	6.569	758	762	766	rBV	2001108	1686343	97.59%	6.843%
6	6.957	824	828	832	rVB	1224873	944123	54.64%	3.831%
7	7.516	919	923	926	rBV	1320336	1018938	58.97%	4.134%
8	8.133	1025	1028	1035	rBV	41391	59712	3.46%	0.242%
9	8.239	1042	1046	1049	rBV	1380737	1100042	63.66%	4.464%
10	8.263	1049	1050	1053	rVB	48447	23916	1.38%	0.097%
11	8.904	1156	1159	1165	rVV	81838	70872	4.10%	0.288%
12	8.951	1165	1167	1170	rVB	59790	45334	2.62%	0.184%
13	9.051	1179	1184	1188	rVB	69410	58681	3.40%	0.238%
14	9.316	1225	1229	1232	rBV	1865621	1529628	88.52%	6.207%
15	9.386	1238	1241	1244	rBV	37357	29150	1.69%	0.118%
16	9.422	1244	1247	1251	rBV	92396	86092	4.98%	0.349%
17	9.516	1260	1263	1270	rVB2	16964	22654	1.31%	0.092%
18	9.580	1270	1274	1278	rBV2	38779	55528	3.21%	0.225%
19	9.657	1283	1287	1289	rBV	73856	75432	4.37%	0.306%
20	9.680	1289	1291	1293	rVB	43129	27929	1.62%	0.113%
21	9.722	1293	1298	1302	rVB2	30887	43123	2.50%	0.175%
22	9.769	1304	1306	1308	rBV	37302	33149	1.92%	0.135%
23	9.857	1318	1321	1325	rBV	122103	112082	6.49%	0.455%
24	9.916	1327	1331	1334	rBV	27041	25104	1.45%	0.102%
25	9.998	1342	1345	1348	rBV	1307173	1054405	61.02%	4.278%
26	10.033	1348	1351	1354	rVB	101213	86018	4.98%	0.349%
27	10.104	1359	1363	1367	rVB3	20523	30489	1.76%	0.124%
28	10.151	1367	1371	1374	rBV4	13358	22622	1.31%	0.092%
29	10.198	1374	1379	1383	rVV2	65095	77740	4.50%	0.315%
30	10.239	1383	1386	1389	rVB	43510	36603	2.12%	0.149%
31	10.310	1394	1398	1401	rBV3	40022	49257	2.85%	0.200%
32	10.398	1409	1413	1415	rBV3	27232	38626	2.24%	0.157%
33	10.421	1415	1417	1419	rVB	38189	29069	1.68%	0.118%
34	10.451	1419	1422	1425	rBV	28388	26902	1.56%	0.109%
35	10.545	1435	1438	1445	rVB	122282	121029	7.00%	0.491%
36	10.616	1445	1450	1451	rBV3	27096	32394	1.87%	0.131%

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37	10.657	1455	1457	1460	rVB2	23187	19491	1.13%	0.079%
38	10.704	1460	1465	1467	rBV3	23485	28509	1.65%	0.116%
39	10.786	1475	1479	1483	rBV	1004436	809796	46.87%	3.286%
40	10.898	1495	1498	1499	rBV	28901	30861	1.79%	0.125%
41	10.910	1499	1500	1503	rVB2	41089	29558	1.71%	0.120%
42	10.986	1511	1513	1516	rBV4	19741	23709	1.37%	0.096%
43	11.098	1527	1532	1534	rBV3	40077	54944	3.18%	0.223%
44	11.127	1534	1537	1540	rVV2	32362	37764	2.19%	0.153%
45	11.186	1543	1547	1549	rVV2	39989	39414	2.28%	0.160%
46	11.221	1549	1553	1555	rVV4	20930	25363	1.47%	0.103%
47	11.245	1555	1557	1562	rVB4	24991	30819	1.78%	0.125%
48	11.345	1570	1574	1576	rBV2	37928	38515	2.23%	0.156%
49	11.386	1576	1581	1585	rVB	66886	84379	4.88%	0.342%
50	11.492	1595	1599	1601	rBV	1324423	1096863	63.48%	4.451%
51	11.516	1601	1603	1607	rVV	827600	631443	36.54%	2.562%
52	11.568	1609	1612	1615	rVV	259842	210010	12.15%	0.852%
53	11.598	1615	1617	1620	rVB2	35912	39563	2.29%	0.161%
54	11.721	1635	1638	1641	rBV	79057	71810	4.16%	0.291%
55	11.821	1652	1655	1659	rVB	46713	44969	2.60%	0.182%
56	11.874	1661	1664	1667	rVB	90790	74054	4.29%	0.300%
57	11.904	1667	1669	1672	rBV	31687	38246	2.21%	0.155%
58	12.004	1681	1686	1687	rBV2	187611	227556	13.17%	0.923%
59	12.021	1687	1689	1694	rVB	195260	170297	9.86%	0.691%
60	12.068	1694	1697	1700	rBV	94510	76547	4.43%	0.311%
61	12.110	1700	1704	1706	rBV2	267719	295277	17.09%	1.198%
62	12.127	1706	1707	1710	rVB	104174	75741	4.38%	0.307%
63	12.180	1713	1716	1718	rBV3	33773	36243	2.10%	0.147%
64	12.227	1721	1724	1727	rVB2	31988	35259	2.04%	0.143%
65	12.292	1727	1735	1737	rBV3	98957	127916	7.40%	0.519%
66	12.315	1737	1739	1742	rVB2	52743	52347	3.03%	0.212%
67	12.421	1755	1757	1758	rBV	26211	20463	1.18%	0.083%
68	12.439	1758	1760	1762	rVB	42259	31360	1.81%	0.127%
69	12.468	1762	1765	1767	rBV	55581	49733	2.88%	0.202%
70	12.492	1767	1769	1772	rVB2	46688	42286	2.45%	0.172%
71	12.545	1774	1778	1781	rBV	144014	162450	9.40%	0.659%
72	12.586	1781	1785	1790	rVB3	188140	233691	13.52%	0.948%
73	12.633	1790	1793	1797	rBV2	80509	102760	5.95%	0.417%
74	12.668	1797	1799	1803	rVB2	60976	52007	3.01%	0.211%
75	12.710	1803	1806	1809	rBV	1211103	990529	57.33%	4.019%
76	12.804	1818	1822	1825	rBV3	62365	84854	4.91%	0.344%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.863	1830	1832	1834	rBV	56148	45804	2.65%	0.186%
78	12.939	1839	1845	1851	rBV	1036579	1203336	69.64%	4.883%
79	12.992	1851	1854	1858	rVB2	61122	81139	4.70%	0.329%
80	13.080	1863	1869	1872	rBV	1853124	1595914	92.36%	6.476%
81	13.157	1879	1882	1886	rBV2	72962	109025	6.31%	0.442%
82	13.245	1894	1897	1898	rBV2	88009	82316	4.76%	0.334%
83	13.268	1898	1901	1904	rVB	195626	190936	11.05%	0.775%
84	13.304	1905	1907	1909	rBV3	44778	47169	2.73%	0.191%
85	13.333	1910	1912	1915	rVV	125297	113454	6.57%	0.460%
86	13.374	1916	1919	1922	rVB2	130646	125286	7.25%	0.508%
87	13.468	1932	1935	1937	rBV	101804	84228	4.87%	0.342%
88	13.498	1937	1940	1943	rBV	109864	105354	6.10%	0.427%
89	13.921	2010	2012	2014	rBV	75305	54506	3.15%	0.221%
90	14.145	2045	2050	2052	rBV2	1185001	1482411	85.79%	6.015%
91	14.168	2052	2054	2060	rVB	430087	368533	21.33%	1.495%
92	15.215	2228	2232	2235	rBV	261271	395218	22.87%	1.604%
93	15.604	2295	2298	2304	rVV	198263	246704	14.28%	1.001%
94	15.668	2305	2309	2326	rVB4	578573	1265558	73.24%	5.135%

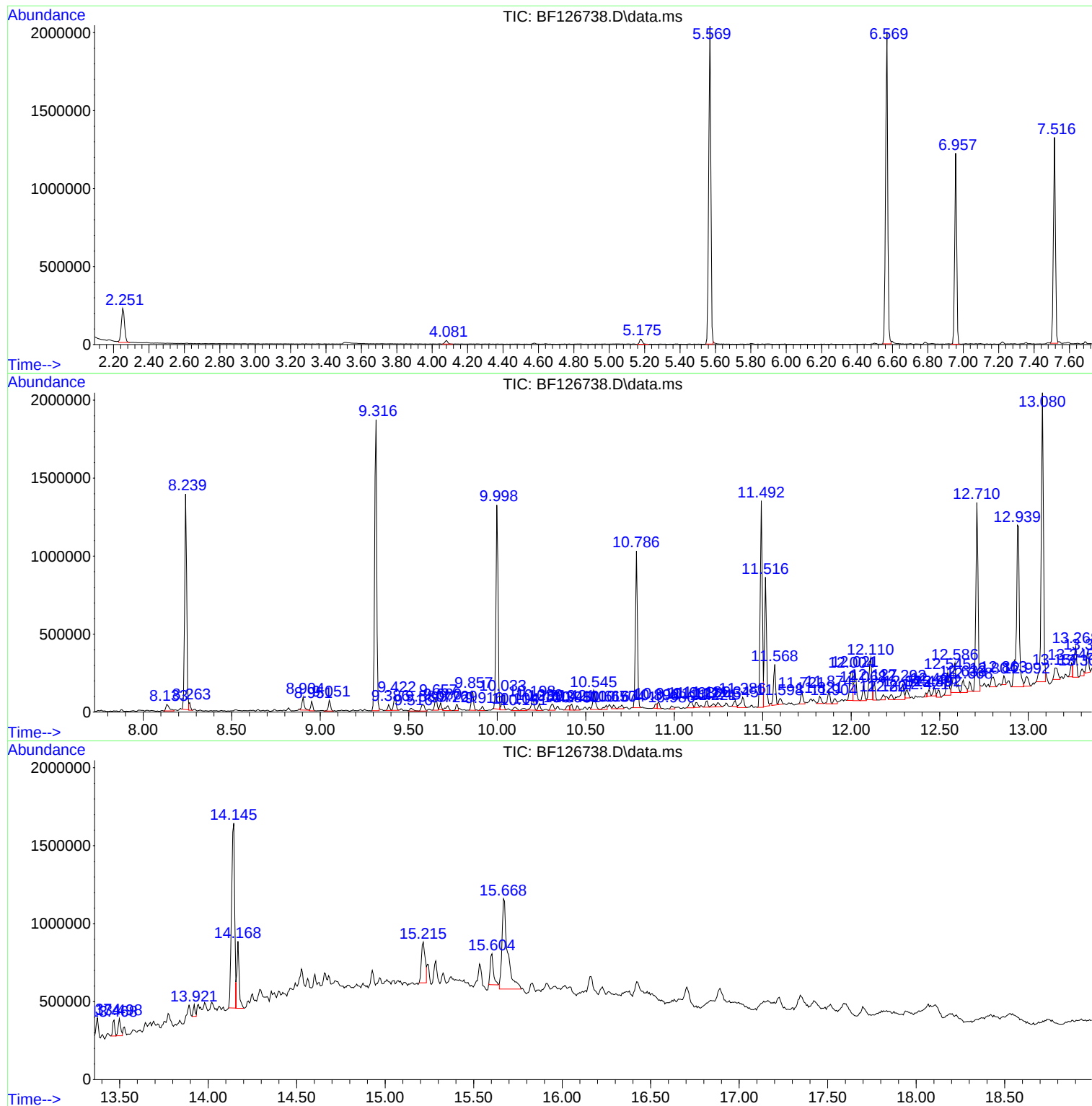
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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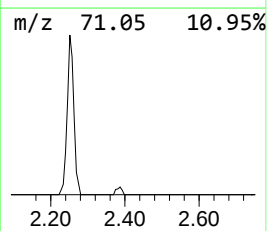
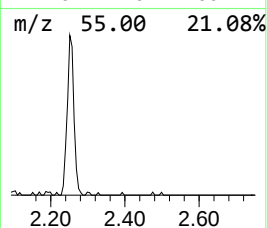
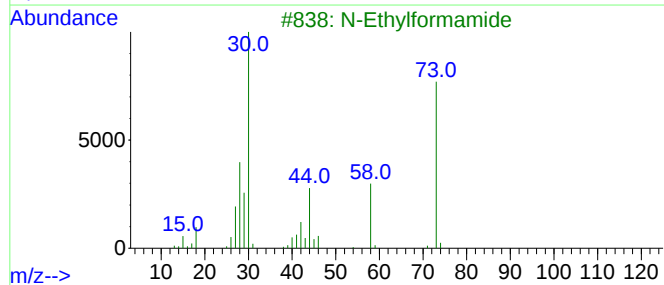
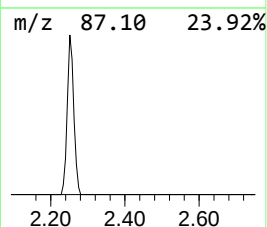
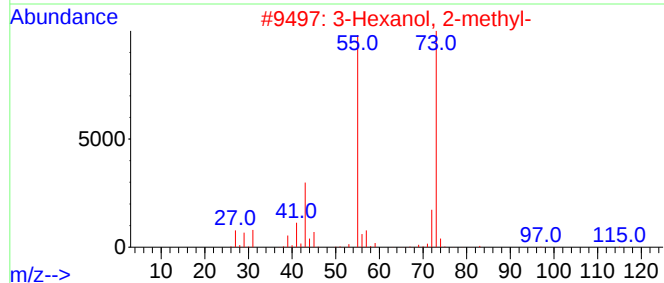
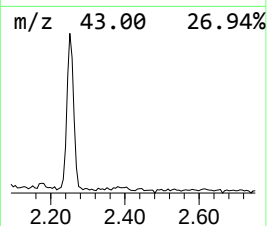
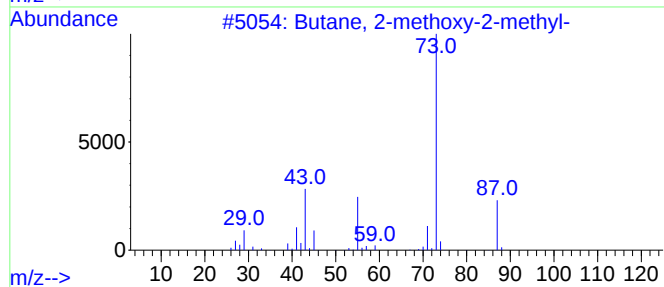
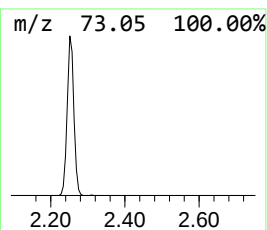
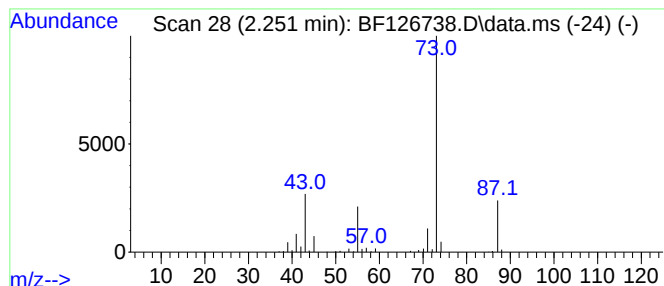
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.251	5.82 ng	274752	1,4-Dichlorobenzene-d4	6.957

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
3			N-Ethylformamide	73	C3H7NO	000627-45-2	9
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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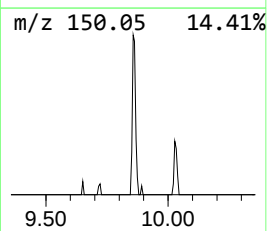
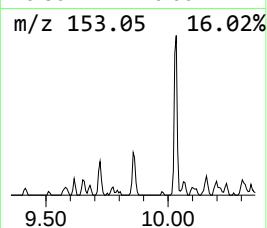
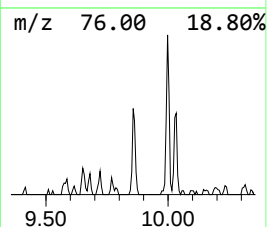
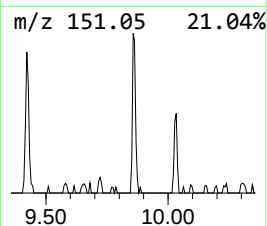
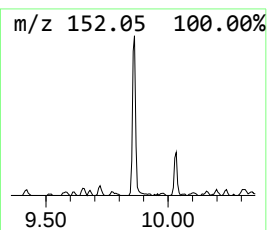
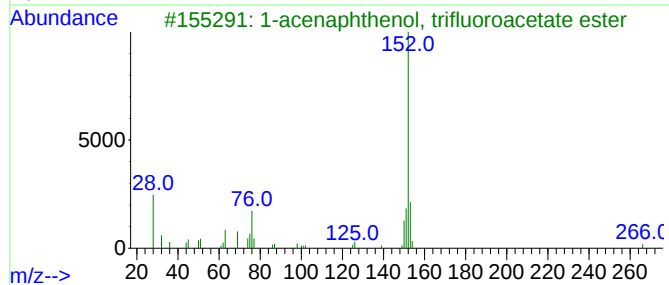
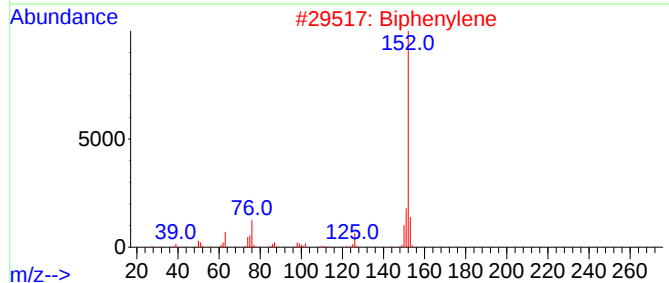
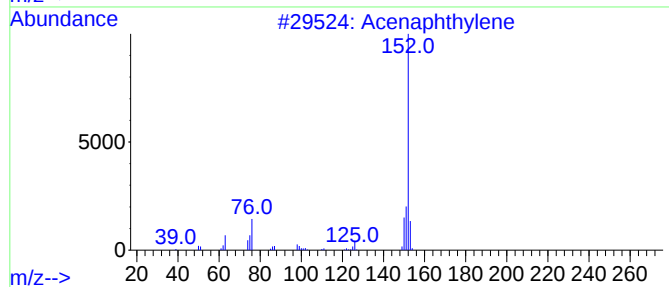
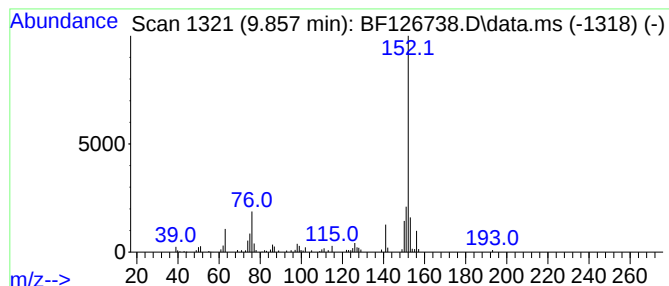
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Biphenylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.857	2.13 ng	112082	Acenaphthene-d10	9.998

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthylene	152	C12H8	000208-96-8	94
2			Biphenylene	152	C12H8	000259-79-0	87
3			1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	64
4			(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	59
5			1H-Phenalen-1-one	180	C13H8O	000548-39-0	37



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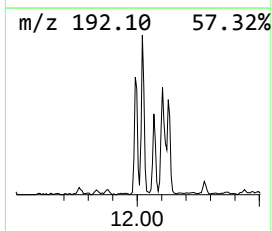
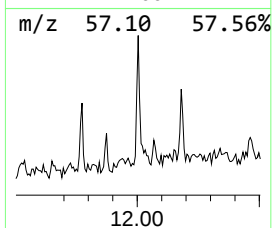
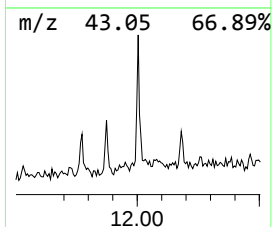
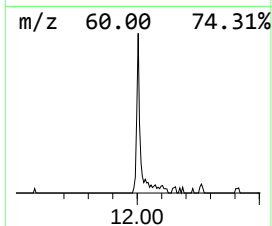
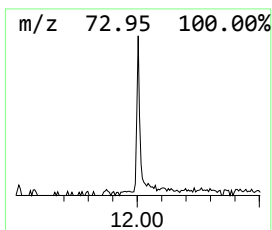
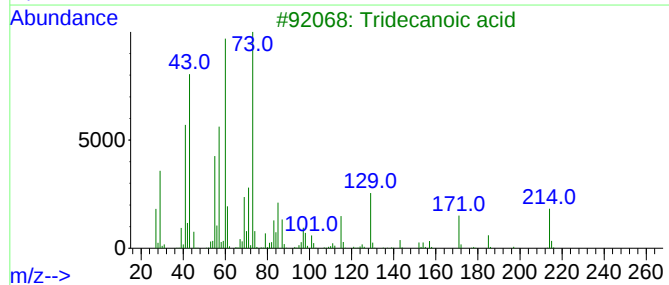
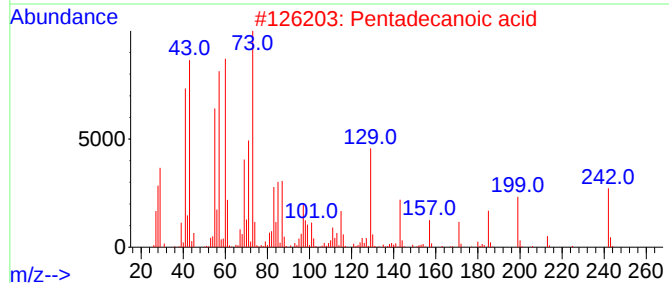
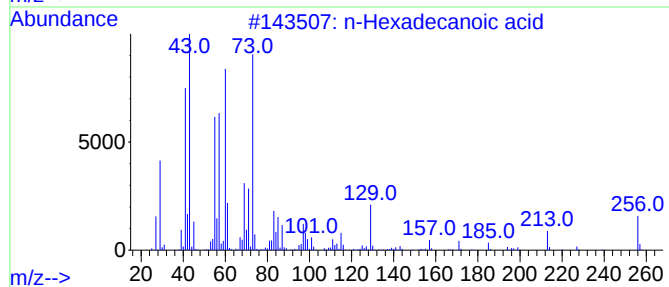
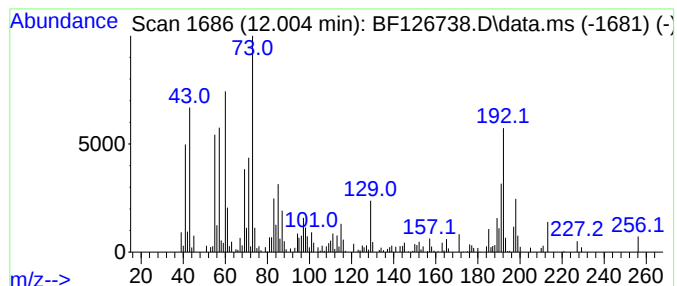
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	4.15 ng	227556	Phenanthrene-d10	11.492

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3		Tridecanoic acid	214	C13H26O2	000638-53-9	38
4		Nonanoic acid	158	C9H18O2	000112-05-0	30
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	15



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
Data File : BF126738.D
Acq On : 29 Jan 2022 01:09
Operator : CG/JU
Sample : N1312-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-012722

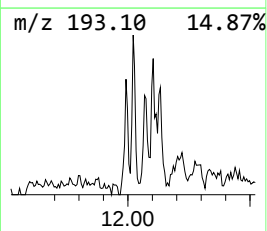
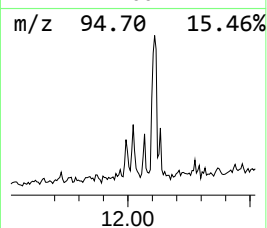
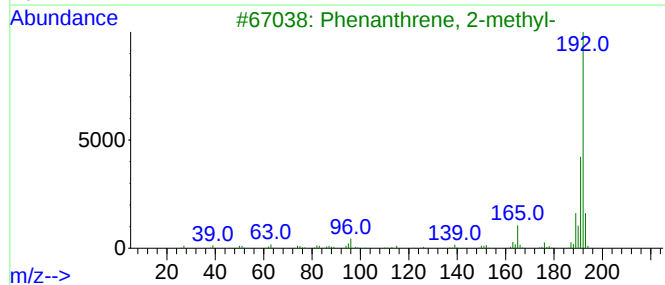
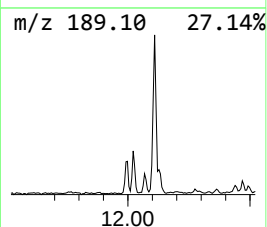
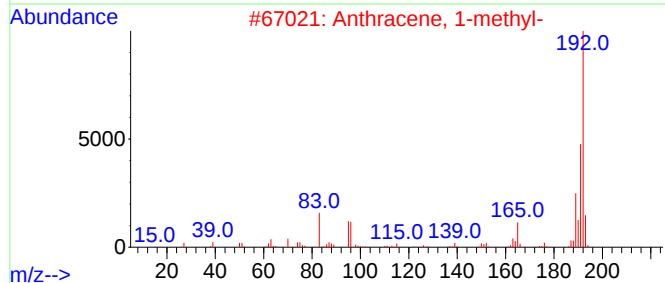
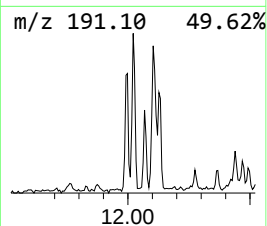
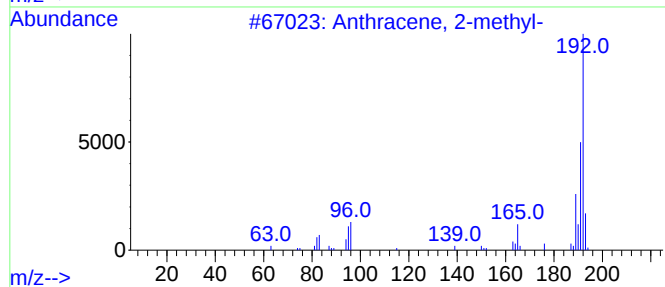
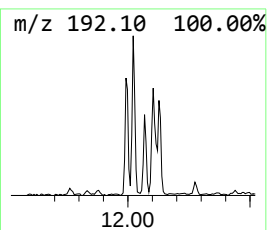
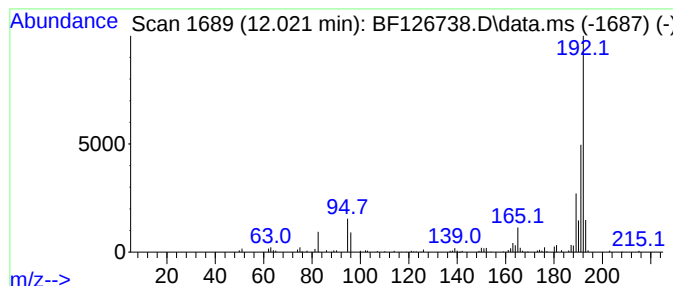
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.021	3.11 ng	170297	Phenanthrene-d10	11.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
Data File : BF126738.D
Acq On : 29 Jan 2022 01:09
Operator : CG/JU
Sample : N1312-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-012722

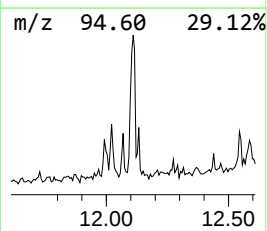
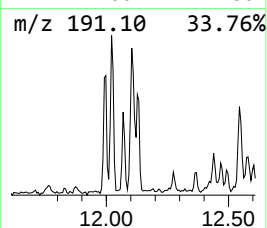
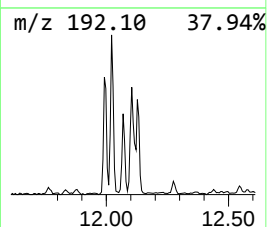
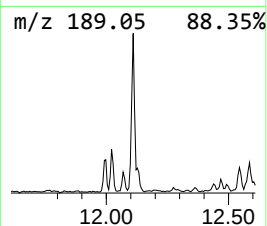
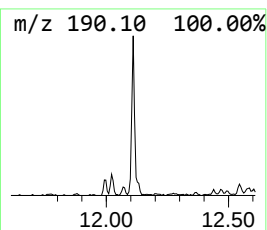
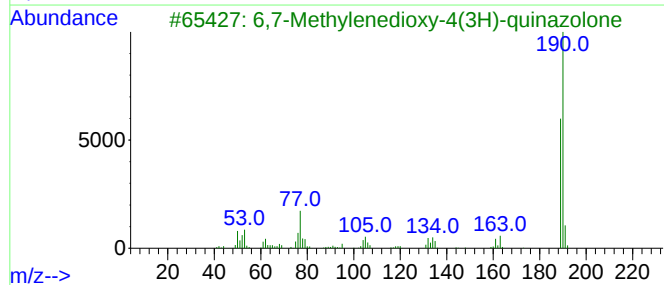
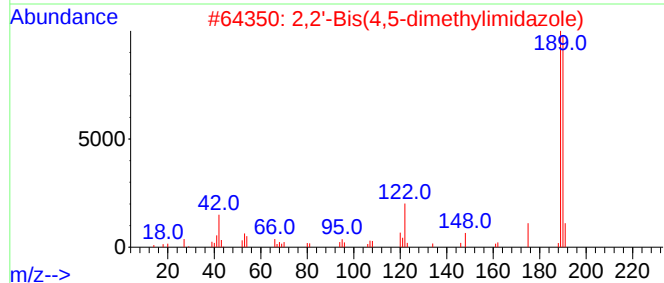
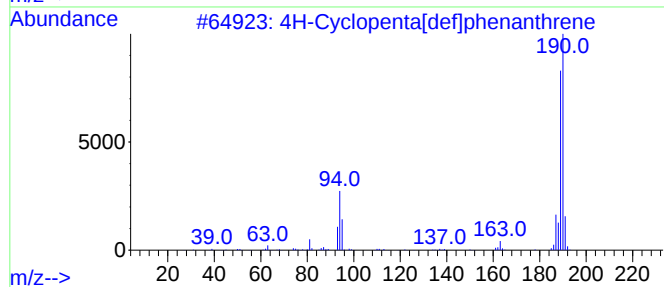
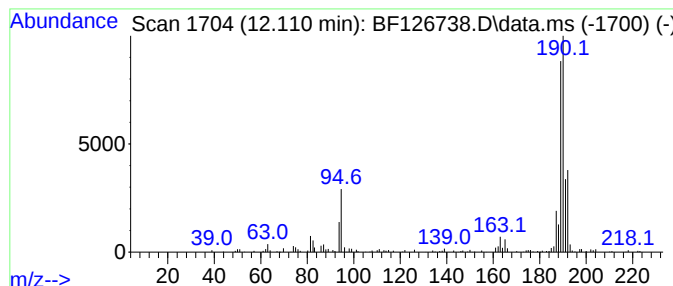
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	5.38 ng	295277	Phenanthrene-d10	11.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
3			6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	28
4			1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	27
5			2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	16



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
Data File : BF126738.D
Acq On : 29 Jan 2022 01:09
Operator : CG/JU
Sample : N1312-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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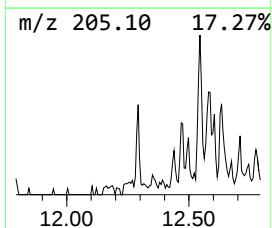
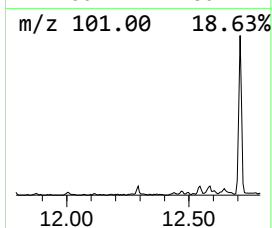
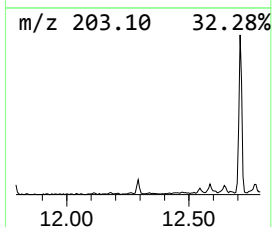
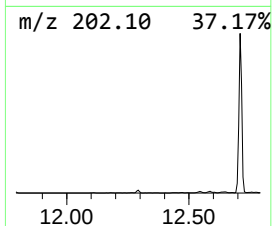
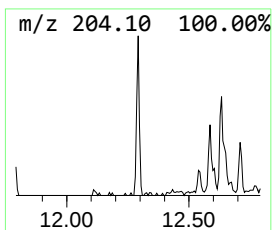
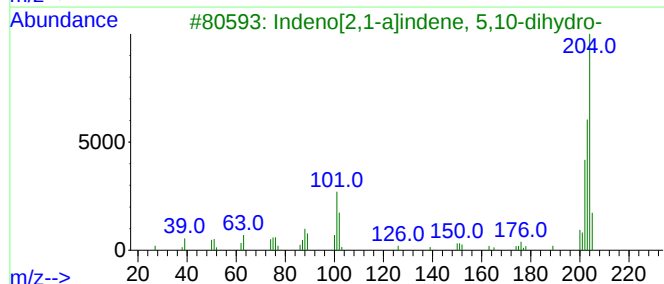
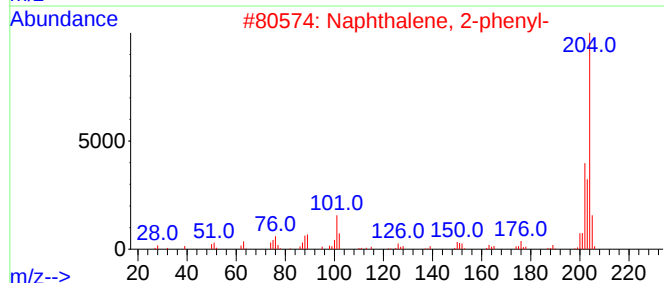
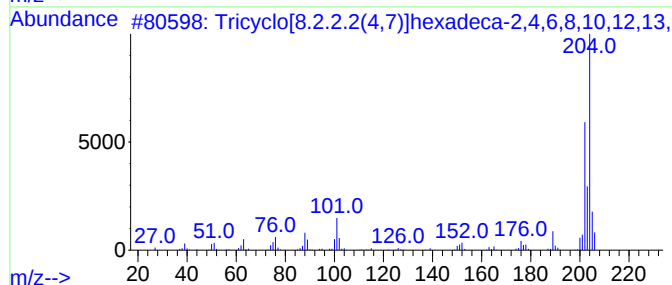
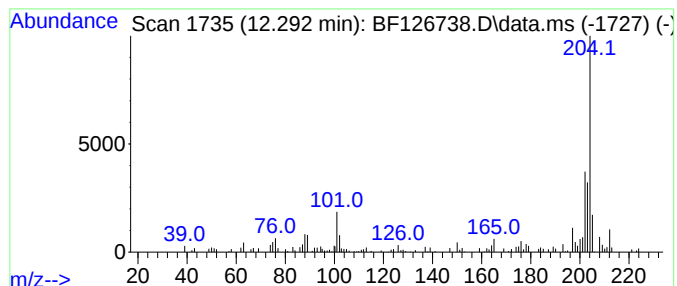
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.292	2.33 ng	127916	Phenanthrene-d10	11.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3			Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	70
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5			9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
Data File : BF126738.D
Acq On : 29 Jan 2022 01:09
Operator : CG/JU
Sample : N1312-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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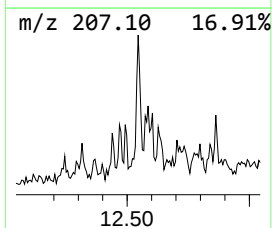
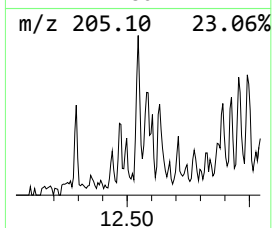
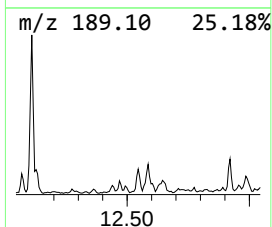
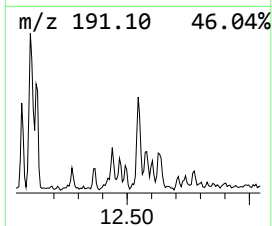
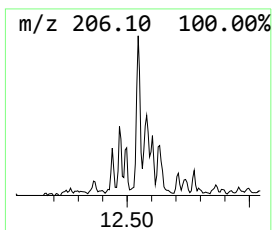
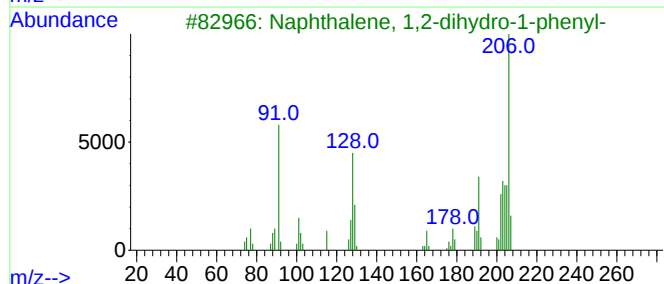
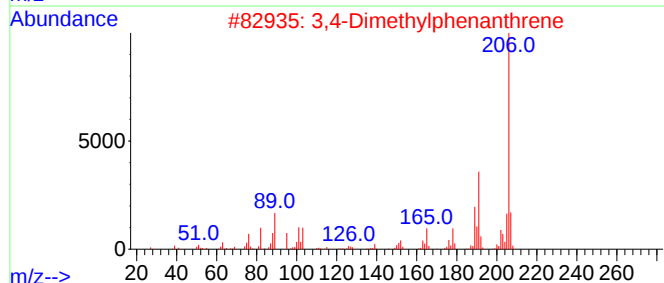
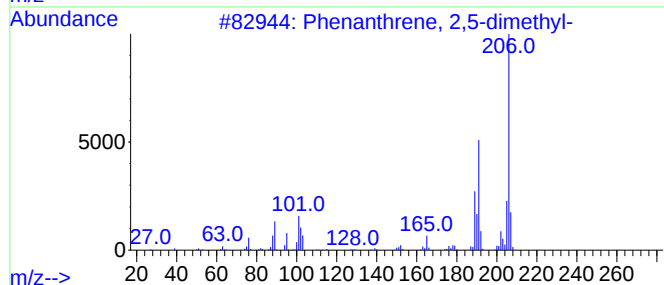
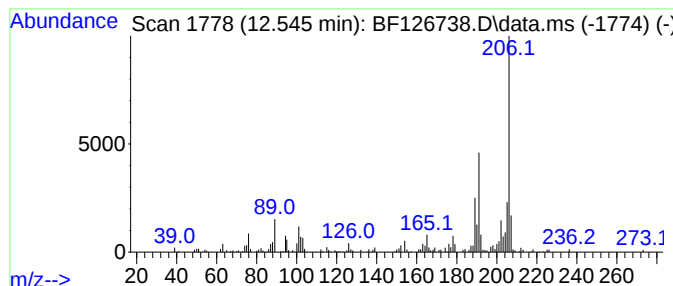
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	2.96 ng	162450	Phenanthrene-d10	11.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	99
2			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	96
3			Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	95
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	94
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
Data File : BF126738.D
Acq On : 29 Jan 2022 01:09
Operator : CG/JU
Sample : N1312-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-012722

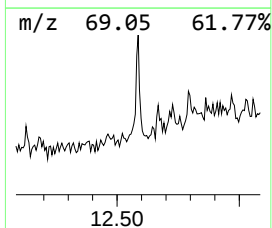
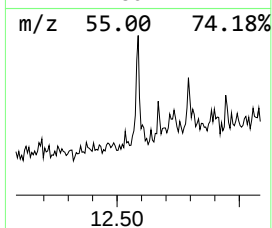
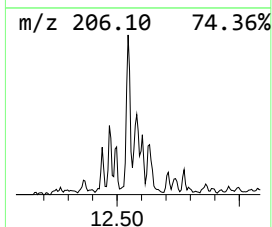
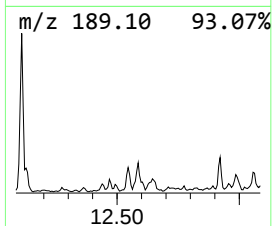
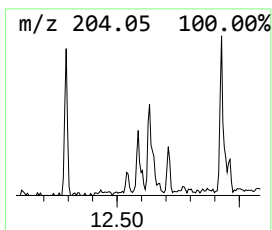
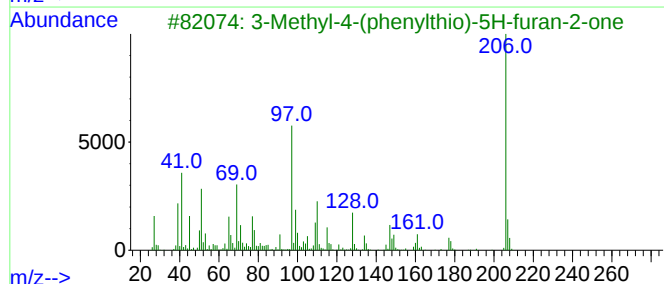
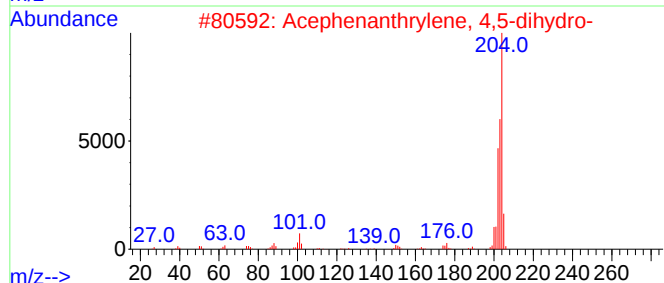
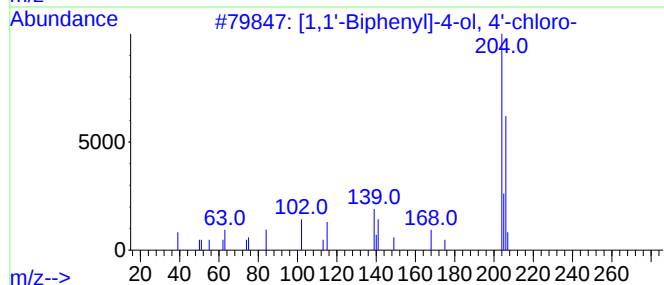
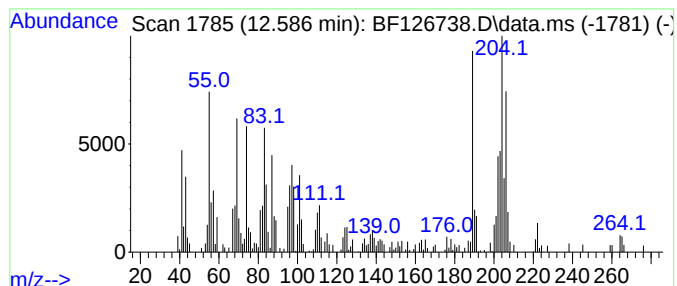
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown12.586 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.586	4.26 ng	233691	Phenanthrene-d10	11.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38
2			Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	35
3			3-Methyl-4-(phenylthio)-5H-furan...	206	C11H10O2S	117621-13-3	25
4			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	25
5			5,16[1',2']: ⁸ ,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
Data File : BF126738.D
Acq On : 29 Jan 2022 01:09
Operator : CG/JU
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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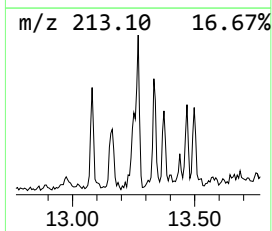
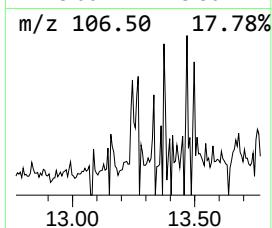
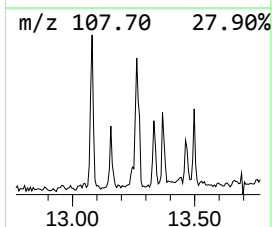
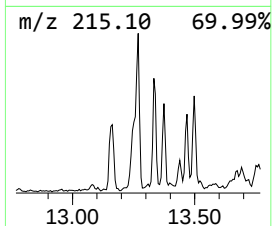
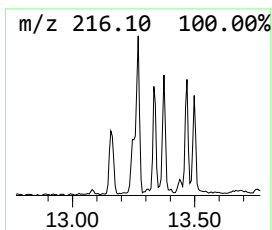
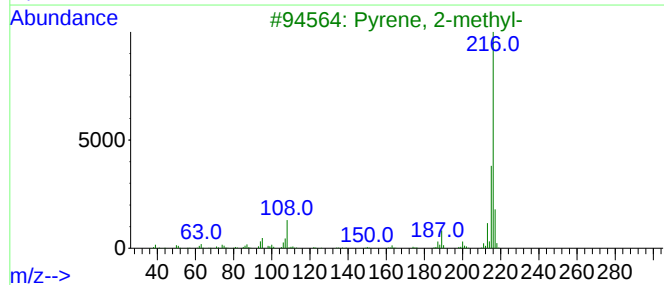
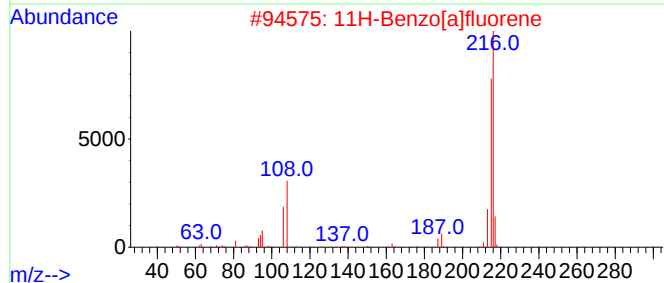
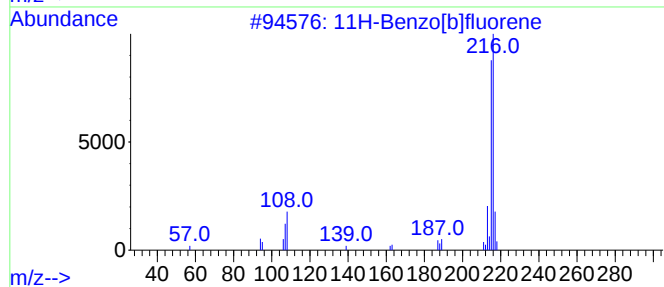
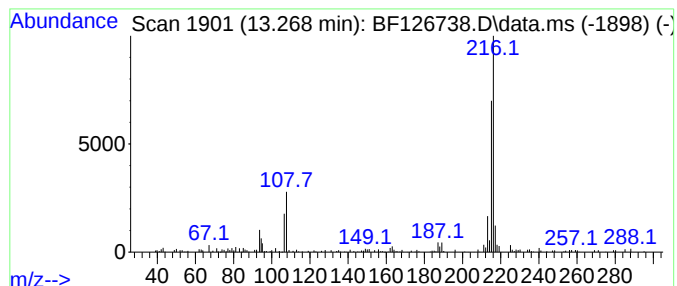
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	2.58 ng	190936	Chrysene-d12	14.145

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			Pyrene, 2-methyl-	216	C17H12	003442-78-2	80
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
Data File : BF126738.D
Acq On : 29 Jan 2022 01:09
Operator : CG/JU
Sample : N1312-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-012722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.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
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Biphenylene	9.857	2.1	ng	112082	3	9.998	1054410	20.0
n-Hexadecanoic ...	12.004	4.2	ng	227556	4	11.492	1096860	20.0
Anthracene, 2-m...	12.021	3.1	ng	170297	4	11.492	1096860	20.0
4H-Cyclopenta[d...	12.110	5.4	ng	295277	4	11.492	1096860	20.0
Tricyclo[8.2.2....	12.292	2.3	ng	127916	4	11.492	1096860	20.0
Phenanthrene, 2...	12.545	3.0	ng	162450	4	11.492	1096860	20.0
unknown12.586	12.586	4.3	ng	233691	4	11.492	1096860	20.0
11H-Benzo[b]flu...	13.268	2.6	ng	190936	5	14.145	1482410	20.0