

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
 Data File : BF137286.D
 Acq On : 05 Feb 2024 20:18
 Operator : CG\JU
 Sample : P1355-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-214

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-BF013024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137286.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	11	rVB	139189	166152	10.04%	0.702%
2	5.434	564	569	572	rBV	1347138	1339178	80.95%	5.659%
3	6.428	733	738	741	rBV	1361044	1259199	76.12%	5.321%
4	6.792	797	800	808	rBV	332789	277210	16.76%	1.171%
5	7.351	891	895	906	rBV	870028	797024	48.18%	3.368%
6	8.069	1013	1017	1019	rBV	411289	333662	20.17%	1.410%
7	8.092	1019	1021	1027	rVV	75610	70222	4.24%	0.297%
8	8.780	1135	1138	1144	rBV	135992	113281	6.85%	0.479%
9	8.880	1150	1155	1159	rVB	156737	129293	7.82%	0.546%
10	9.145	1196	1200	1204	rBV	1553018	1374409	83.08%	5.808%
11	9.245	1211	1217	1220	rBV	83604	85042	5.14%	0.359%
12	9.339	1231	1233	1239	rVB2	22321	30795	1.86%	0.130%
13	9.410	1241	1245	1254	rBV2	130918	190950	11.54%	0.807%
14	9.480	1254	1257	1260	rVV	208784	204081	12.34%	0.862%
15	9.510	1260	1262	1267	rVB	140954	111043	6.71%	0.469%
16	9.598	1274	1277	1285	rVB	77289	94225	5.70%	0.398%
17	9.686	1285	1292	1297	rBV	64608	63085	3.81%	0.267%
18	9.822	1310	1315	1318	rBV2	396857	407209	24.62%	1.721%
19	9.857	1318	1321	1325	rVB	705807	581400	35.15%	2.457%
20	9.927	1331	1333	1338	rVB2	28208	35488	2.15%	0.150%
21	9.980	1338	1342	1345	rBV2	48654	49341	2.98%	0.209%
22	10.033	1347	1351	1354	rBV	345796	322264	19.48%	1.362%
23	10.069	1354	1357	1365	rVB	72589	66156	4.00%	0.280%
24	10.145	1366	1370	1372	rBV	46837	46662	2.82%	0.197%
25	10.175	1372	1375	1380	rVB	42186	40273	2.43%	0.170%
26	10.233	1380	1385	1387	rBV	41779	48245	2.92%	0.204%
27	10.333	1395	1402	1405	rBV2	23433	37435	2.26%	0.158%
28	10.374	1405	1409	1415	rVV	689722	594808	35.96%	2.514%
29	10.427	1415	1418	1419	rVV2	48204	53317	3.22%	0.225%
30	10.439	1419	1420	1422	rVV	76746	57933	3.50%	0.245%
31	10.463	1422	1424	1426	rVV	106862	83718	5.06%	0.354%
32	10.486	1426	1428	1430	rVV	40031	34755	2.10%	0.147%
33	10.510	1430	1432	1434	rVV2	47766	44475	2.69%	0.188%
34	10.533	1434	1436	1441	rVB	164144	133519	8.07%	0.564%
35	10.616	1446	1450	1455	rVV	1307279	1206014	72.90%	5.097%
36	10.663	1456	1458	1462	rVB	38497	35547	2.15%	0.150%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.745	1467	1472	1479	rVB3	71811	90773	5.49%	0.384%
38	10.927	1496	1503	1505	rBV2	109266	141585	8.56%	0.598%
39	10.951	1505	1507	1510	rVV2	52474	51803	3.13%	0.219%
40	11.010	1513	1517	1520	rVV2	55946	62305	3.77%	0.263%
41	11.057	1520	1525	1526	rVV2	58554	75678	4.57%	0.320%
42	11.074	1526	1528	1530	rVV2	72640	67321	4.07%	0.284%
43	11.121	1534	1536	1540	rVB3	38936	41668	2.52%	0.176%
44	11.169	1540	1544	1549	rBV	70477	93083	5.63%	0.393%
45	11.216	1549	1552	1557	rVB	105910	109474	6.62%	0.463%
46	11.316	1565	1569	1571	rBV	377616	376048	22.73%	1.589%
47	11.345	1571	1574	1577	rVV	1875359	1635094	98.84%	6.910%
48	11.392	1579	1582	1585	rVV	330694	282796	17.10%	1.195%
49	11.427	1585	1588	1591	rVB2	40629	48311	2.92%	0.204%
50	11.551	1601	1609	1611	rBV2	65313	81529	4.93%	0.345%
51	11.569	1611	1612	1618	rVV2	47435	60799	3.68%	0.257%
52	11.616	1618	1620	1624	rVV	46521	45775	2.77%	0.193%
53	11.651	1624	1626	1631	rVB3	21938	27960	1.69%	0.118%
54	11.821	1650	1655	1657	rBV	197003	179818	10.87%	0.760%
55	11.851	1657	1660	1665	rVV	332580	338894	20.49%	1.432%
56	11.898	1665	1668	1671	rVV	138394	136763	8.27%	0.578%
57	11.933	1671	1674	1677	rVV	399092	425453	25.72%	1.798%
58	11.957	1677	1678	1683	rVB	114391	67594	4.09%	0.286%
59	12.121	1703	1706	1708	rBV	104972	96832	5.85%	0.409%
60	12.268	1726	1731	1734	rBV	41358	46401	2.80%	0.196%
61	12.298	1734	1736	1738	rVB	40403	29138	1.76%	0.123%
62	12.321	1738	1740	1745	rVB2	36462	33400	2.02%	0.141%
63	12.374	1745	1749	1752	rBV	96055	117466	7.10%	0.496%
64	12.410	1752	1755	1758	rVV2	57559	67842	4.10%	0.287%
65	12.457	1761	1763	1769	rBV3	66518	84829	5.13%	0.358%
66	12.539	1773	1777	1780	rBV	1649775	1460781	88.31%	6.173%
67	12.686	1800	1802	1806	rVV	41840	43015	2.60%	0.182%
68	12.768	1810	1816	1819	rBV2	1136156	1346335	81.39%	5.690%
69	12.816	1822	1824	1829	rVB3	70789	88014	5.32%	0.372%
70	12.886	1832	1836	1838	rBV	92428	104234	6.30%	0.440%
71	12.916	1838	1841	1847	rVB	1786372	1654242	100.00%	6.991%
72	12.986	1847	1853	1858	rBV3	92945	161084	9.74%	0.681%
73	13.068	1864	1867	1869	rBV2	77696	85052	5.14%	0.359%
74	13.098	1869	1872	1876	rVB	242130	227799	13.77%	0.963%
75	13.163	1880	1883	1886	rBV	243538	223662	13.52%	0.945%
76	13.198	1886	1889	1892	rVV	147015	162708	9.84%	0.688%

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77	13.227	1892	1894	1897	rVV2	43051	42940	2.60%	0.181%
78	13.257	1897	1899	1902	rVV	35161	32731	1.98%	0.138%
79	13.292	1902	1905	1908	rVB	55296	48463	2.93%	0.205%
80	13.321	1908	1910	1919	rBV2	61602	79736	4.82%	0.337%
81	13.498	1931	1940	1942	rBV4	49578	93745	5.67%	0.396%
82	13.521	1942	1944	1947	rVV2	30498	29928	1.81%	0.126%
83	13.580	1951	1954	1956	rBV3	37220	45008	2.72%	0.190%
84	13.604	1956	1958	1963	rVB3	26930	40420	2.44%	0.171%
85	13.715	1973	1977	1980	rBV2	44562	55005	3.33%	0.232%
86	13.745	1980	1982	1984	rVV	66265	63394	3.83%	0.268%
87	13.768	1984	1986	1992	rVV2	63728	79345	4.80%	0.335%
88	13.962	2013	2019	2023	rBV2	466517	744486	45.00%	3.146%
89	13.998	2023	2025	2031	rVB	289182	276203	16.70%	1.167%
90	14.074	2035	2038	2041	rVB	79602	69874	4.22%	0.295%
91	14.357	2082	2086	2090	rVV	59071	74891	4.53%	0.316%
92	14.392	2090	2092	2096	rVB2	34969	33750	2.04%	0.143%
93	14.451	2099	2102	2105	rVV3	44894	53068	3.21%	0.224%
94	14.504	2109	2111	2114	rVB2	27895	29552	1.79%	0.125%
95	15.015	2194	2198	2202	rBV	158069	263935	15.96%	1.115%
96	15.127	2213	2217	2222	rVB2	41253	51303	3.10%	0.217%
97	15.321	2246	2250	2255	rBV	72258	85724	5.18%	0.362%
98	15.386	2257	2261	2265	rBV	103229	112889	6.82%	0.477%
99	15.451	2268	2272	2276	rBV	161154	209856	12.69%	0.887%
100	16.945	2523	2526	2536	rVB3	25551	56210	3.40%	0.238%

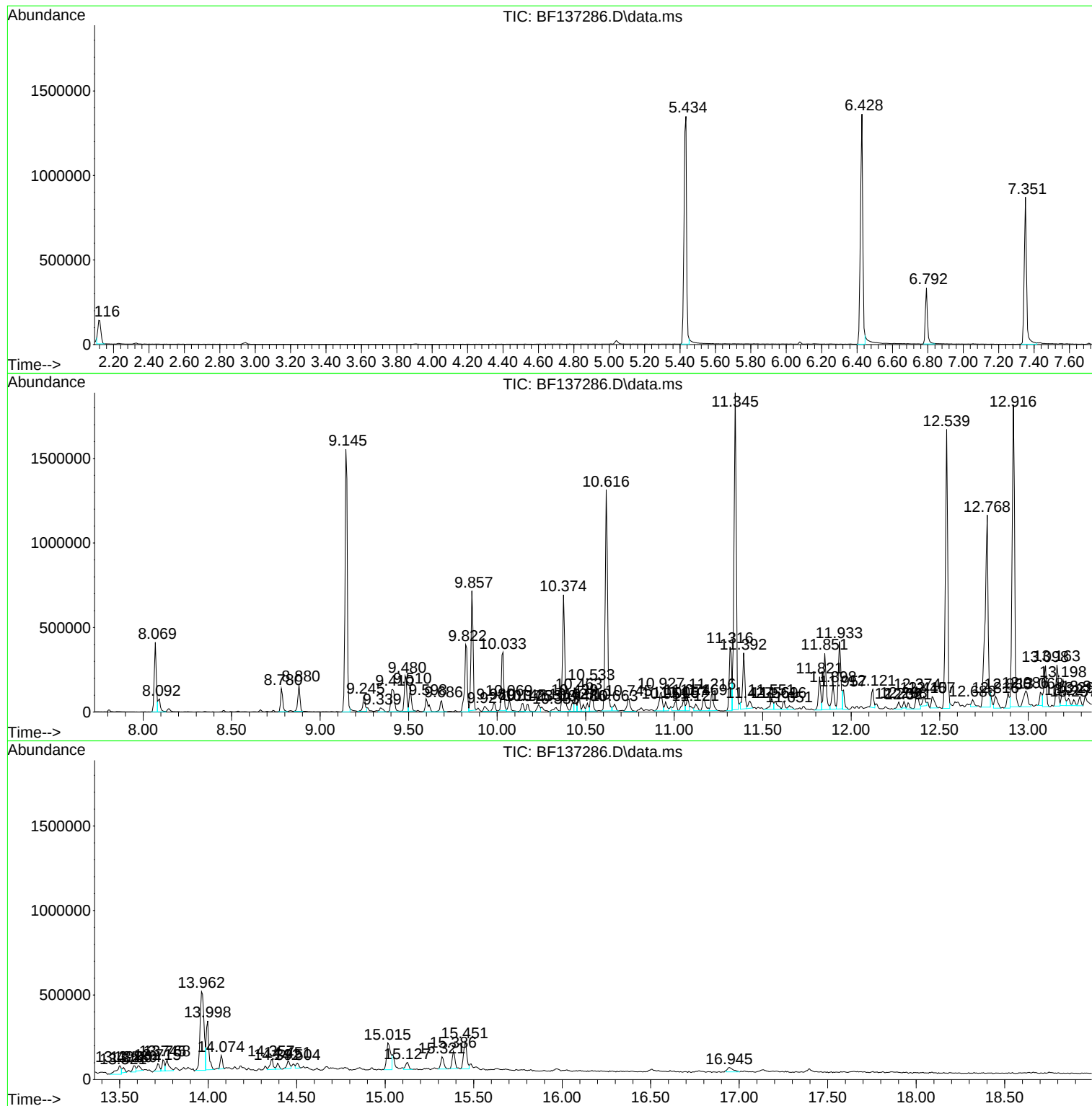
Sum of corrected areas: 23663224

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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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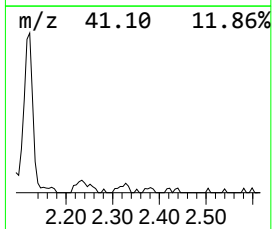
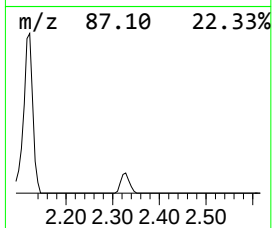
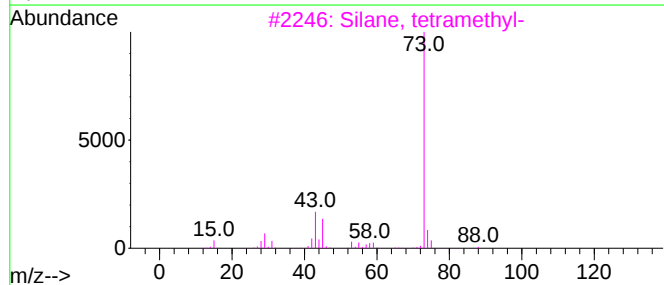
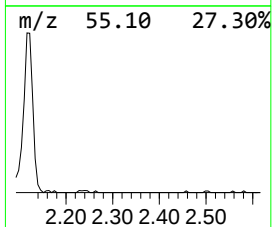
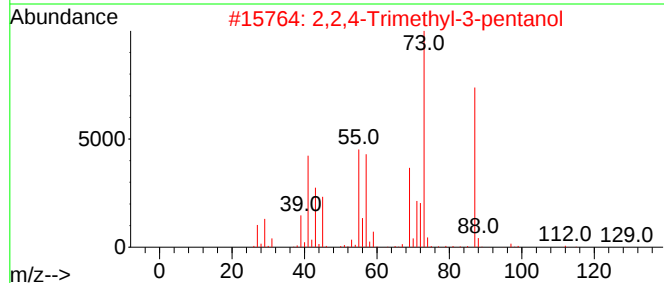
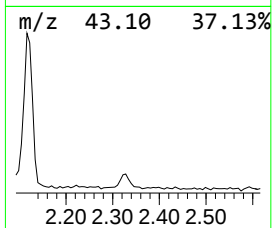
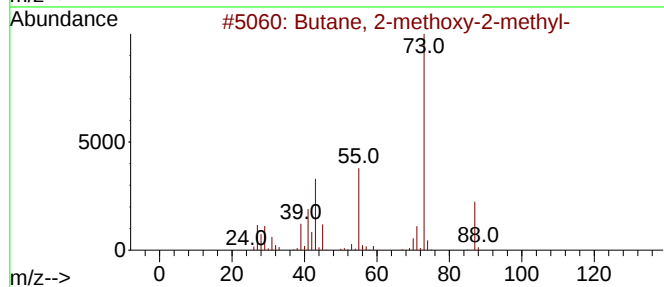
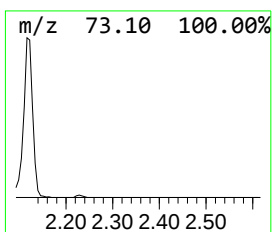
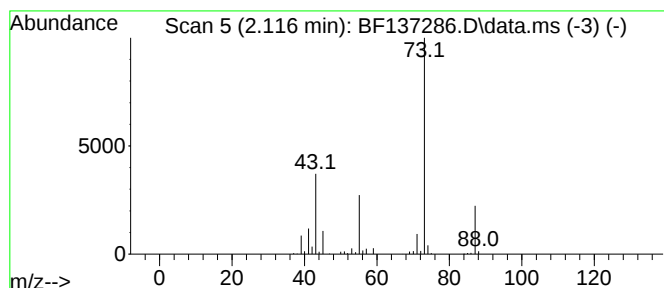
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	11.99 ng	166152	1,4-Dichlorobenzene-d4	6.792

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5			3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	16



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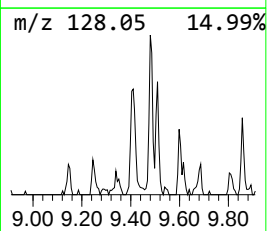
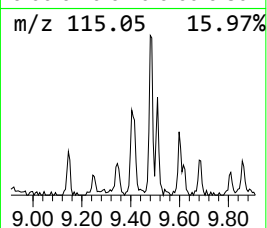
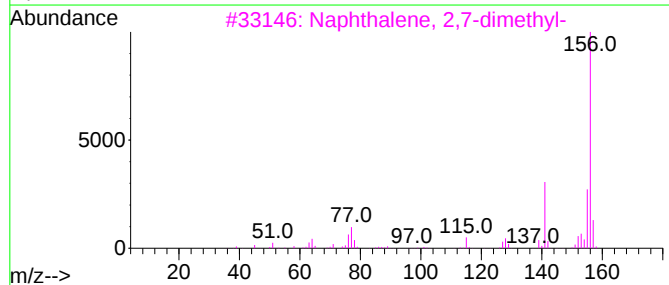
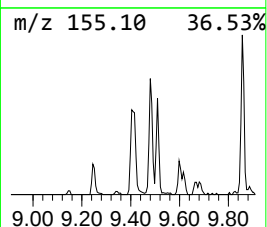
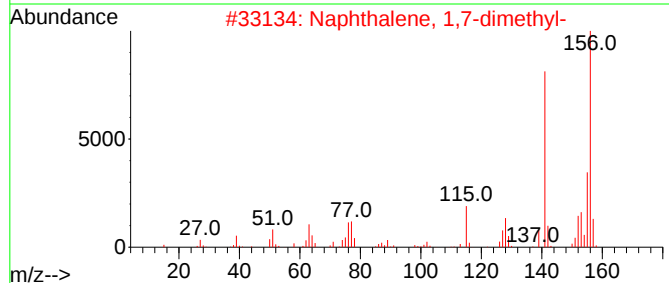
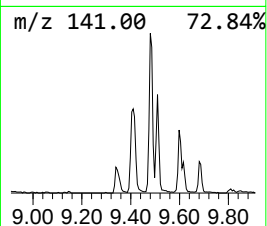
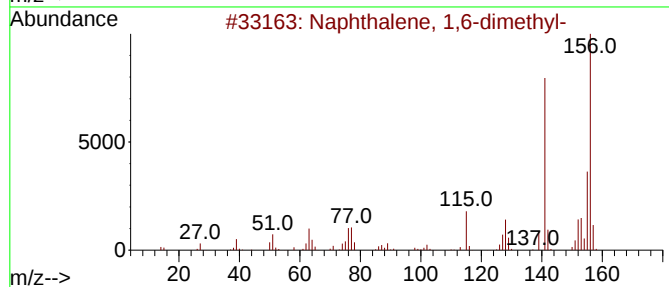
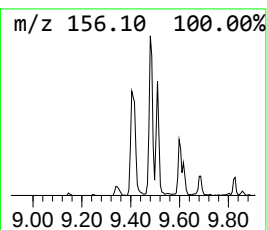
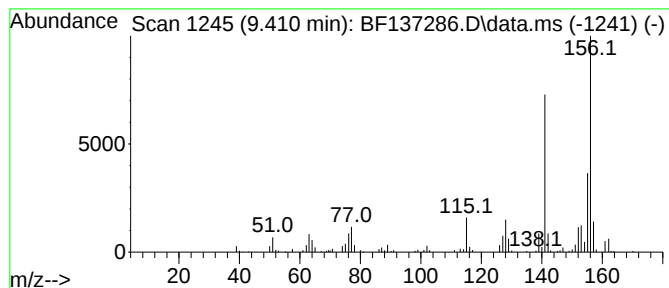
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	9.38 ng	190950	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



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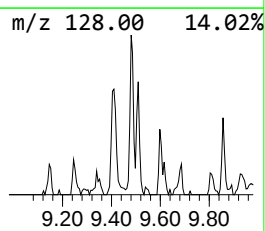
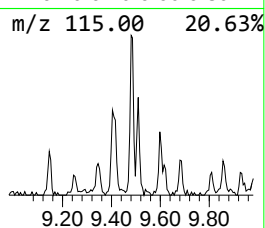
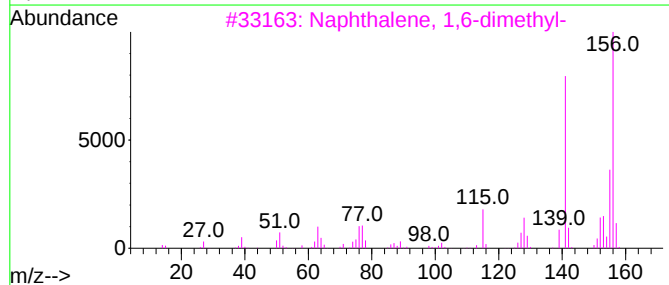
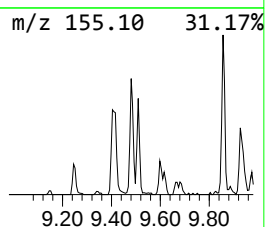
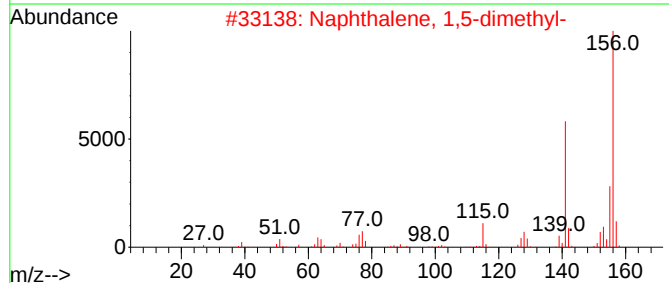
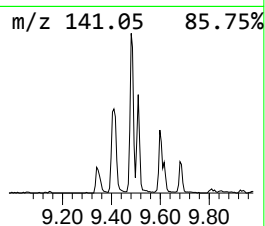
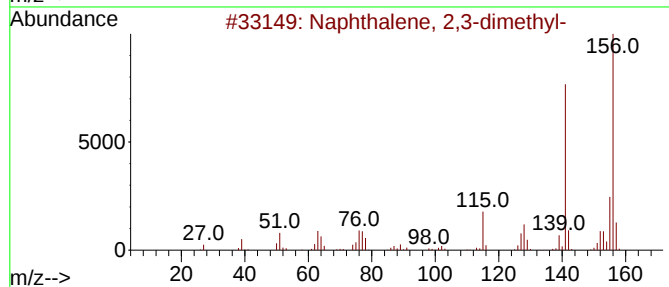
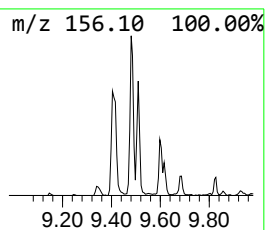
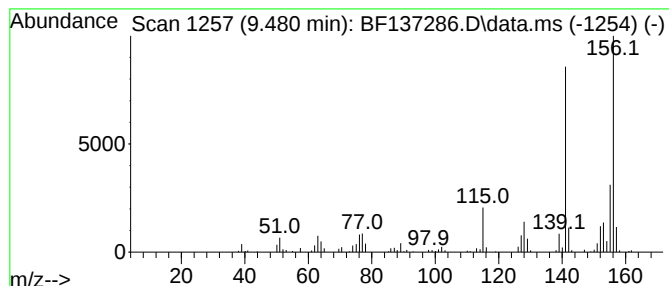
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.480	10.02 ng	204081	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



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Data File : BF137286.D
Acq On : 05 Feb 2024 20:18
Operator : CG\JU
Sample : P1355-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
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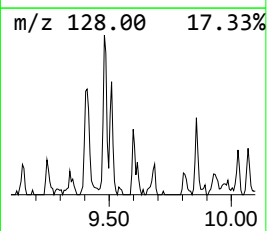
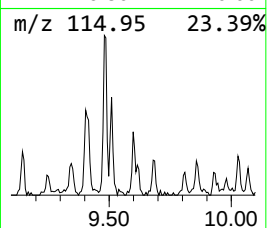
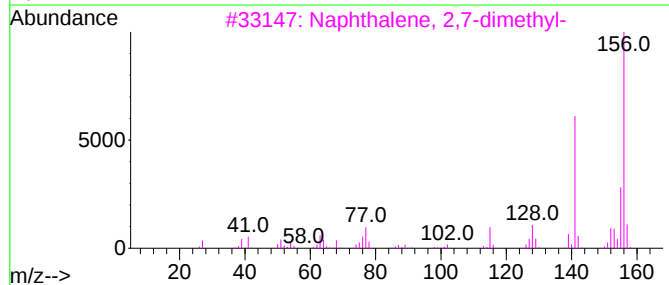
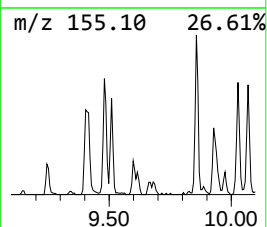
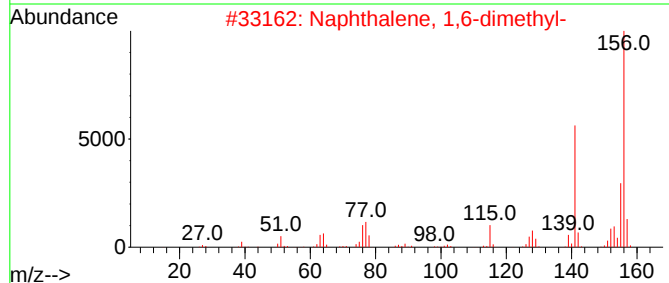
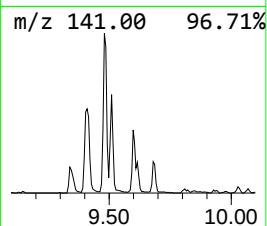
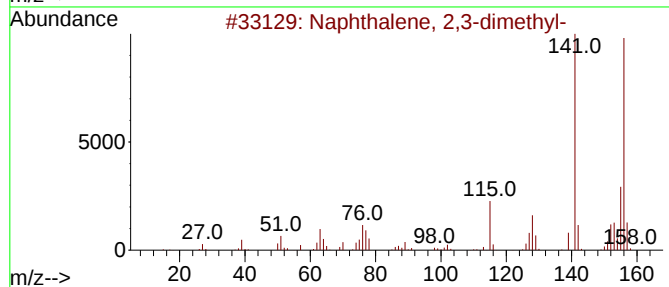
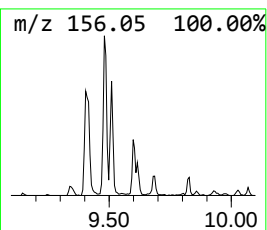
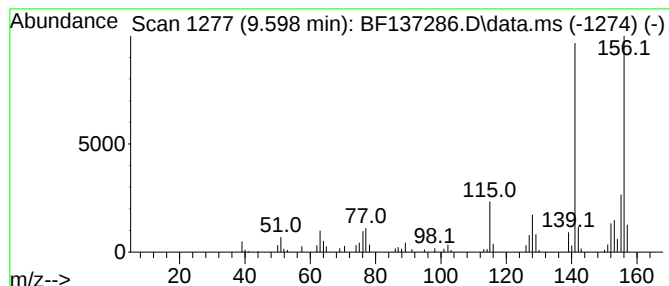
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	4.63 ng	94225	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137286.D
Acq On : 05 Feb 2024 20:18
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Sample : P1355-01
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Instrument :
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ClientSampleId :
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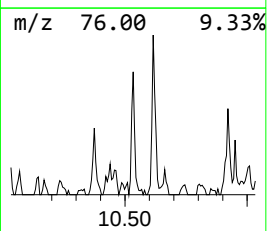
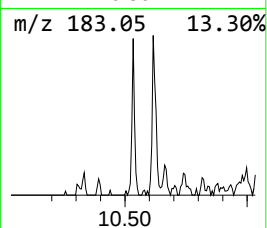
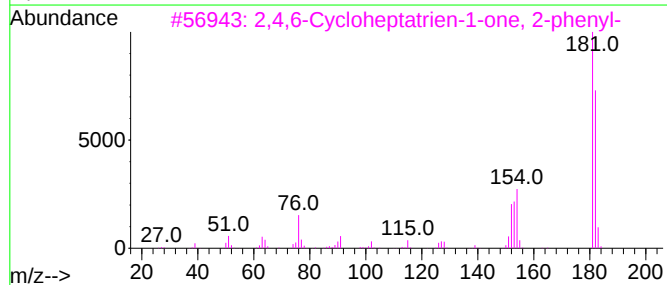
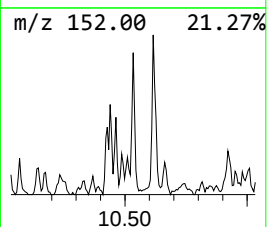
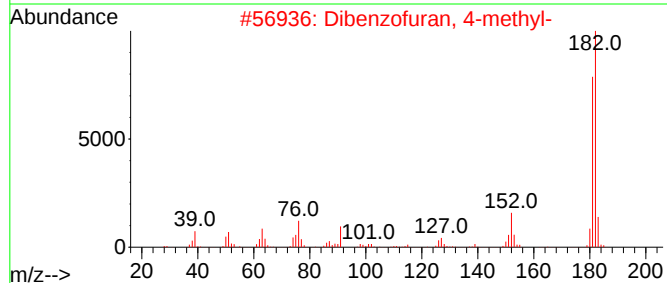
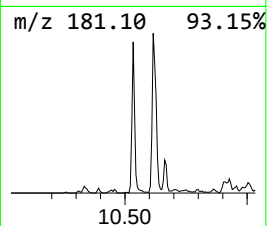
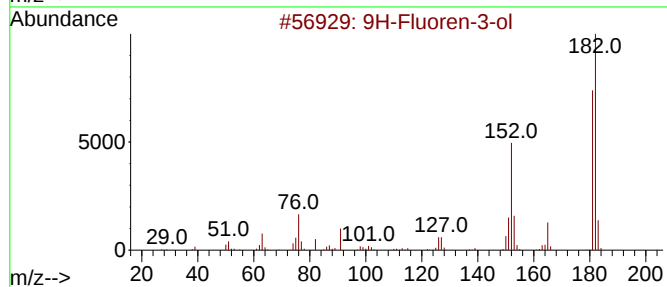
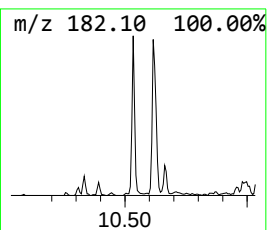
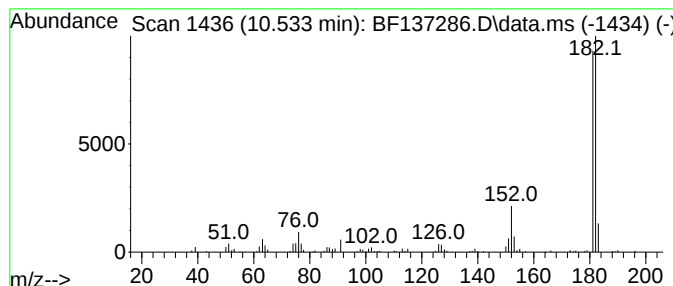
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 9H-Fluoren-3-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.533	6.56 ng	133519	Acenaphthene-d10	9.827

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
2			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
3			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
5			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137286.D
Acq On : 05 Feb 2024 20:18
Operator : CG\JU
Sample : P1355-01
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ClientSampleId :
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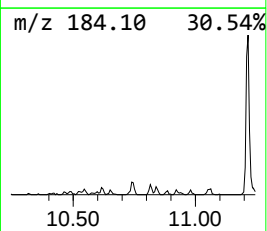
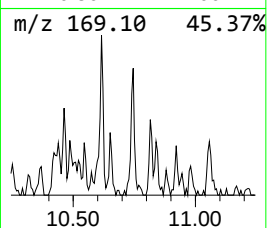
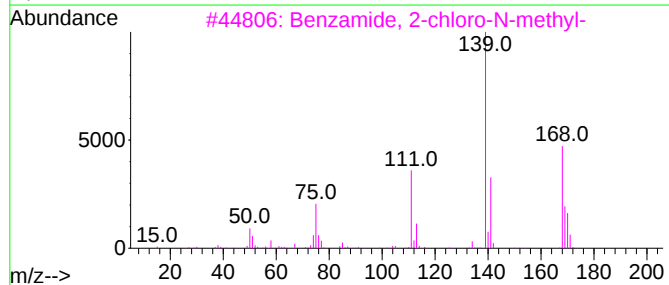
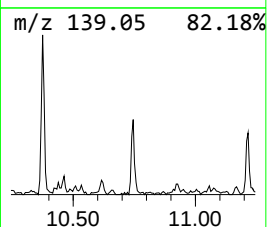
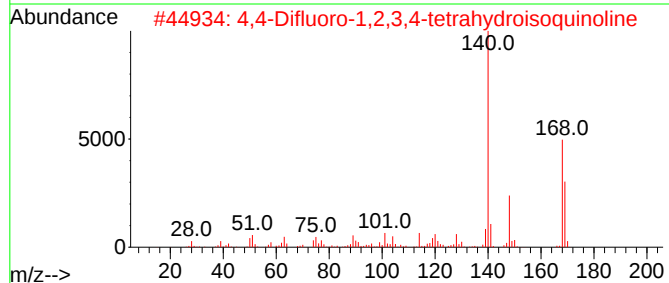
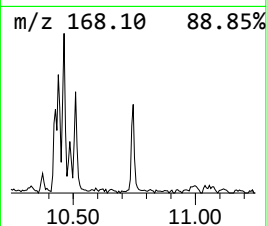
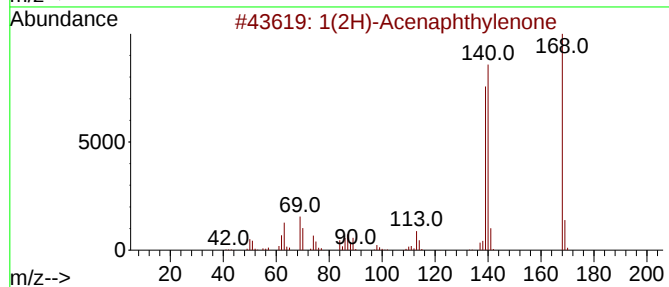
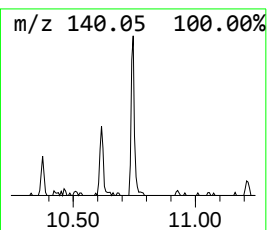
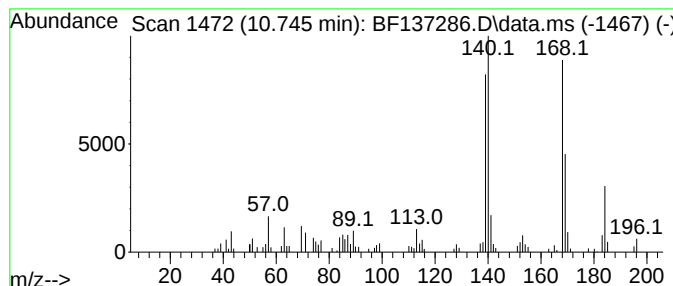
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1(2H)-Acenaphthylenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.745	4.83 ng	90773	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	95
2			4,4-Difluoro-1,2,3,4-tetrahydroi...	169	C9H9F2N	537033-81-1	50
3			Benzamide, 2-chloro-N-methyl-	169	C8H8ClNO	1000407-42-6	47
4			Dibenzofuran	168	C12H8O	000132-64-9	46
5			Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137286.D
Acq On : 05 Feb 2024 20:18
Operator : CG\JU
Sample : P1355-01
Misc :
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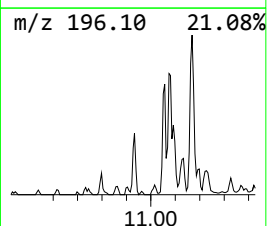
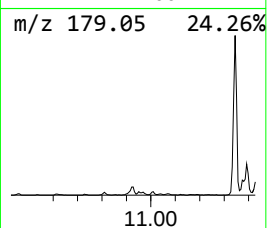
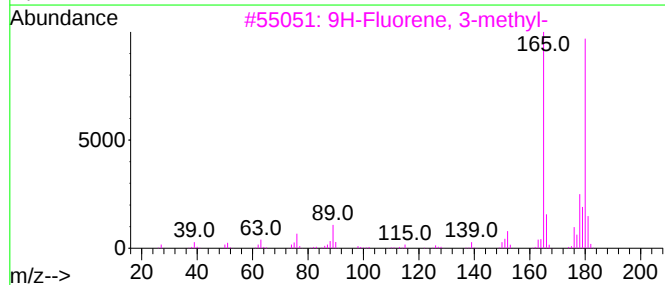
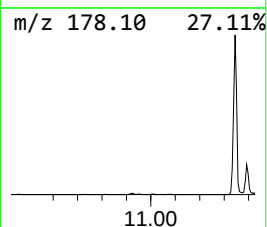
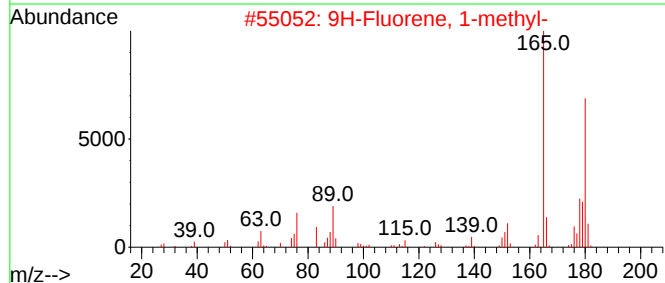
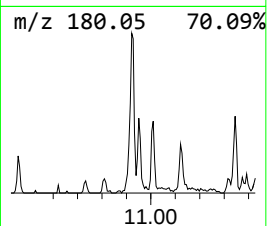
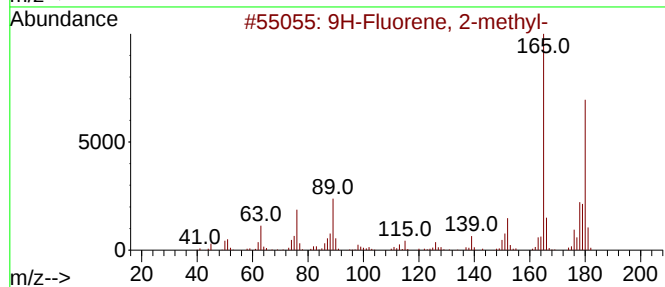
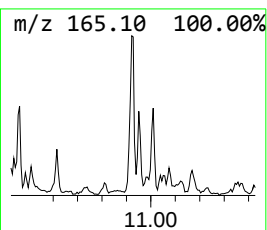
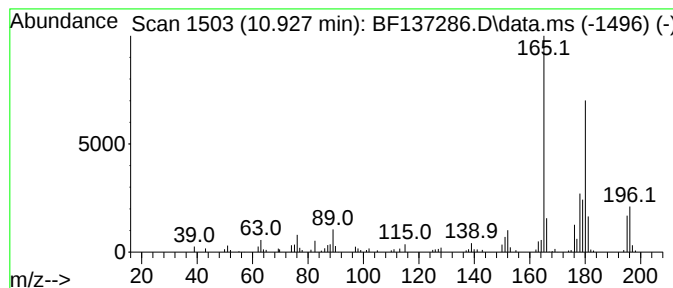
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.927	7.53 ng	141585	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	86
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	62



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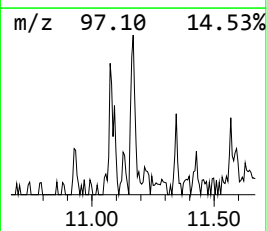
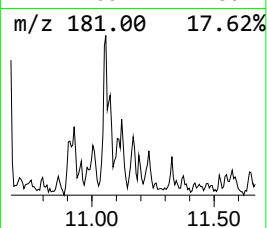
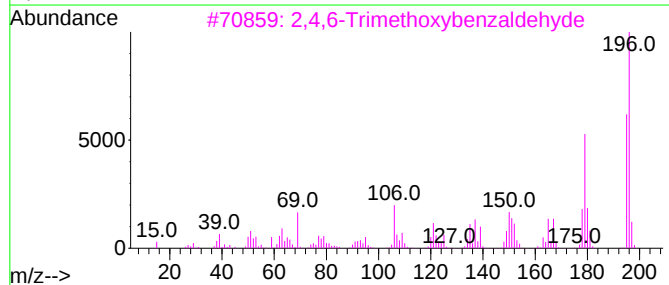
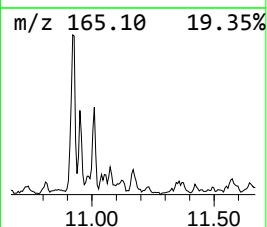
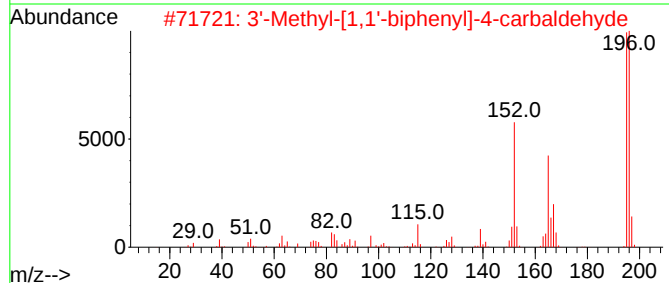
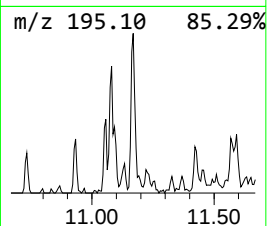
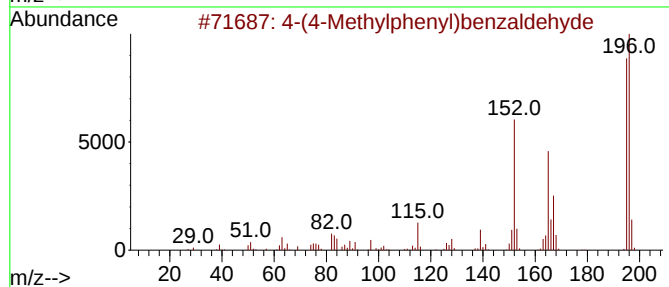
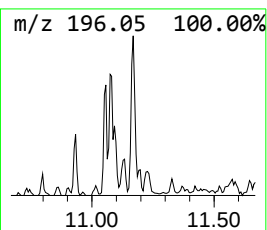
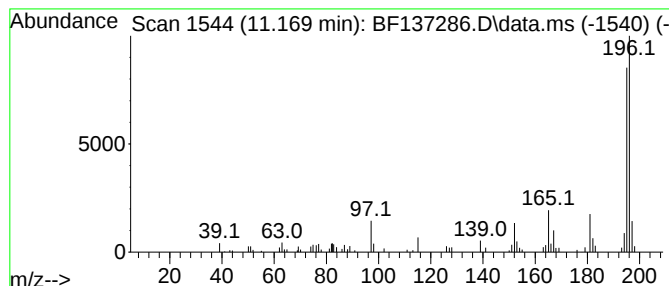
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4-(4-Methylphenyl)benzaldehyde Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.169	4.95 ng	93083	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde		196	C14H12O	036393-42-7	87
2	3'-Methyl-[1,1'-biphenyl]-4-carb...		196	C14H12O	400744-83-4	87
3	2,4,6-Trimethoxybenzaldehyde		196	C10H12O4	000830-79-5	86
4	8-Dimethylaminonaphthalene-1-car...		196	C13H12N2	128644-69-9	72
5	Phenol, 4-(2-phenylethenyl)-		196	C14H12O	003839-46-1	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137286.D
Acq On : 05 Feb 2024 20:18
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ClientSampleId :
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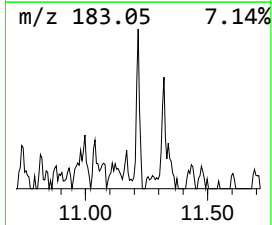
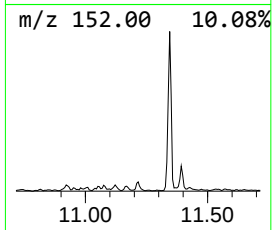
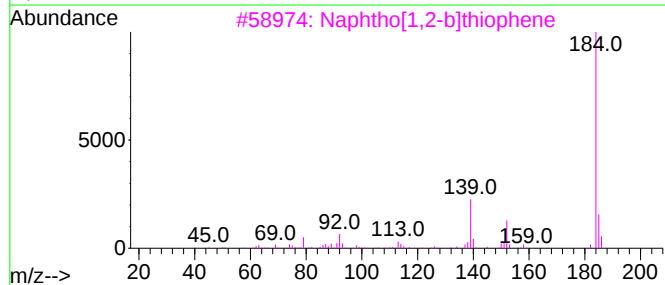
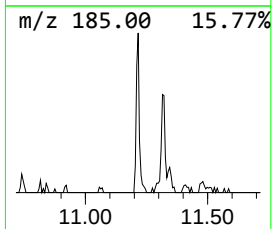
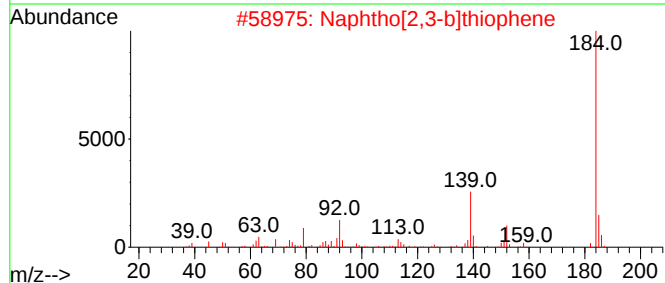
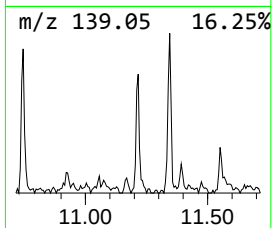
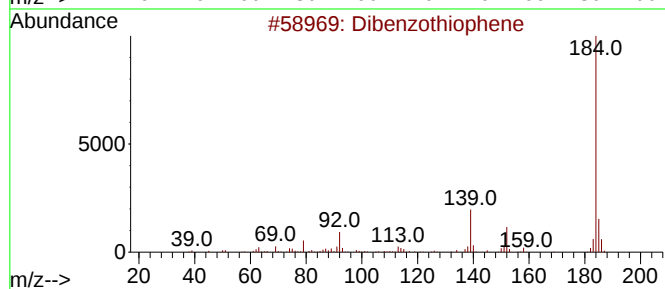
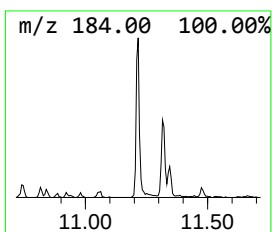
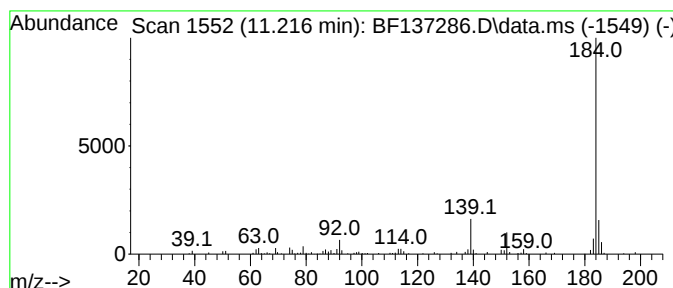
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	5.82 ng	109474	Phenanthrene-d10	11.316

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	96
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137286.D
Acq On : 05 Feb 2024 20:18
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ALS Vial : 18 Sample Multiplier: 1

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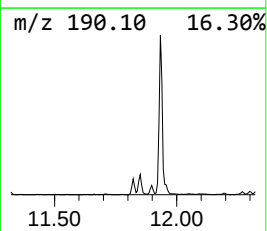
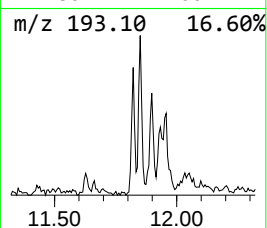
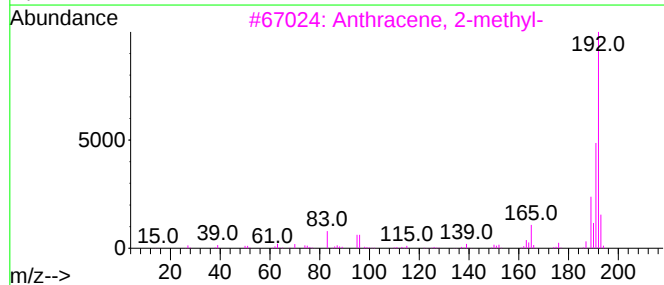
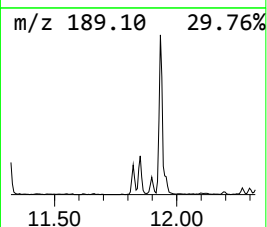
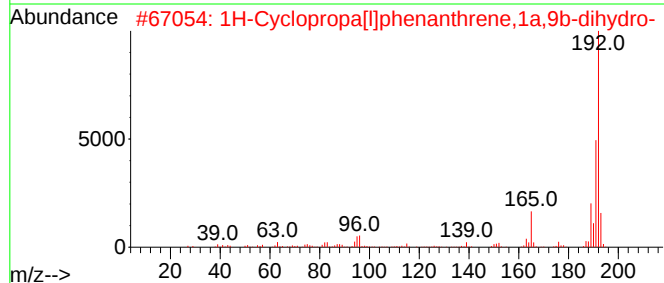
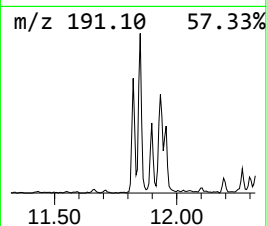
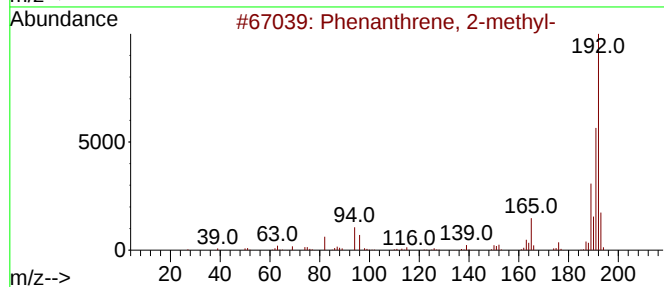
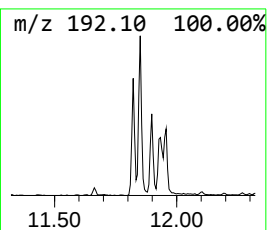
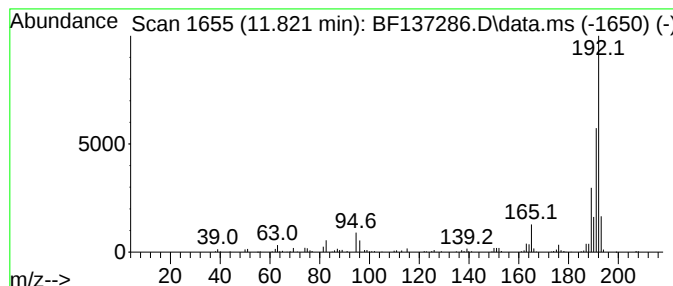
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	9.56 ng	179818	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137286.D
Acq On : 05 Feb 2024 20:18
Operator : CG\JU
Sample : P1355-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

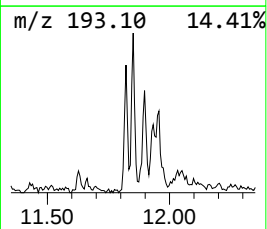
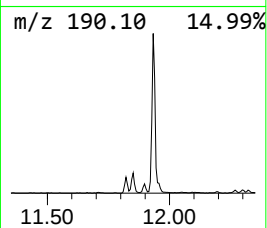
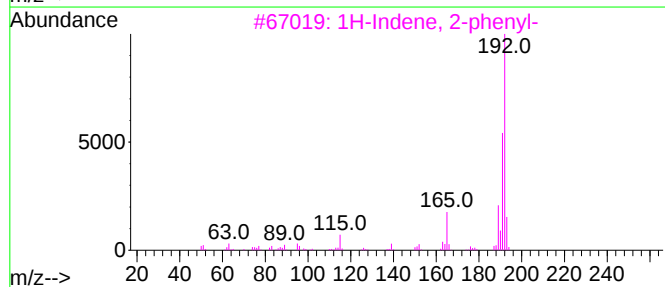
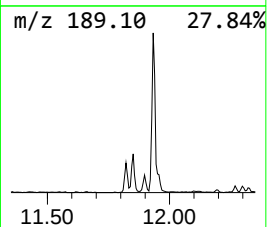
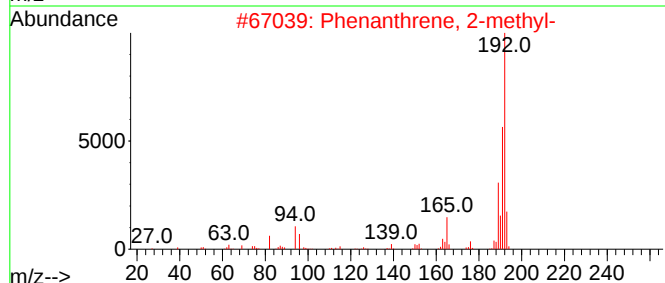
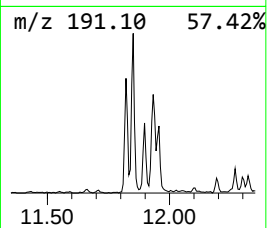
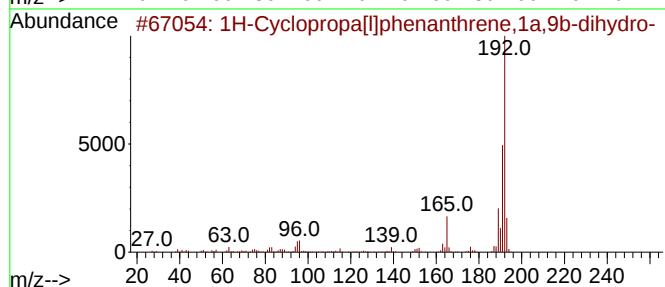
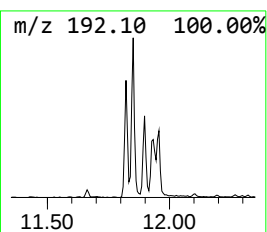
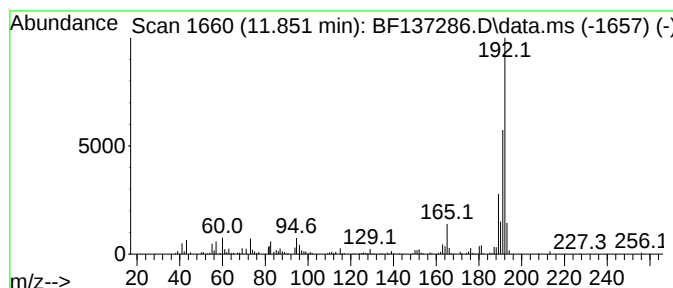
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ClientSampleId :
VNJ-214

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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 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.851	18.02 ng	338894	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	96
3	1H-Indene, 2-phenyl-		192	C15H12	004505-48-0	96
4	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	94
5	Anthracene, 2-methyl-		192	C15H12	000613-12-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137286.D
Acq On : 05 Feb 2024 20:18
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Sample : P1355-01
Misc :
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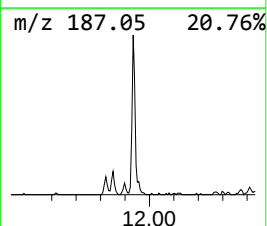
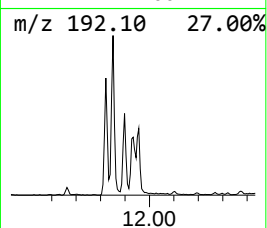
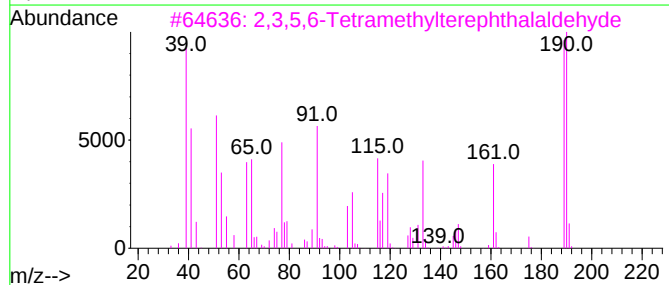
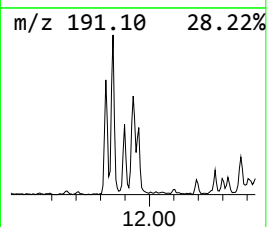
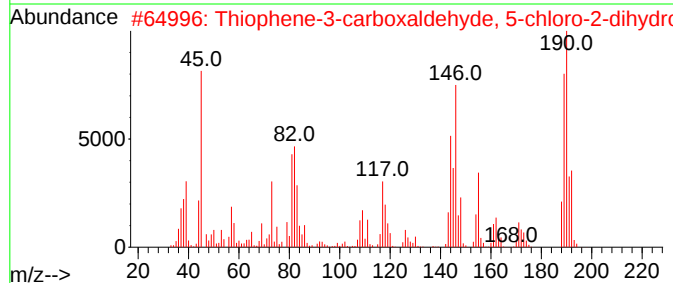
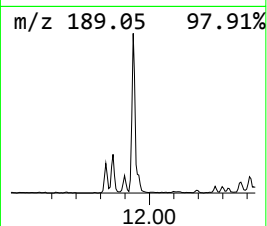
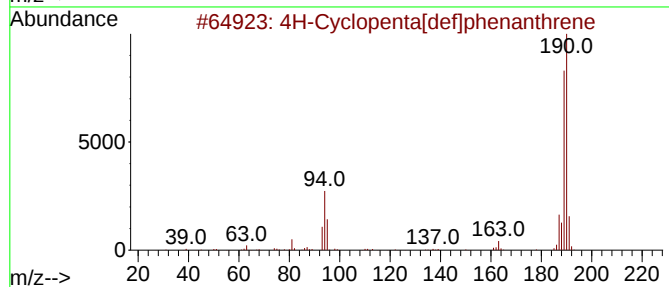
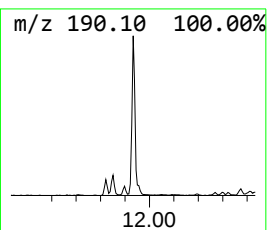
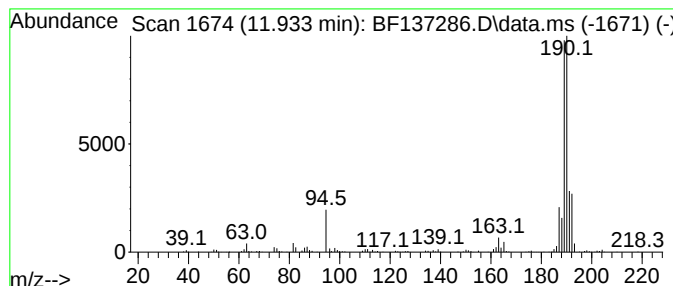
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	22.63 ng	425453	Phenanthrene-d10	11.316
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		4H-Cyclopenta[def]phenanthrene	190 C15H10	000203-64-5 76
2		Thiophene-3-carboxaldehyde, 5-ch...	190 C5H4BClO3S	036155-87-0 52
3		2,3,5,6-Tetramethylterephthalald...	190 C12H14O2	007072-01-7 50
4		6H-Cyclobuta[jk]phenanthrene	190 C15H10	083469-43-6 45
5		2,2'-Bis(4,5-dimethylimidazole)	190 C10H14N4	069286-06-2 45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
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Acq On : 05 Feb 2024 20:18
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Sample : P1355-01
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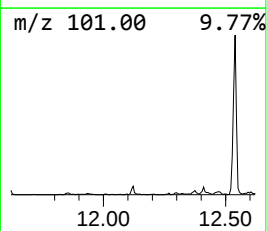
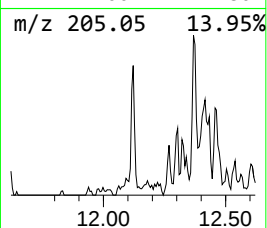
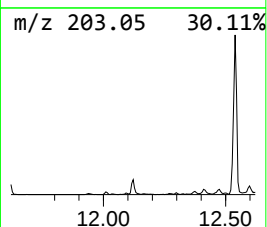
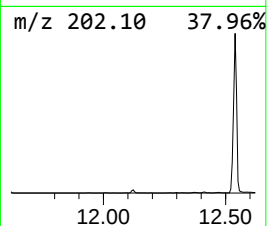
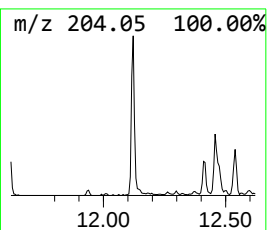
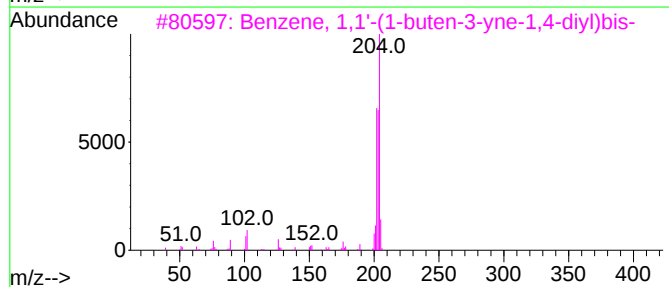
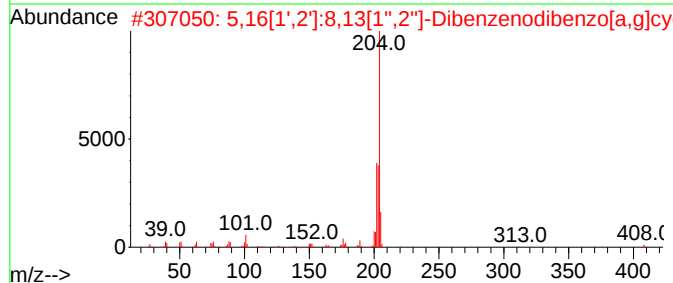
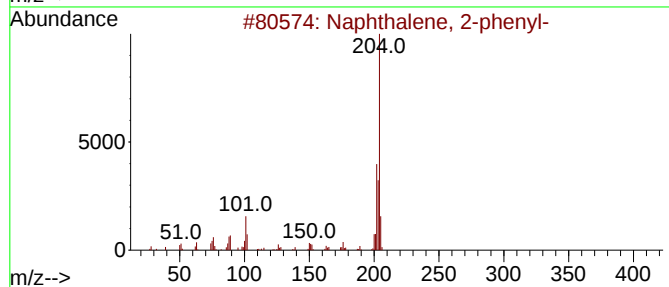
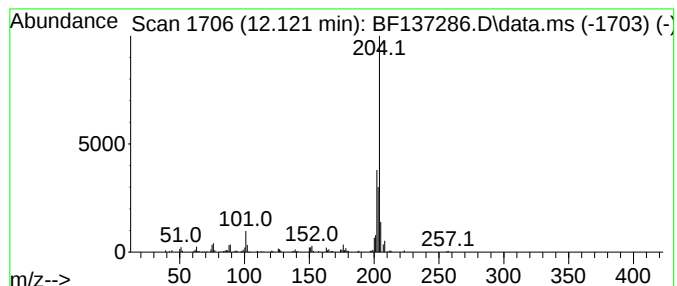
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.121	5.15 ng	96832	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...		408	C32H24	005672-97-9	87
3	Benzene, 1,1'-(1-buten-3-yne-1,4...		204	C16H12	013141-45-2	64
4	9,10-Bis(bromomethyl)anthracene		362	C16H12Br2	034373-96-1	58
5	[1,1'-Bi(phenyl)]-2,2'-dicarbonitrile		204	C14H8N2	004341-02-0	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
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Sample : P1355-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

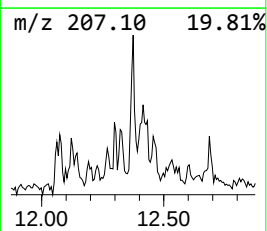
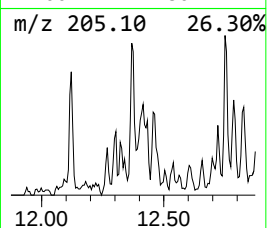
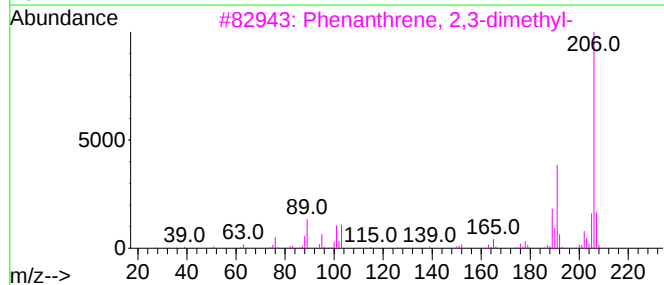
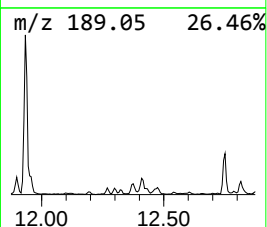
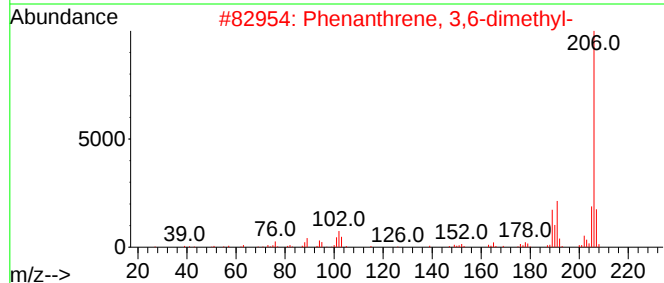
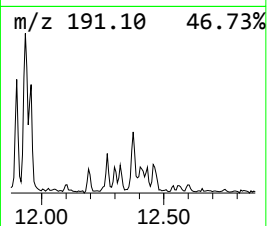
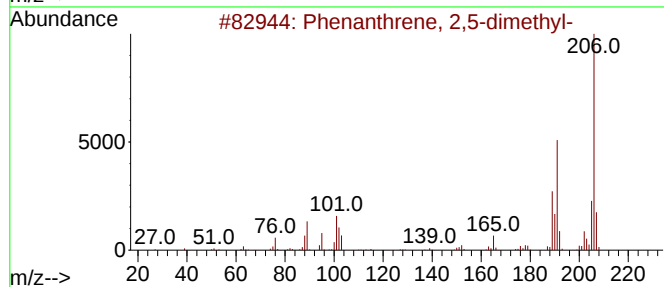
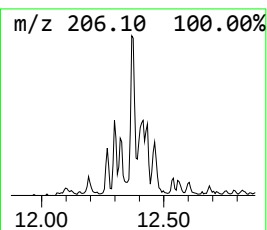
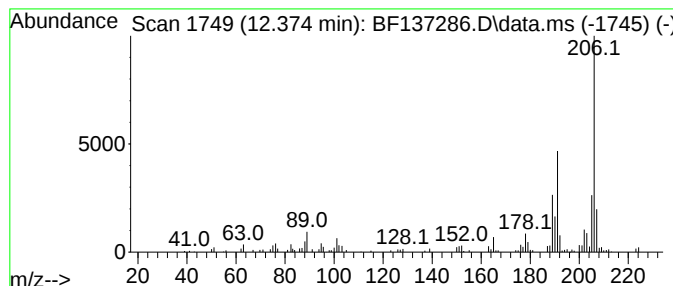
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.374	6.25 ng	117466	Phenanthrene-d10		11.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	94
2	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	94
3	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	93
4	9,10-Dimethylantracene		206	C16H14	000781-43-1	93
5	di-p-Tolylacetylene		206	C16H14	002789-88-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137286.D
Acq On : 05 Feb 2024 20:18
Operator : CG\JU
Sample : P1355-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-214

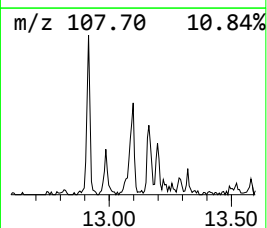
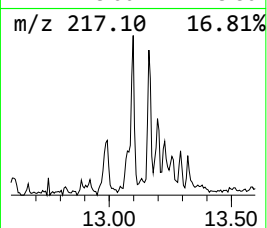
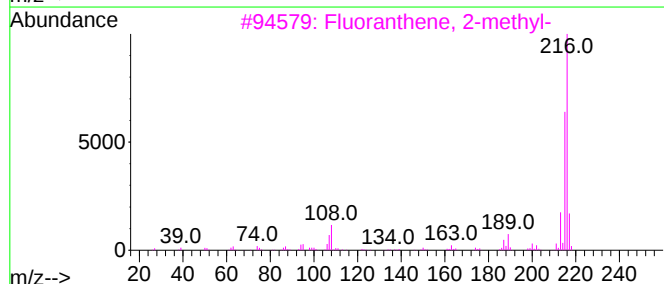
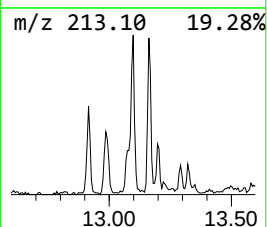
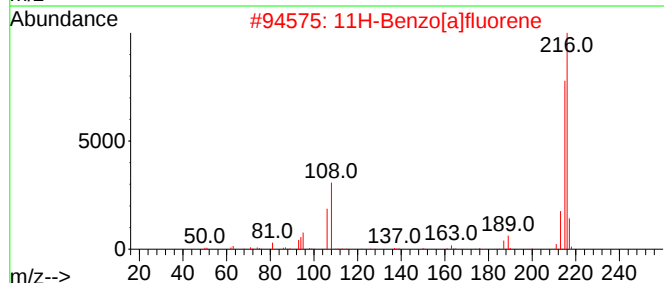
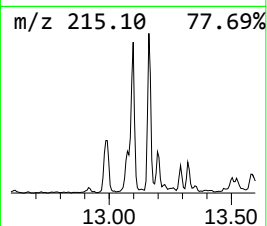
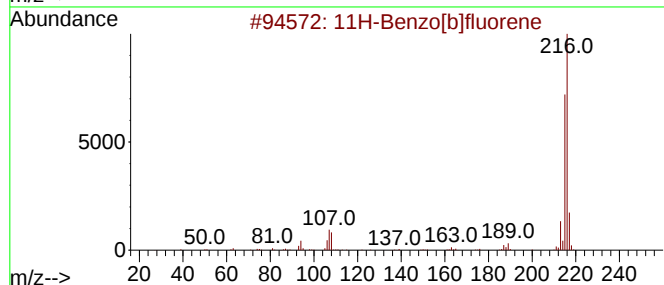
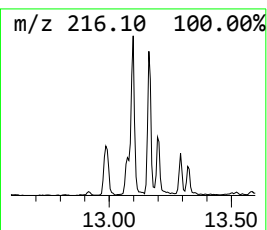
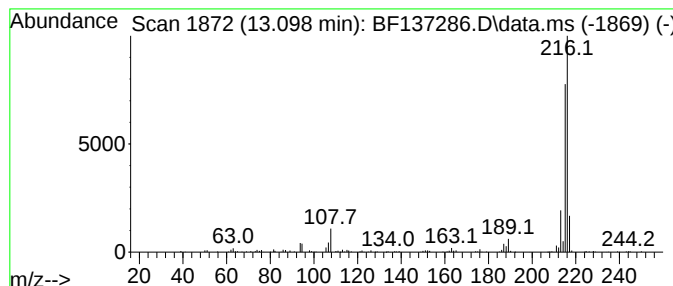
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	6.12 ng	227799	Chrysene-d12	13.968

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137286.D
Acq On : 05 Feb 2024 20:18
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-214

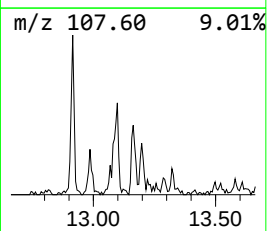
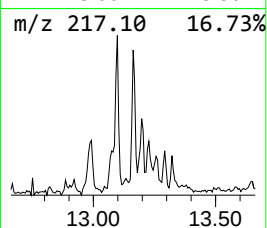
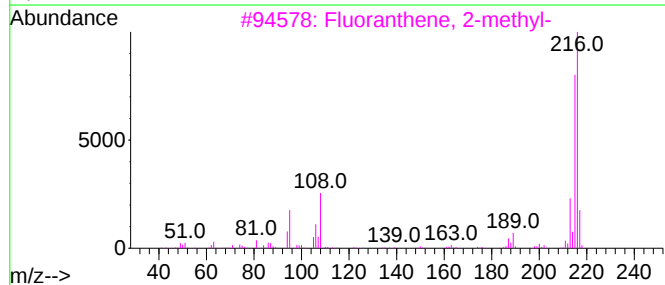
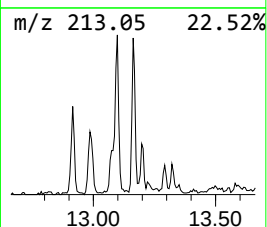
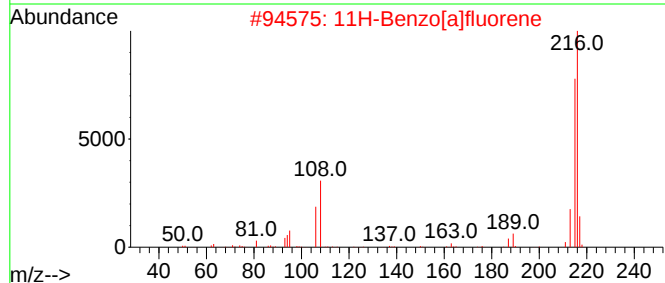
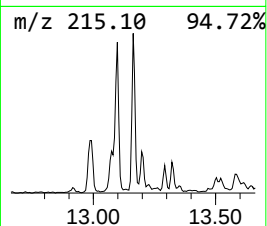
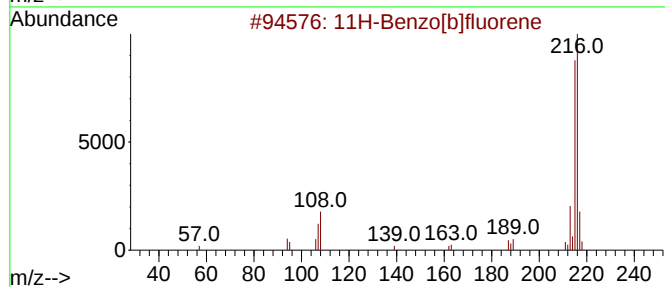
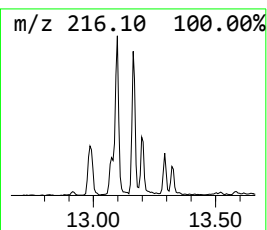
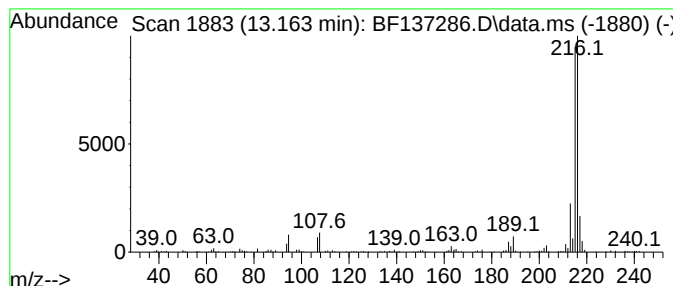
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	6.01 ng	223662	Chrysene-d12	13.968

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020524\
Data File : BF137286.D
Acq On : 05 Feb 2024 20:18
Operator : CG\JU
Sample : P1355-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-214

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.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
Butane, 2-metho...	2.116	12.0	ng	166152	1	6.792	277210	20.0
Naphthalene, 1,...	9.410	9.4	ng	190950	3	9.827	407209	20.0
Naphthalene, 1,...	9.480	10.0	ng	204081	3	9.827	407209	20.0
Naphthalene, 2,...	9.598	4.6	ng	94225	3	9.827	407209	20.0
9H-Fluoren-3-ol	10.533	6.6	ng	133519	3	9.827	407209	20.0
1(2H)-Acenaphth...	10.745	4.8	ng	90773	4	11.316	376048	20.0
9H-Fluorene, 2-...	10.927	7.5	ng	141585	4	11.316	376048	20.0
4-(4-Methylphen...	11.169	5.0	ng	93083	4	11.316	376048	20.0
Dibenzothiophene	11.216	5.8	ng	109474	4	11.316	376048	20.0
Phenanthrene, 2...	11.822	9.6	ng	179818	4	11.316	376048	20.0
1H-Cyclopropa[1...	11.851	18.0	ng	338894	4	11.316	376048	20.0
4H-Cyclopenta[d...	11.933	22.6	ng	425453	4	11.316	376048	20.0
Naphthalene, 2-...	12.121	5.2	ng	96832	4	11.316	376048	20.0
Phenanthrene, 2...	12.374	6.3	ng	117466	4	11.316	376048	20.0
11H-Benzo[b]flu...	13.098	6.1	ng	227799	5	13.968	744486	20.0
11H-Benzo[a]flu...	13.163	6.0	ng	223662	5	13.968	744486	20.0