LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139778.D
Acq On : 11 Oct 2024 16:45
Operator : RC/JU
Sample : P4364-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-1.0-1.5

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-BF100124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139778.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	9	20	rVB	1366872	2155203	51.74%	4.453%
2	5.081	503	508	515	rVB	77814	110784	2.66%	0.229%
3	5.493	572	578	591	rVB	1048001	1393651	33.46%	2.880%
4	5.710	607	615	622	rBV3	45497	84409	2.03%	0.174%
5	6.504	744	750	761	rVB	947102	1272252	30.54%	2.629%
6	6.698	778	783	788	rBV3	94560	153562	3.69%	0.317%
7	6.745	788	791	802	rVB	28743	50148	1.20%	0.104%
8	6.869	807	812	818	rVB	329473	408695	9.81%	0.844%
9	7.134	851	857	862	rBV2	50428	83663	2.01%	0.173%
10	7.428	899	907	915	rBV	635048	840234	20.17%	1.736%
11	7.728	953	958	966	rVB	154271	224337	5.39%	0.464%
12	7.898	982	987	991	rBV3	25911	46664	1.12%	0.096%
13	7.951	991	996	1004	rVB3	32216	67742	1.63%	0.140%
14	8.151	1022	1030	1037	rBV2	337245	659062	15.82%	1.362%
15	8.363	1061	1066	1072	rBV	126747	170957	4.10%	0.353%
16	8.422	1072	1076	1085	rVB	138489	189322	4.54%	0.391%
17	8.734	1125	1129	1134	rVB	33699	42266	1.01%	0.087%
18	8.857	1146	1150	1157	rVB2	137108	181785	4.36%	0.376%
19	8.922	1157	1161	1164	rBV2	37807	51091	1.23%	0.106%
20	8.963	1164	1168	1175	rVB	96002	129240	3.10%	0.267%
21	9.139	1194	1198	1205	rBV2	35415	70095	1.68%	0.145%
22	9.222	1207	1212	1217	rVB	1044970	1257762	30.19%	2.599%
23	9.298	1221	1225	1228	rBV	58943	81407	1.95%	0.168%
24	9.422	1243	1246	1251	rVB2	25860	42098	1.01%	0.087%
25	9.486	1251	1257	1261	rBV2	61666	105622	2.54%	0.218%
26	9.563	1265	1270	1272	rBV	88805	122962	2.95%	0.254%
27	9.622	1277	1280	1286	rVB2	49916	76295	1.83%	0.158%
28	9.681	1286	1290	1299	rBV	44243	74486	1.79%	0.154%
29	9.763	1300	1304	1309	rBV	206481	269404	6.47%	0.557%
30	9.828	1312	1315	1320	rVB2	44649	53631	1.29%	0.111%
31	9.904	1320	1328	1331	rBV	343843	497113	11.93%	1.027%
32	9.933	1331	1333	1337	rVB	184321	209191	5.02%	0.432%
33	10.057	1350	1354	1357	rBV3	29523	49109	1.18%	0.101%
34	10.104	1358	1362	1366	rVV2	125463	170444	4.09%	0.352%
35	10.145	1366	1369	1373	rVB2	43210	50031	1.20%	0.103%
36	10.216	1377	1381	1384	rBV3	51111	77436	1.86%	0.160%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139778.D
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Operator : RC/JU
Sample : P4364-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-1.0-1.5

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-BF100124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.245	1384	1386	1392	rVB	37006	51778	1.24%	0.107%
38	10.328	1392	1400	1403	rBV4	81411	167384	4.02%	0.346%
39	10.451	1417	1421	1427	rVB	210484	278930	6.70%	0.576%
40	10.516	1427	1432	1433	rBV2	31656	47943	1.15%	0.099%
41	10.539	1434	1436	1443	rVV3	43562	90393	2.17%	0.187%
42	10.616	1444	1449	1455	rVB2	179353	272752	6.55%	0.564%
43	10.692	1457	1462	1467	rBV	641581	822979	19.76%	1.701%
44	10.810	1477	1482	1489	rVB3	134732	242762	5.83%	0.502%
45	10.998	1509	1514	1517	rBV4	76594	128280	3.08%	0.265%
46	11.198	1544	1548	1552	rVB	114568	139130	3.34%	0.287%
47	11.245	1552	1556	1559	rVV3	109190	162023	3.89%	0.335%
48	11.286	1559	1563	1569	rVB2	169138	249771	6.00%	0.516%
49	11.422	1577	1586	1590	rBV2	1989707	3074538	73.81%	6.353%
50	11.469	1590	1594	1598	rVV	500408	599428	14.39%	1.239%
51	11.627	1615	1621	1626	rBV2	246579	398657	9.57%	0.824%
52	11.680	1627	1630	1634	rVV2	105631	157517	3.78%	0.325%
53	11.727	1634	1638	1642	rVB2	82790	117124	2.81%	0.242%
54	11.898	1662	1667	1668	rBV	325448	434141	10.42%	0.897%
55	11.922	1668	1671	1676	rVV2	620230	825241	19.81%	1.705%
56	11.969	1676	1679	1682	rVV	164968	219730	5.27%	0.454%
57	12.010	1682	1686	1693	rVB3	532341	1014717	24.36%	2.097%
58	12.080	1695	1698	1703	rBV6	81447	140508	3.37%	0.290%
59	12.192	1713	1717	1719	rBV	182432	236531	5.68%	0.489%
60	12.216	1719	1721	1726	rVB	166573	200045	4.80%	0.413%
61	12.339	1739	1742	1744	rBV	72469	78303	1.88%	0.162%
62	12.369	1745	1747	1750	rVV	73023	68724	1.65%	0.142%
63	12.445	1756	1760	1763	rBV	259428	376898	9.05%	0.779%
64	12.480	1763	1766	1772	rVV4	173379	307911	7.39%	0.636%
65	12.533	1772	1775	1780	rVB3	195087	271362	6.51%	0.561%
66	12.616	1783	1789	1794	rBV	2712125	3788049	90.94%	7.827%
67	12.704	1801	1804	1807	rVB	113288	123324	2.96%	0.255%
68	12.845	1821	1828	1833	rBV	2525551	4165568	100.00%	8.607%
69	12.886	1833	1835	1840	rVB2	174237	232181	5.57%	0.480%
70	12.980	1843	1851	1858	rVB3	1104251	1925166	46.22%	3.978%
71	13.057	1859	1864	1868	rBV3	268866	496626	11.92%	1.026%
72	13.163	1875	1882	1886	rVB	394355	770218	18.49%	1.591%
73	13.233	1891	1894	1897	rVV	214560	265266	6.37%	0.548%
74	13.269	1897	1900	1908	rVB3	317089	493555	11.85%	1.020%
75	13.363	1913	1916	1919	rVV	195025	256802	6.16%	0.531%
76	13.392	1919	1921	1929	rVB2	204794	313380	7.52%	0.648%

LSC Area Percent Report

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Acq On : 11 Oct 2024 16:45
Operator : RC/JU
Sample : P4364-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-1.0-1.5

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.674	1966	1969	1974	rVB	267084	363384	8.72%	0.751%
78	13.786	1984	1988	1991	rBV2	278103	445446	10.69%	0.920%
79	13.886	2002	2005	2012	rVB	323913	478504	11.49%	0.989%
80	14.033	2024	2030	2034	rBV2	1518484	2855115	68.54%	5.899%
81	14.068	2034	2036	2043	rVB	1262881	1573241	37.77%	3.251%
82	14.427	2094	2097	2100	rVB	213773	250128	6.00%	0.517%
83	15.092	2204	2210	2224	rVV	990090	2581626	61.98%	5.334%
84	15.198	2225	2228	2239	rVB	184251	312918	7.51%	0.647%
85	15.398	2257	2262	2267	rVB	535645	867481	20.83%	1.792%
86	15.462	2268	2273	2278	rVB	812467	1212181	29.10%	2.505%
87	15.521	2279	2283	2286	rBV	206390	340570	8.18%	0.704%
88	17.009	2529	2536	2543	rVB2	407873	833936	20.02%	1.723%
89	17.462	2606	2613	2630	rVB	308952	753668	18.09%	1.557%

Sum of corrected areas: 48395986

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
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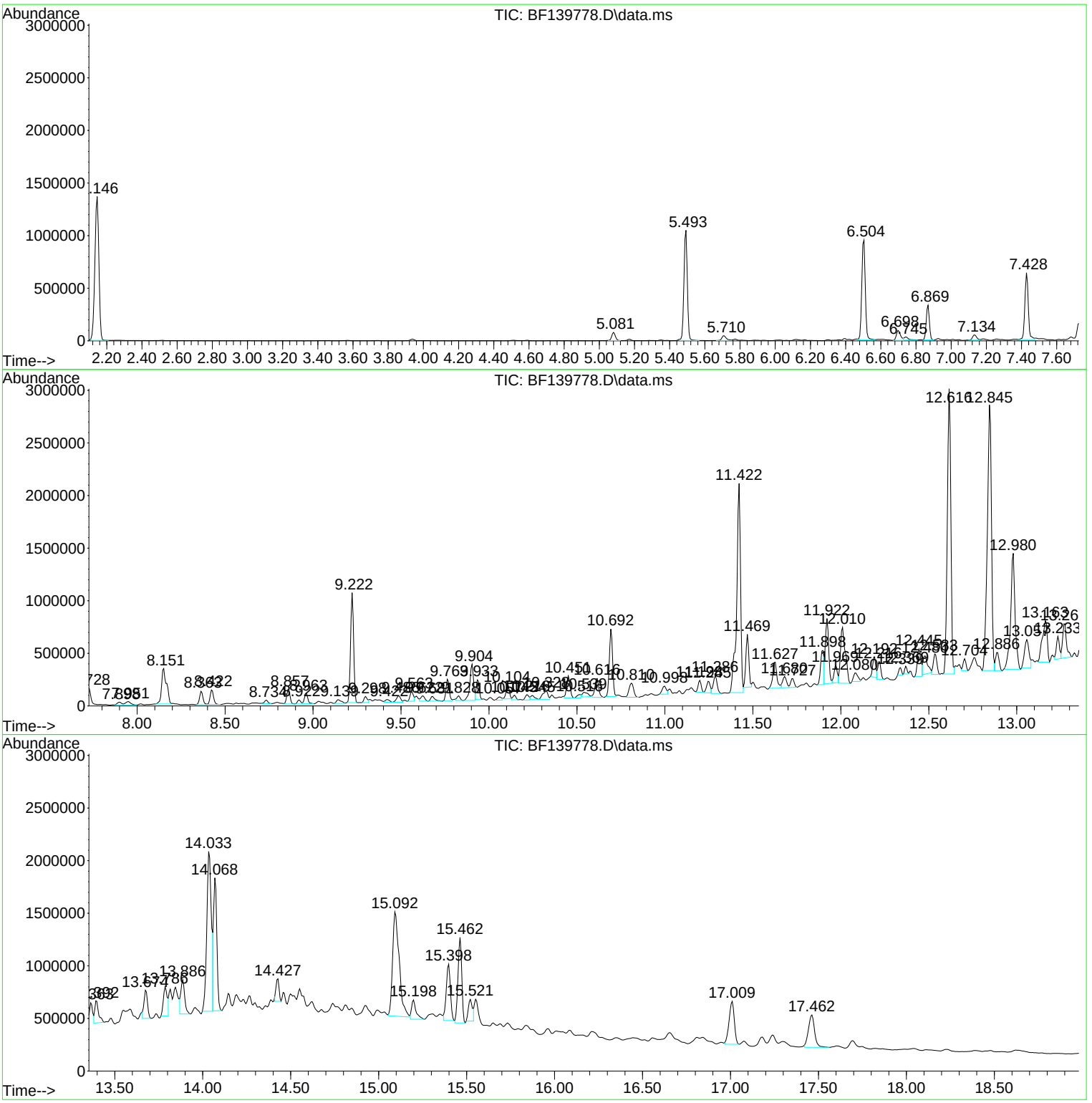
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-1.0-1.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139778.D
Acq On : 11 Oct 2024 16:45
Operator : RC/JU
Sample : P4364-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-1.0-1.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

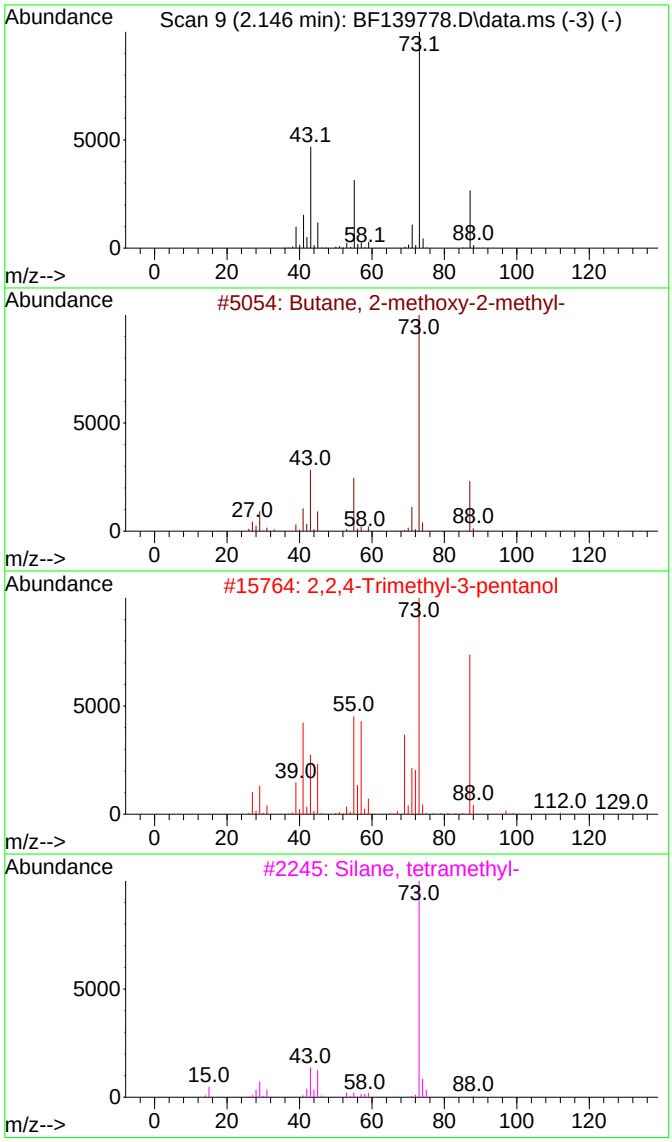
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

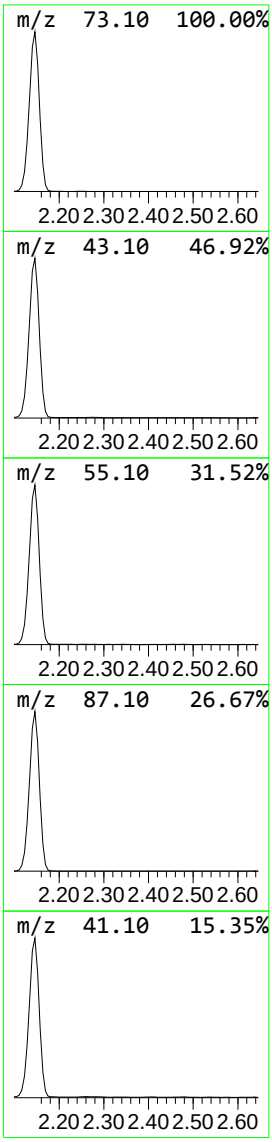
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	105.47 ng	2155200	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139778.D
Acq On : 11 Oct 2024 16:45
Operator : RC/JU
Sample : P4364-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-1.0-1.5

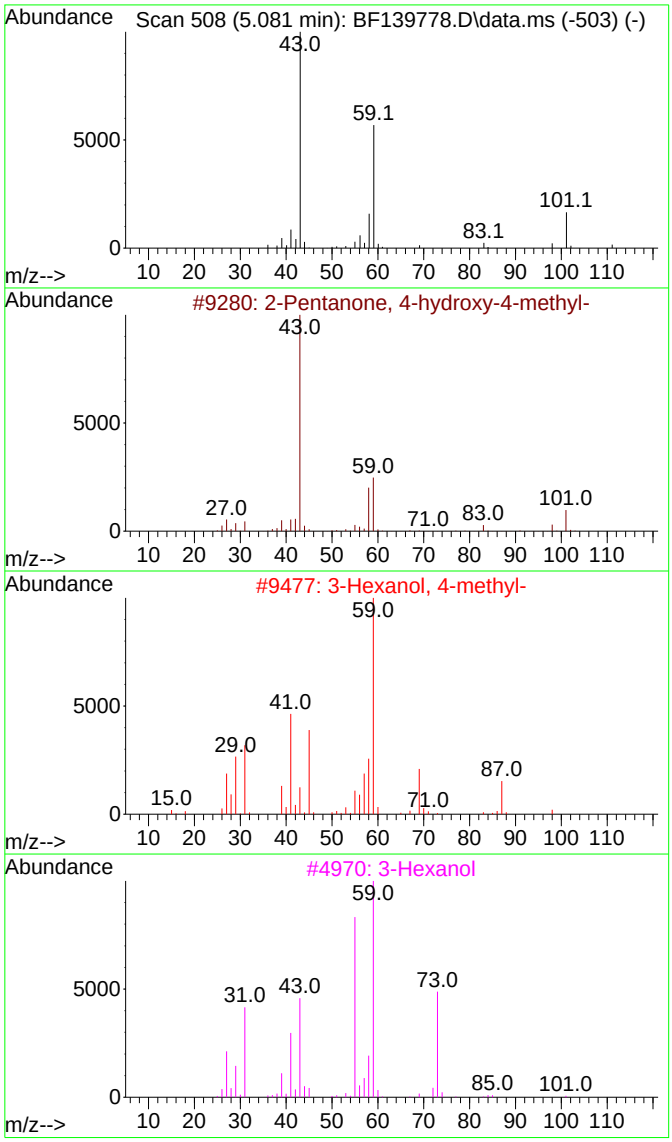
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

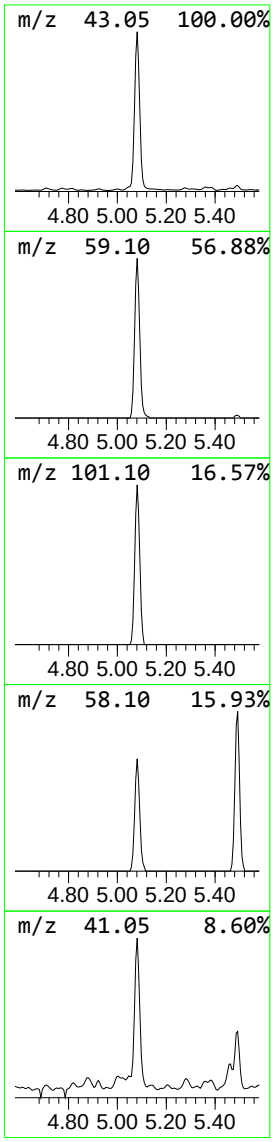
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	5.42 ng	110784	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25





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Data File : BF139778.D
Acq On : 11 Oct 2024 16:45
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Sample : P4364-01
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SB-01-1.0-1.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

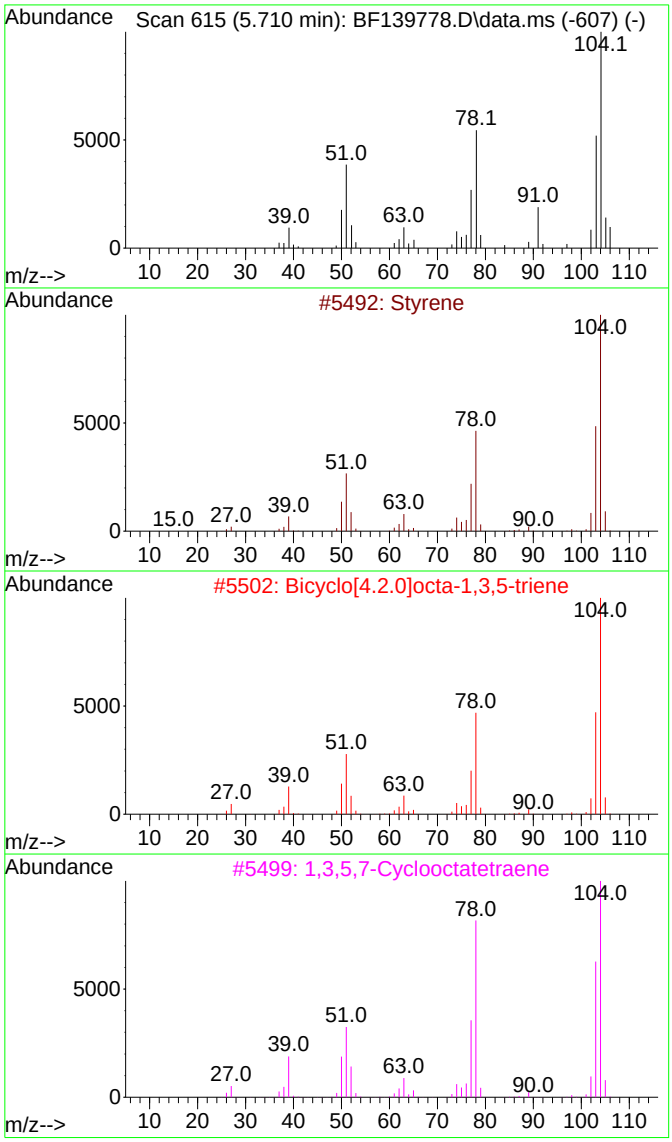
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

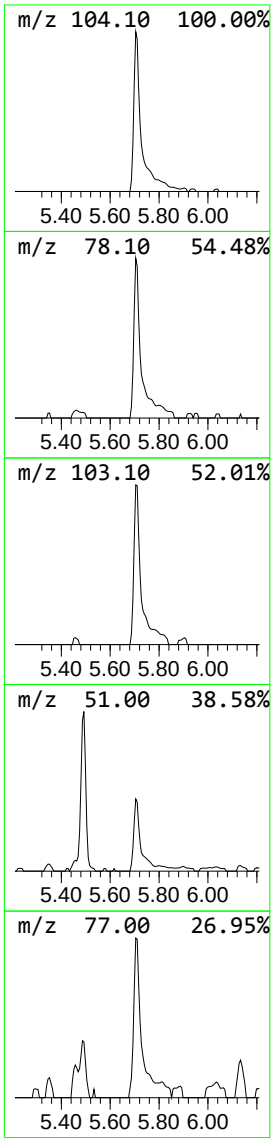
****

Peak Number 3 Styrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.710	4.13 ng	84409	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Styrene	104	C8H8	000100-42-5	94
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	93
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	90
4	Isonicotinic acid, 2-phenylethyl...	227	C14H13NO2	1000308-36-3	59
5	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
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Acq On : 11 Oct 2024 16:45
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Sample : P4364-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
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SB-01-1.0-1.5

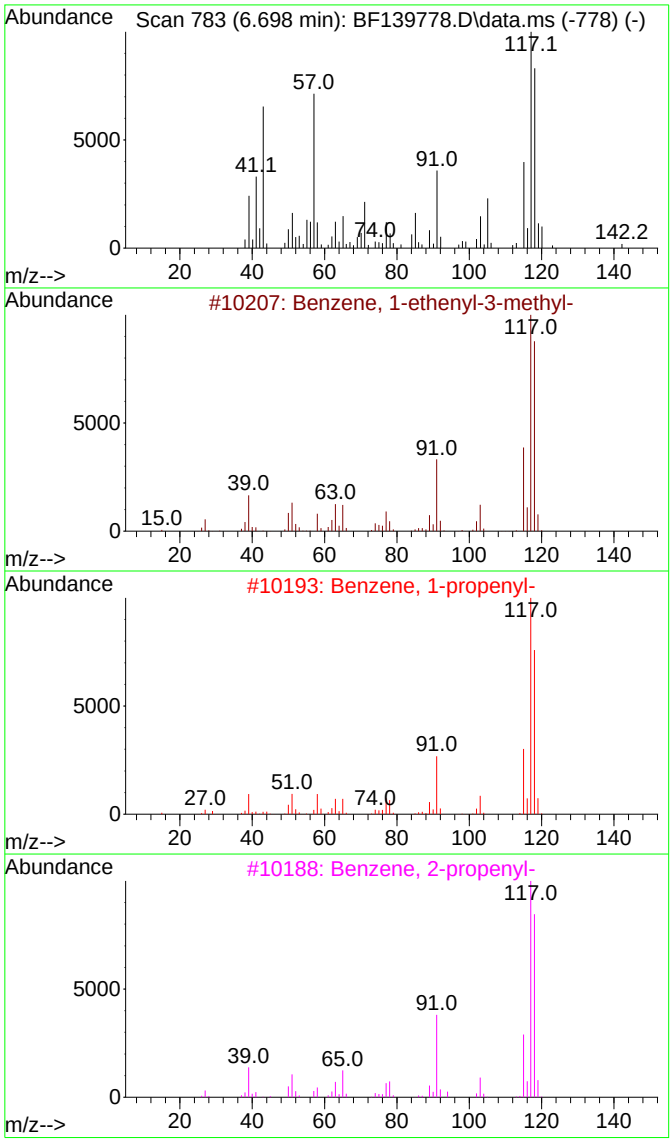
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

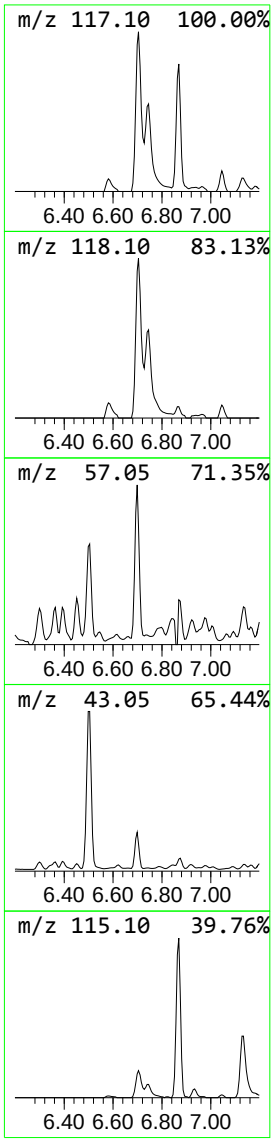
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.698	7.51 ng	153562	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	97
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	93
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	92
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	92
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139778.D
Acq On : 11 Oct 2024 16:45
Operator : RC/JU
Sample : P4364-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-1.0-1.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

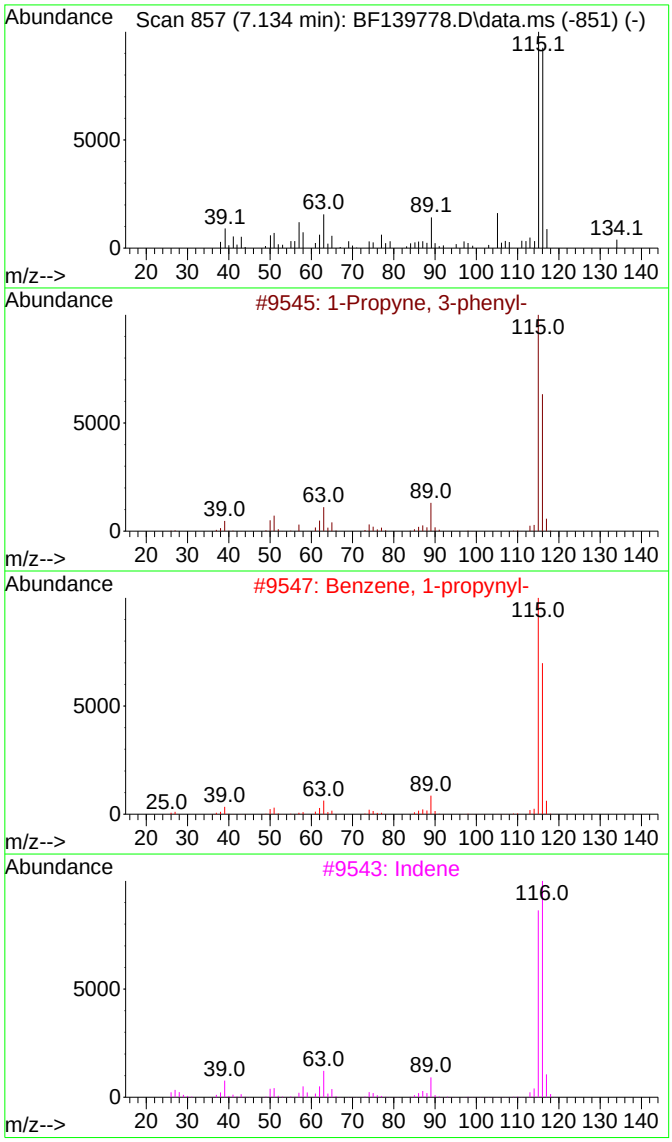
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

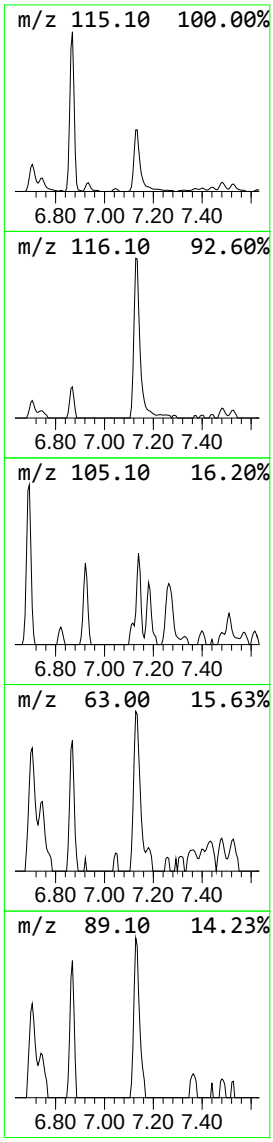
****

Peak Number 5 1-Propyne, 3-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.134	4.09 ng	83663	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
3	Indene	116	C9H8	000095-13-6	90
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	90
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139778.D
Acq On : 11 Oct 2024 16:45
Operator : RC/JU
Sample : P4364-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-1.0-1.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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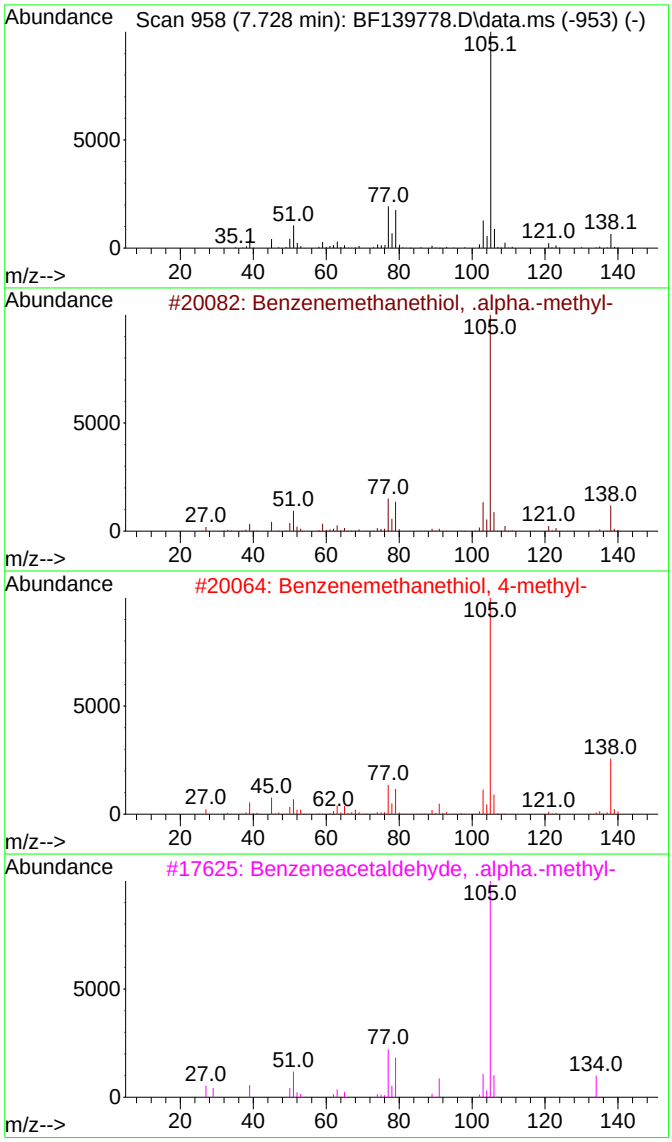
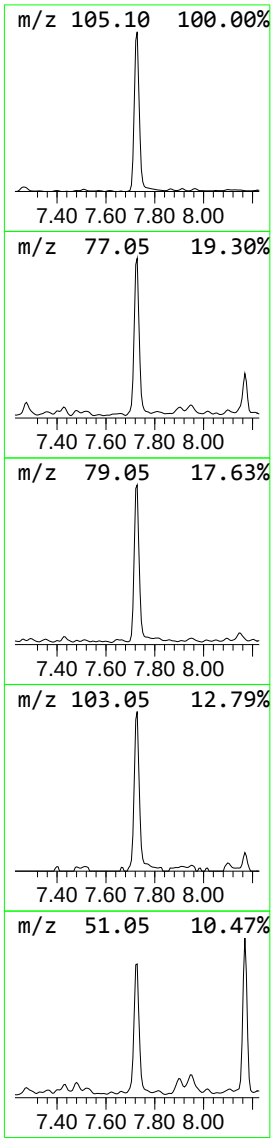
Peak Number 6 Benzenemethanethiol, .alpha... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.728	6.81 ng	224337	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	91
2	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	74
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72
4	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	72
5	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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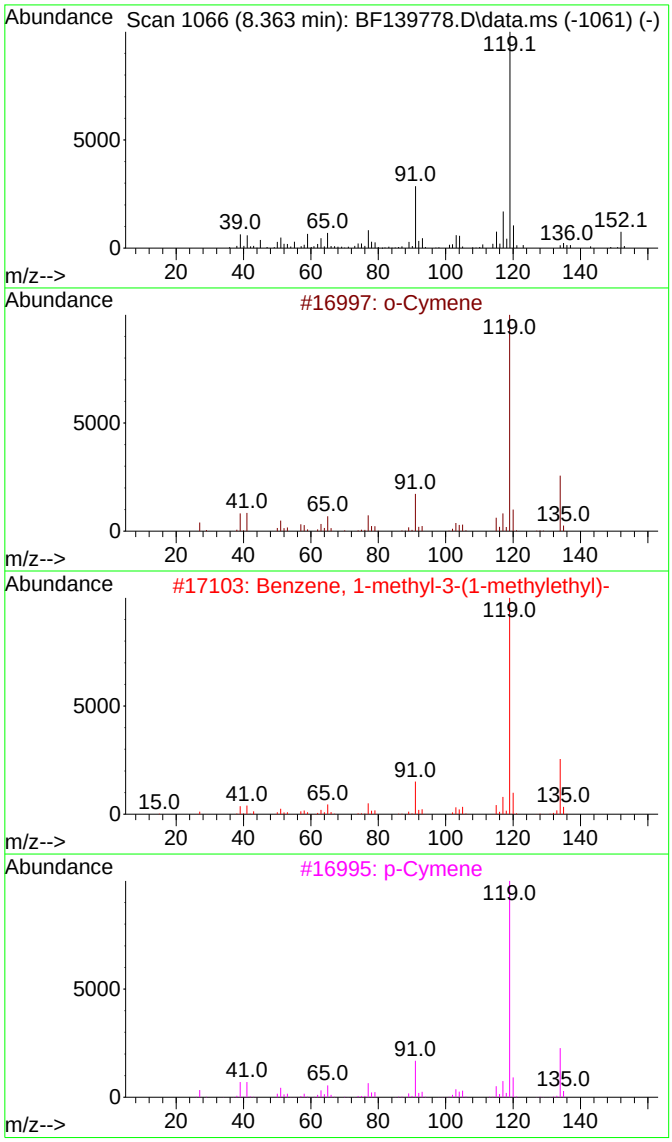
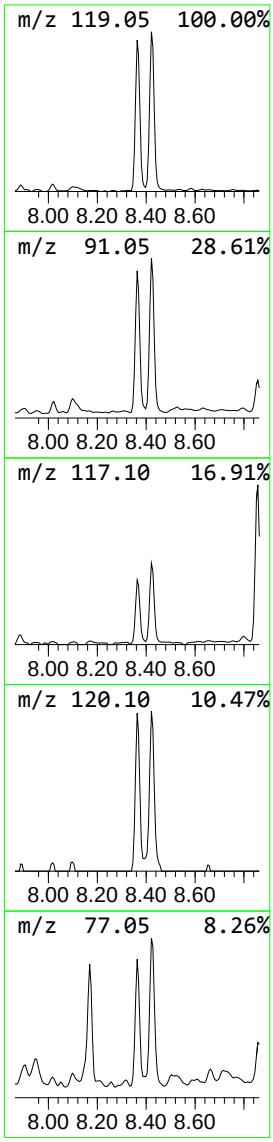
Peak Number 7 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	5.19 ng	170957	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	87
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
3	p-Cymene	134	C10H14	000099-87-6	87
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	80
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	80





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

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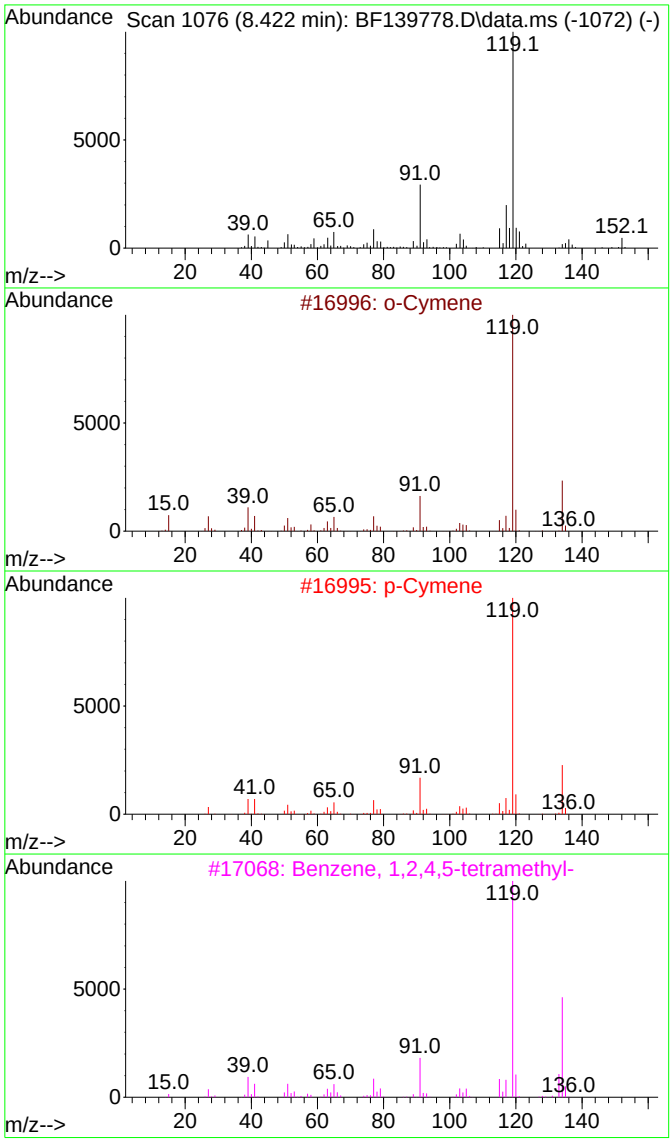
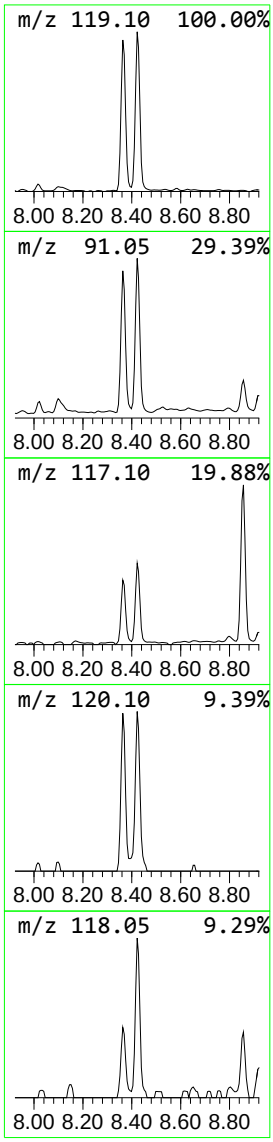
Peak Number 8 p-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.422	5.75 ng	189322	Naphthalene-d8	8.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	76
2	p-Cymene	134	C10H14	000099-87-6	76
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	68
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	68
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64





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

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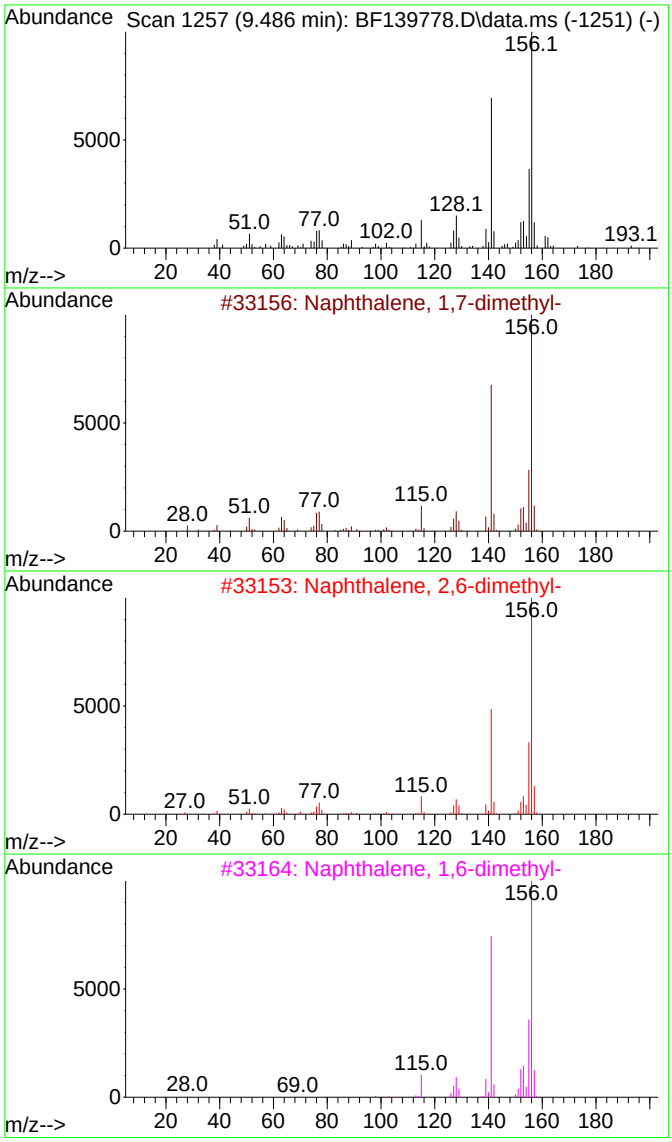
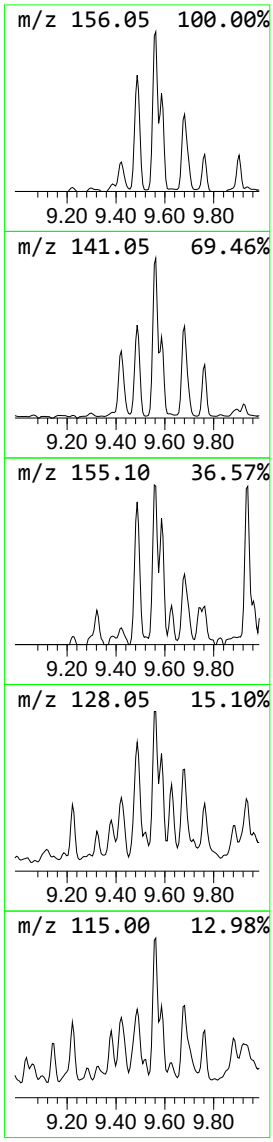
Peak Number 9 Naphthalene, 1,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	4.25 ng	105622	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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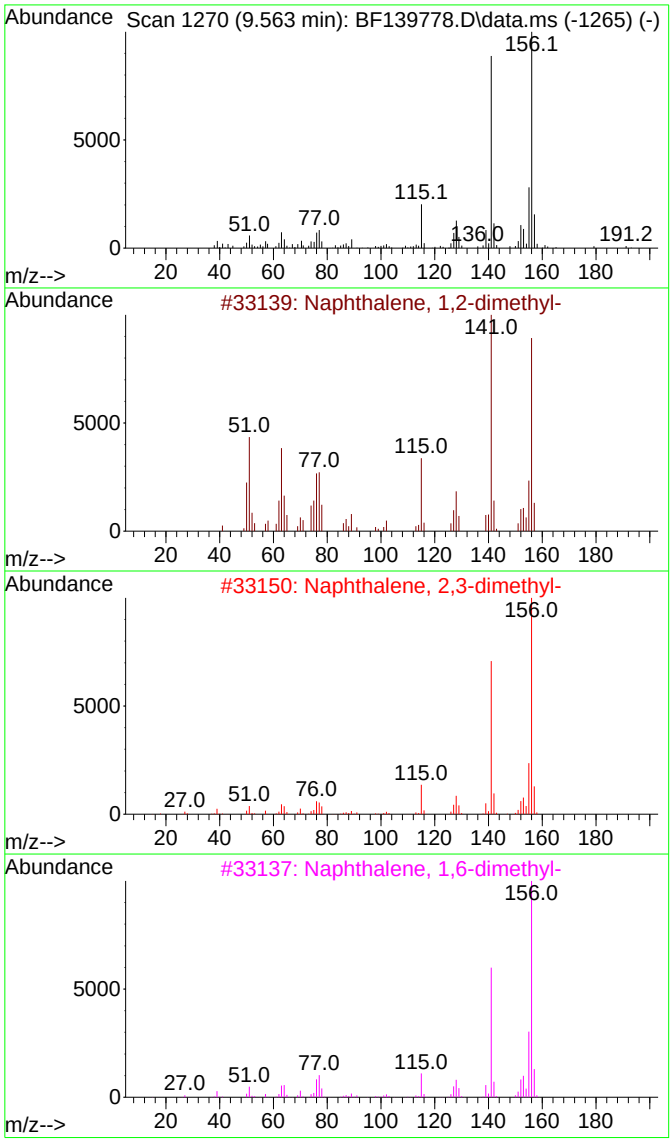
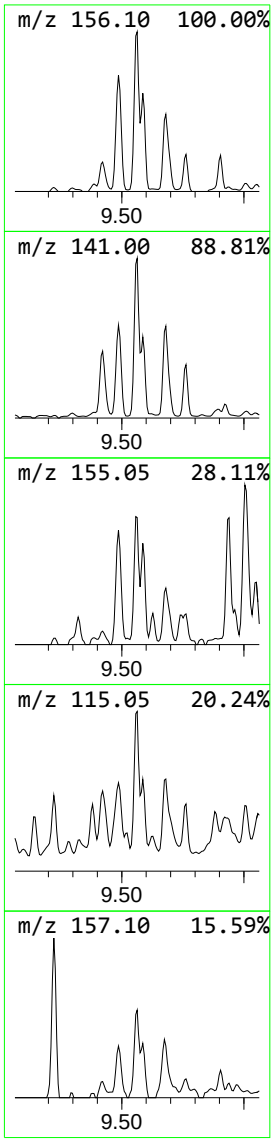
Peak Number 10 Naphthalene, 1,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	4.95 ng	122962	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93





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

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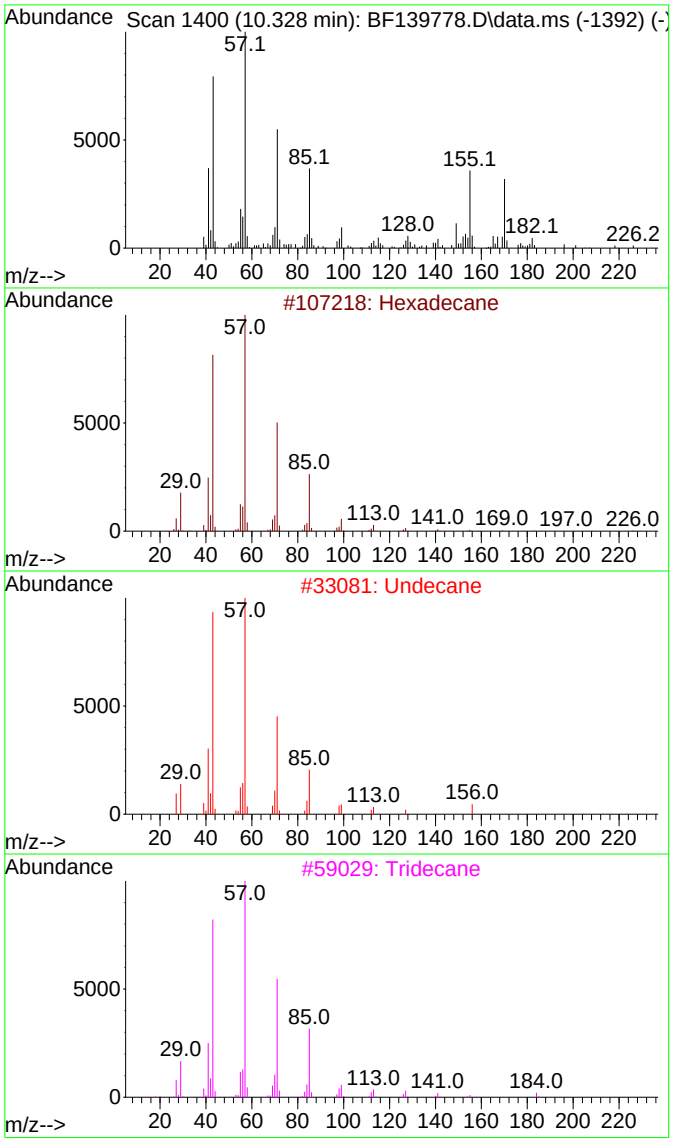
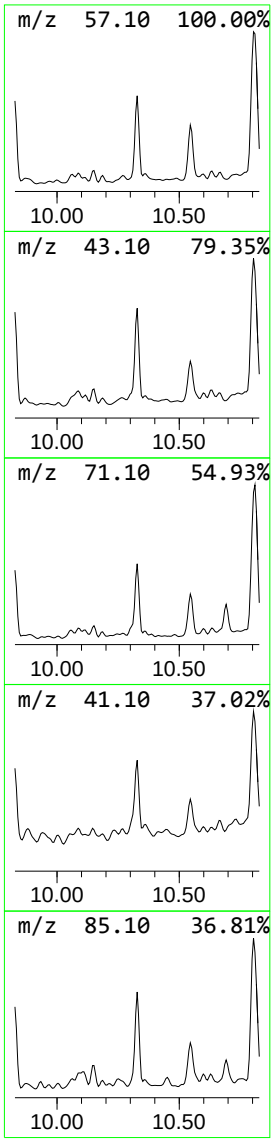
Peak Number 11 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.328	6.73 ng	167384	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	53
2	Undecane	156	C11H24	001120-21-4	50
3	Tridecane	184	C13H28	000629-50-5	49
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	46
5	Pentadecane	212	C15H32	000629-62-9	43





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TIC Integration Parameters: LSCINT.P

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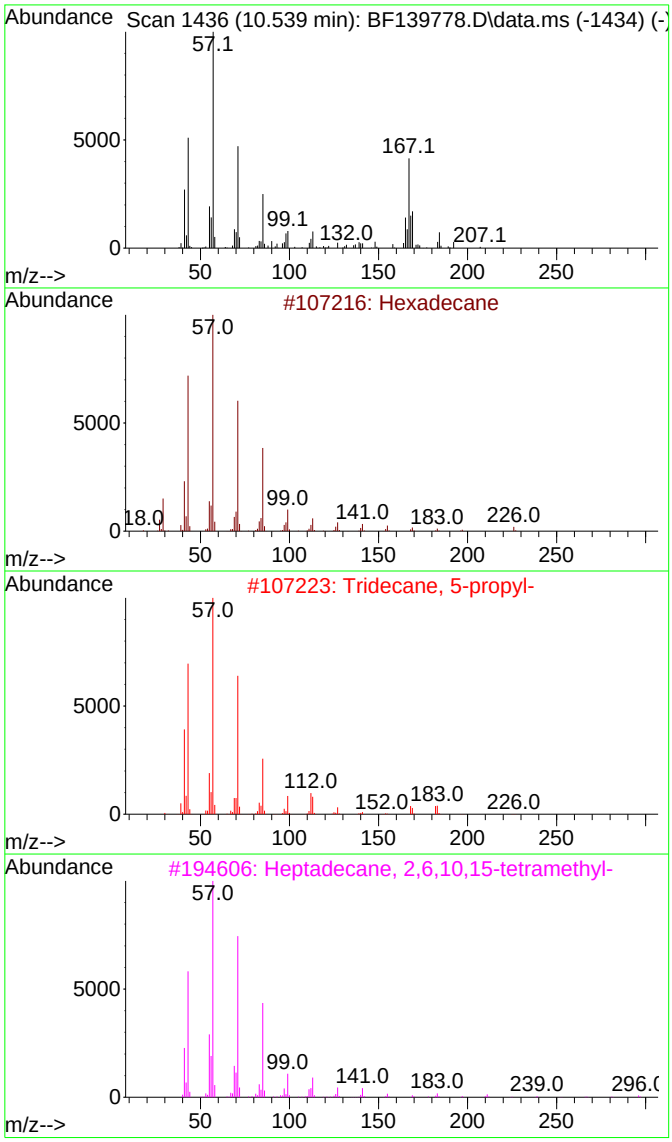
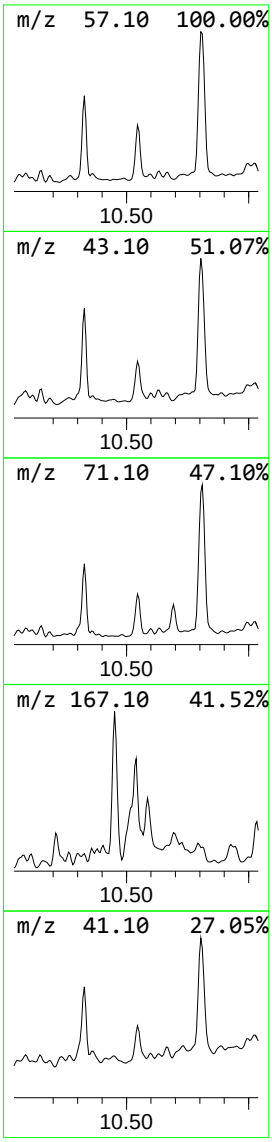
Peak Number 12 unknown10.539 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	3.64 ng	90393	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	38
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	38
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38
4	Tridecane	184	C13H28	000629-50-5	38
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	38





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

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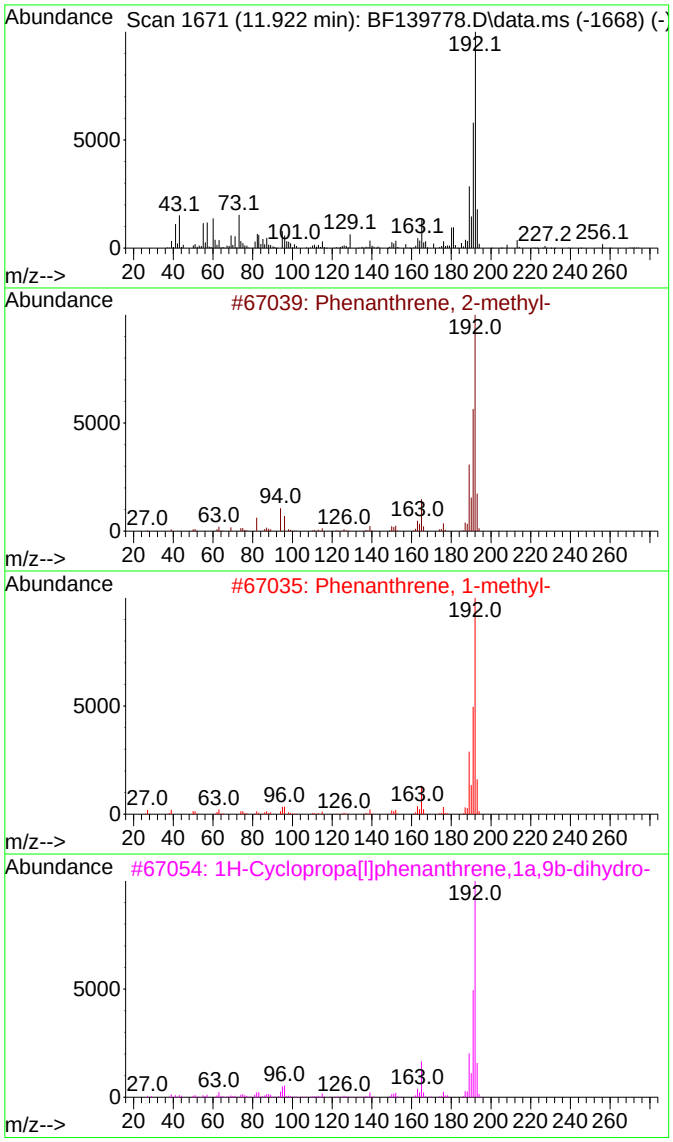
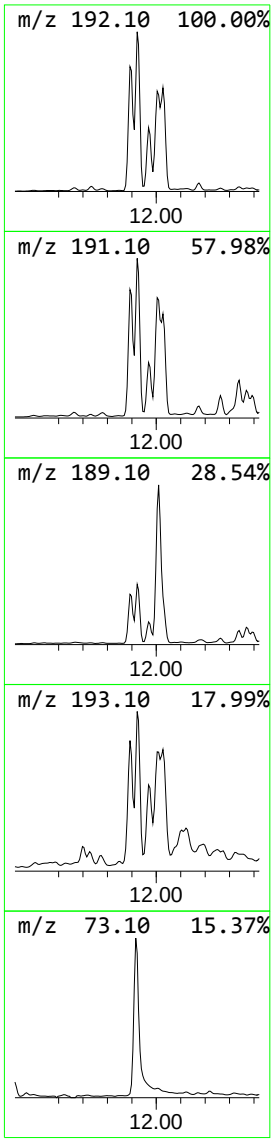
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	5.37 ng	825241	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





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TIC Library : C:\Database\NIST20.L
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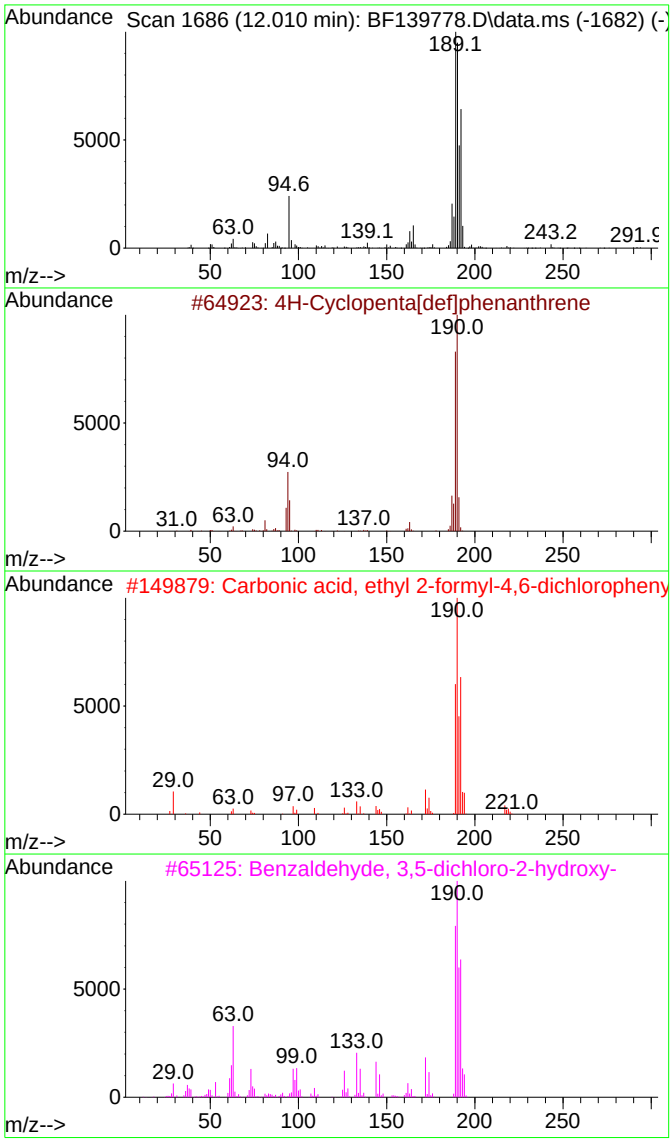
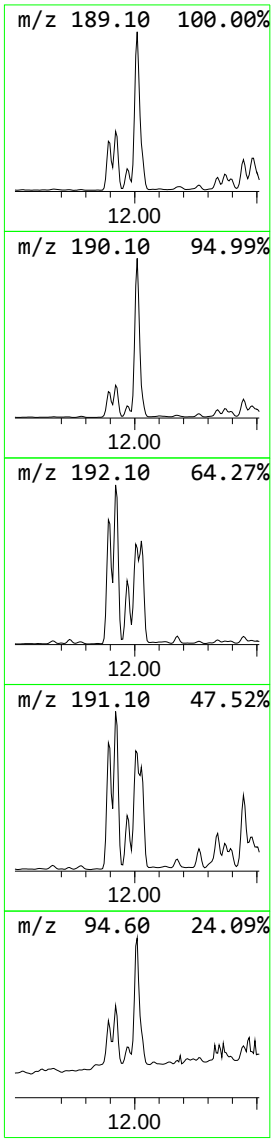
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	6.60 ng	1014720	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25





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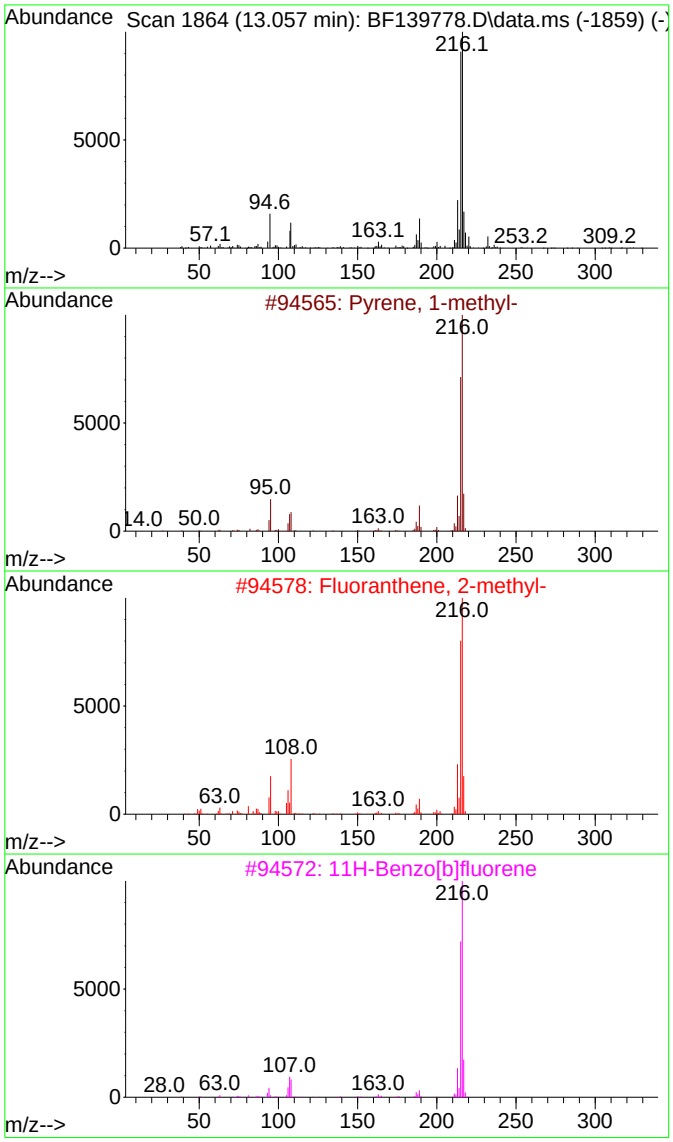
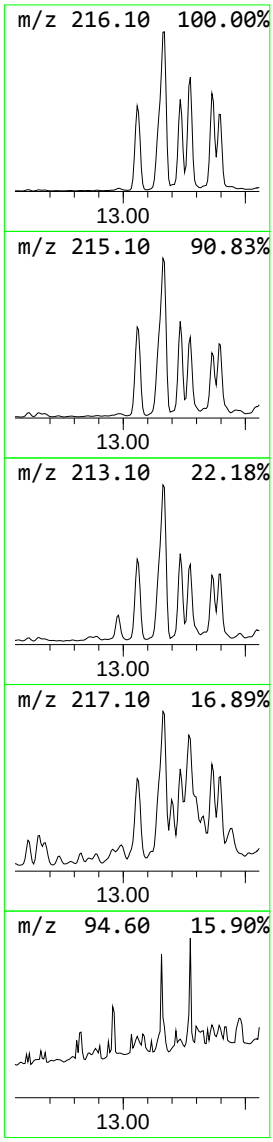
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	3.48 ng	496626	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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

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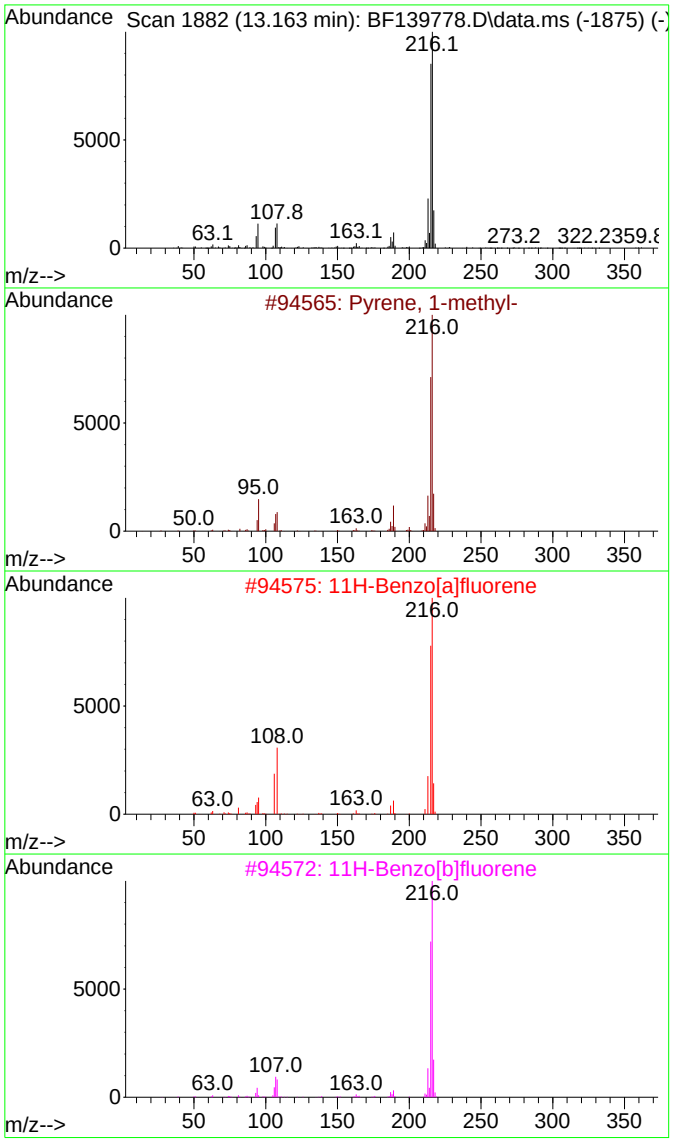
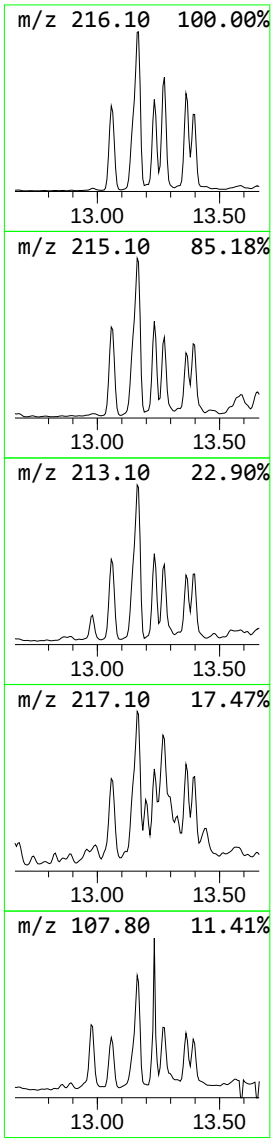
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	5.40 ng	770218	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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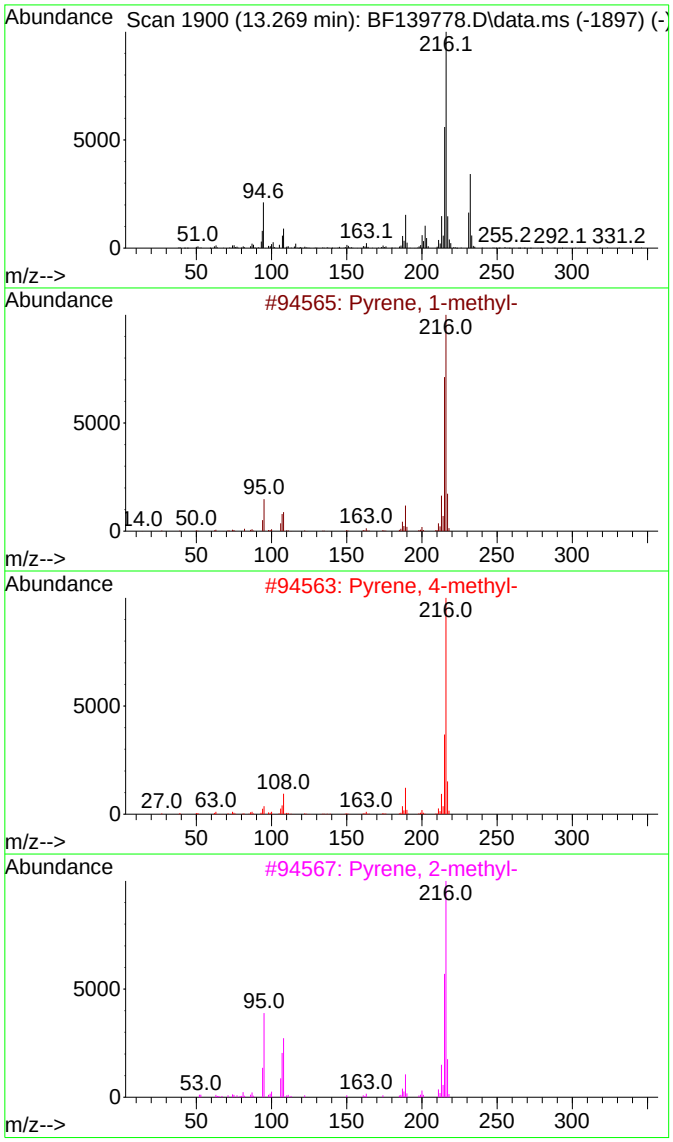
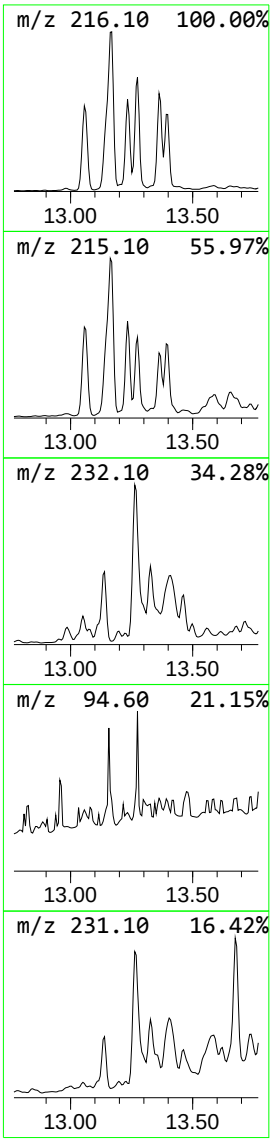
Peak Number 17 Pyrene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	3.46 ng	493555	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58





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Data File : BF139778.D
Acq On : 11 Oct 2024 16:45
Operator : RC/JU
Sample : P4364-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-1.0-1.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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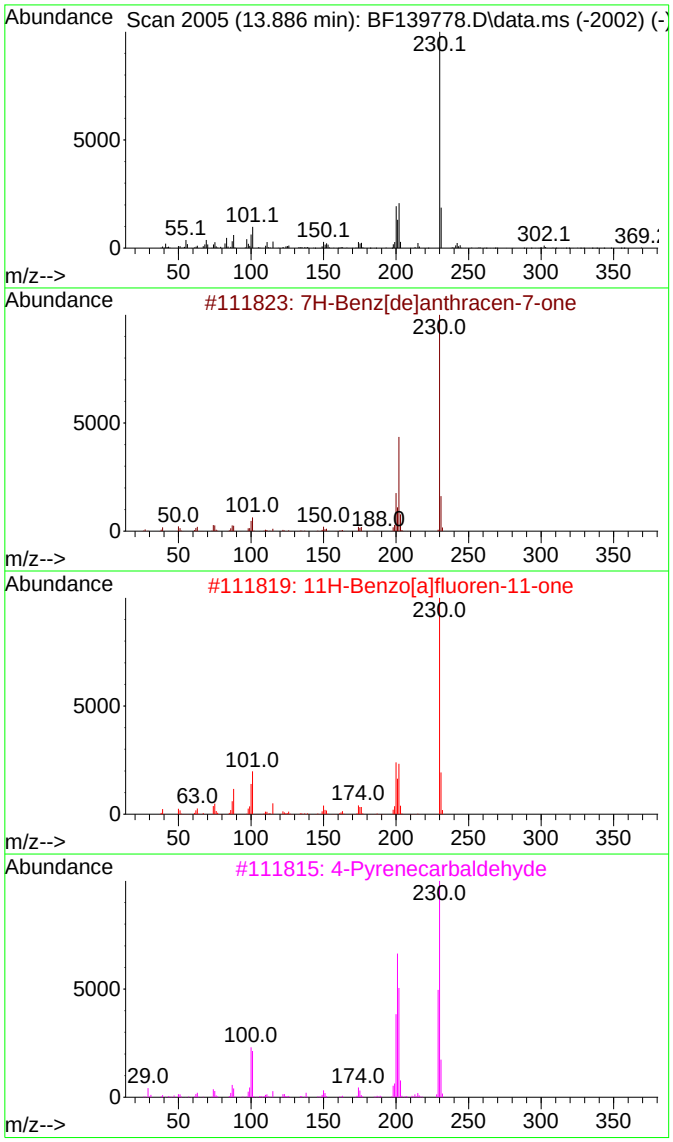
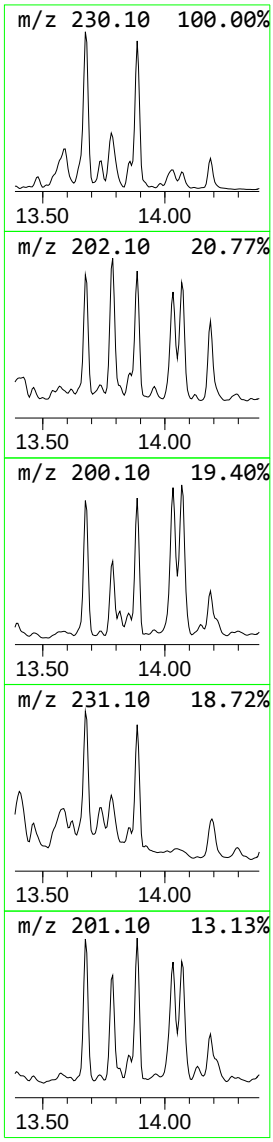
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	3.35 ng	478504	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
4	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	59
5	o-Terphenyl	230	C18H14	000084-15-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139778.D
Acq On : 11 Oct 2024 16:45
Operator : RC/JU
Sample : P4364-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-1.0-1.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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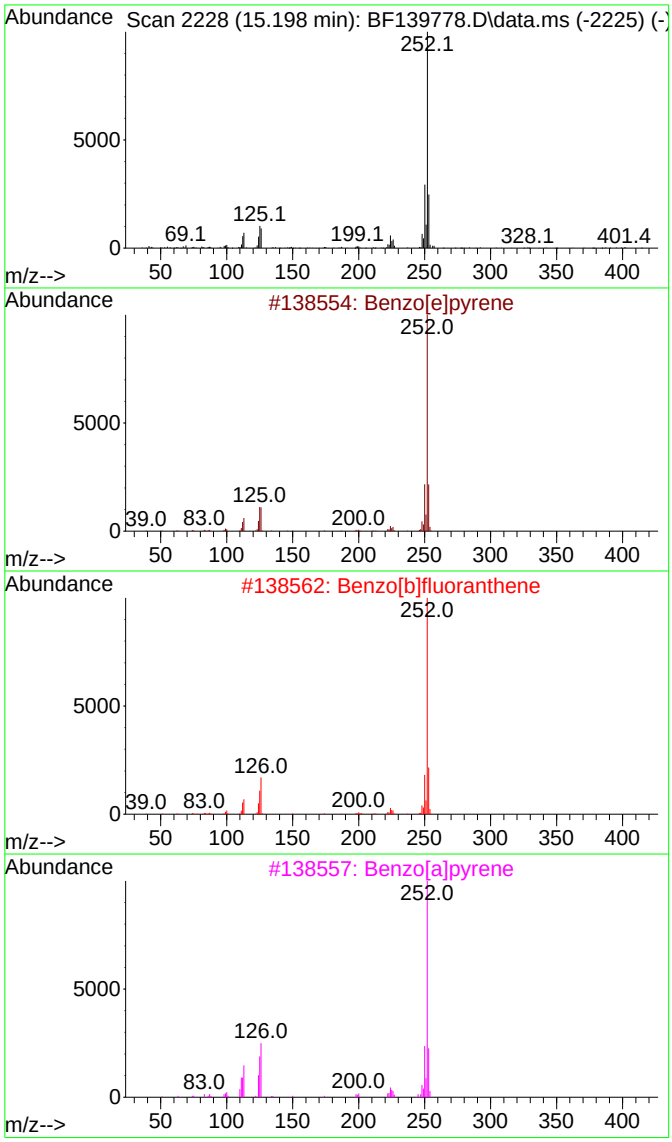
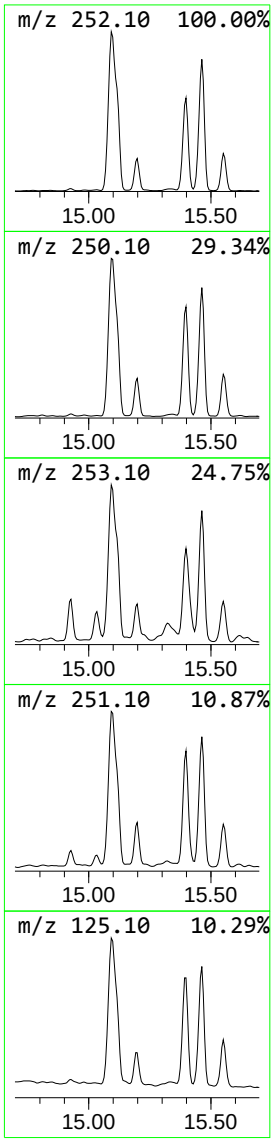
Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	18.38 ng	312918	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139778.D
Acq On : 11 Oct 2024 16:45
Operator : RC/JU
Sample : P4364-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-1.0-1.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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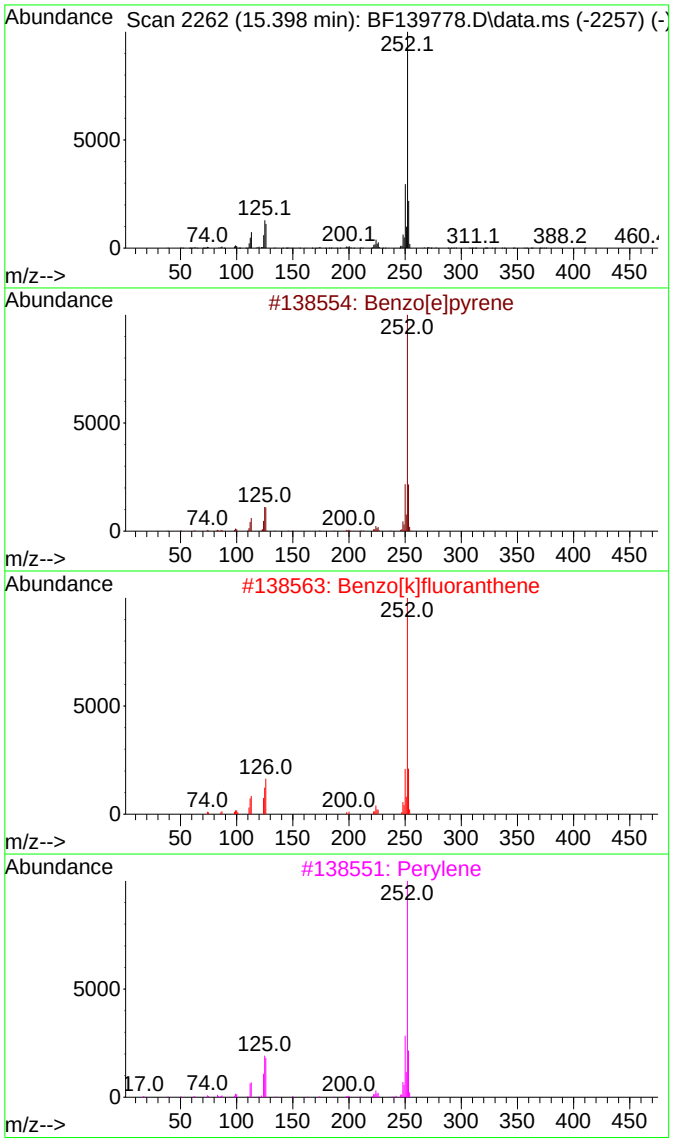
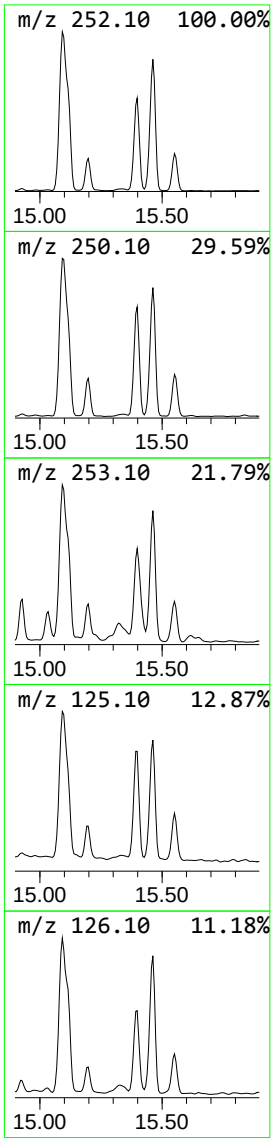
Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	50.94 ng	867481	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139778.D
Acq On : 11 Oct 2024 16:45
Operator : RC/JU
Sample : P4364-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-1.0-1.5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.146	105.5	ng	2155200	1	6.869	408695	20.0
2-Pentanone, 4-...	5.081	5.4	ng	110784	1	6.869	408695	20.0
Styrene	5.710	4.1	ng	84409	1	6.869	408695	20.0
Benzene, 1-ethe...	6.698	7.5	ng	153562	1	6.869	408695	20.0
1-Propyne, 3-ph...	7.134	4.1	ng	83663	1	6.869	408695	20.0
Benzenemethanet...	7.728	6.8	ng	224337	2	8.151	659062	20.0
o-Cymene	8.363	5.2	ng	170957	2	8.151	659062	20.0
p-Cymene	8.422	5.8	ng	189322	2	8.151	659062	20.0
Naphthalene, 1,...	9.486	4.3	ng	105622	3	9.904	497113	20.0
Naphthalene, 1,...	9.563	5.0	ng	122962	3	9.904	497113	20.0
Hexadecane	10.328	6.7	ng	167384	3	9.904	497113	20.0
unknown10.539	10.539	3.6	ng	90393	3	9.904	497113	20.0
Phenanthrene, 2...	11.922	5.4	ng	825241	4	11.392	3074540	20.0
4H-Cyclopenta[d...	12.010	6.6	ng	1014720	4	11.392	3074540	20.0
Pyrene, 1-methyl-	13.057	3.5	ng	496626	5	14.045	2855120	20.0
11H-Benzo[a]flu...	13.163	5.4	ng	770218	5	14.045	2855120	20.0
Pyrene, 4-methyl-	13.269	3.5	ng	493555	5	14.045	2855120	20.0
7H-Benz[de]anth...	13.886	3.4	ng	478504	5	14.045	2855120	20.0
Benzo[e]pyrene	15.198	18.4	ng	312918	6	15.521	340570	20.0
Perylene	15.398	50.9	ng	867481	6	15.521	340570	20.0