LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
Data File : BF130417.D
Acq On : 26 Sep 2022 20:20
Operator : CG\JU
Sample : N4809-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP1-0923

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130417.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.834	462	467	481	rVB	142387	189315	9.86%	0.549%
2	5.263	536	540	559	rVB	1585298	1616428	84.21%	4.687%
3	5.469	572	575	586	rBV2	84191	118654	6.18%	0.344%
4	6.298	712	716	726	rBV	1500136	1479360	77.07%	4.290%
5	6.487	743	748	753	rBV2	140789	182783	9.52%	0.530%
6	6.528	753	755	761	rVB	69086	67311	3.51%	0.195%
7	6.651	773	776	783	rVB	617819	471956	24.59%	1.369%
8	6.916	817	821	828	rBV	104715	141122	7.35%	0.409%
9	7.216	868	872	875	rBV	1108448	920816	47.97%	2.670%
10	7.510	920	922	928	rVV	199105	209182	10.90%	0.607%
11	7.692	948	953	955	rBV2	60905	80580	4.20%	0.234%
12	7.934	988	994	996	rBV	652973	557692	29.06%	1.617%
13	7.957	996	998	1001	rVB	136915	110398	5.75%	0.320%
14	8.157	1027	1032	1036	rBV	184679	177535	9.25%	0.515%
15	8.210	1038	1041	1047	rVB	235720	203851	10.62%	0.591%
16	8.645	1110	1115	1119	rBV2	149222	155665	8.11%	0.451%
17	8.710	1123	1126	1129	rBV	72574	63324	3.30%	0.184%
18	8.745	1129	1132	1136	rVB2	94403	87650	4.57%	0.254%
19	8.933	1160	1164	1167	rBV	69095	68991	3.59%	0.200%
20	9.010	1173	1177	1180	rVB	1939480	1503969	78.36%	4.361%
21	9.133	1196	1198	1202	rBV	139601	147656	7.69%	0.428%
22	9.275	1216	1222	1225	rBV4	32788	65873	3.43%	0.191%
23	9.345	1231	1234	1236	rBV	86884	77887	4.06%	0.226%
24	9.410	1240	1245	1250	rVB	124698	116461	6.07%	0.338%
25	9.545	1265	1268	1273	rBV	364042	293554	15.29%	0.851%
26	9.628	1279	1282	1285	rBV2	90003	99285	5.17%	0.288%
27	9.686	1288	1292	1295	rVV	528638	462910	24.12%	1.342%
28	9.886	1323	1326	1330	rVV	73777	81288	4.24%	0.236%
29	9.998	1341	1345	1348	rBV2	76707	101653	5.30%	0.295%
30	10.227	1382	1384	1391	rVB6	74034	109360	5.70%	0.317%
31	10.339	1400	1403	1407	rVB3	61511	65409	3.41%	0.190%
32	10.469	1420	1425	1438	rBV	938936	967592	50.41%	2.806%
33	10.598	1444	1447	1452	rVB3	112338	124821	6.50%	0.362%
34	10.974	1508	1511	1516	rVV2	85404	90733	4.73%	0.263%
35	11.063	1524	1526	1531	rVB2	67901	82191	4.28%	0.238%
36	11.169	1540	1544	1546	rBV	467817	484318	25.23%	1.404%

LSC Area Percent Report

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Sample : N4809-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-0923

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.192	1546	1548	1550	rVV	667183	508456	26.49%	1.474%
38	11.239	1553	1556	1559	rVB	261941	208978	10.89%	0.606%
39	11.280	1559	1563	1565	rBV2	52494	65301	3.40%	0.189%
40	11.498	1597	1600	1605	rVB	104557	93076	4.85%	0.270%
41	11.669	1626	1629	1631	rBV	236780	202108	10.53%	0.586%
42	11.698	1631	1634	1639	rVB2	328698	407828	21.25%	1.183%
43	11.745	1639	1642	1644	rVB	116633	107273	5.59%	0.311%
44	11.774	1644	1647	1650	rBV	355152	408684	21.29%	1.185%
45	11.804	1650	1652	1657	rVB	218411	181408	9.45%	0.526%
46	11.898	1666	1668	1671	rVB	89151	70728	3.68%	0.205%
47	11.963	1677	1679	1681	rBV2	121513	95323	4.97%	0.276%
48	11.992	1681	1684	1690	rVB2	128038	153567	8.00%	0.445%
49	12.057	1690	1695	1699	rBV4	34272	78155	4.07%	0.227%
50	12.092	1699	1701	1703	rBV	80174	70901	3.69%	0.206%
51	12.169	1712	1714	1716	rVB2	94672	72985	3.80%	0.212%
52	12.216	1719	1722	1725	rBV	307767	348286	18.15%	1.010%
53	12.251	1725	1728	1730	rBV	111052	104070	5.42%	0.302%
54	12.274	1730	1732	1734	rVB	128490	96512	5.03%	0.280%
55	12.304	1734	1737	1741	rBV2	234987	262973	13.70%	0.763%
56	12.380	1746	1750	1753	rBV	1539142	1266368	65.98%	3.672%
57	12.427	1755	1758	1763	rBV3	66729	104138	5.43%	0.302%
58	12.474	1763	1766	1767	rBV	119898	113940	5.94%	0.330%
59	12.610	1783	1789	1791	rBV	1745864	1676060	87.32%	4.860%
60	12.668	1795	1799	1802	rVB2	133856	181032	9.43%	0.525%
61	12.721	1805	1808	1810	rBV2	127350	133729	6.97%	0.388%
62	12.757	1810	1814	1820	rVB	2126861	1862458	97.03%	5.401%
63	12.827	1821	1826	1829	rBV3	248989	372251	19.39%	1.079%
64	12.910	1837	1840	1842	rBV2	234962	279274	14.55%	0.810%
65	12.933	1842	1844	1847	rVB	281250	246195	12.83%	0.714%
66	12.974	1848	1851	1853	rBV3	68887	85444	4.45%	0.248%
67	12.998	1853	1855	1858	rVB	117214	96079	5.01%	0.279%
68	13.039	1858	1862	1865	rBV2	360562	360085	18.76%	1.044%
69	13.127	1874	1877	1880	rVB	299380	262465	13.67%	0.761%
70	13.157	1880	1882	1886	rVB	283646	242449	12.63%	0.703%
71	13.310	1905	1908	1909	rBV2	66816	70426	3.67%	0.204%
72	13.439	1927	1930	1935	rVB	295547	305051	15.89%	0.885%
73	13.504	1938	1941	1943	rVB	81466	68624	3.58%	0.199%
74	13.551	1944	1949	1952	rBV3	322927	419393	21.85%	1.216%
75	13.580	1952	1954	1956	rBV	168871	110621	5.76%	0.321%
76	13.604	1956	1958	1959	rBV	110070	81528	4.25%	0.236%

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Misc :
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Instrument :
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ClientSampleId :
TP1-0923

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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.651	1964	1966	1970	rVB	269549	240912	12.55%	0.699%
78	13.798	1987	1991	1995	rBV2	1286763	1919415	100.00%	5.566%
79	13.833	1995	1997	2003	rVB	1080503	923291	48.10%	2.677%
80	13.892	2004	2007	2008	rBV	129888	133132	6.94%	0.386%
81	13.910	2008	2010	2012	rVB	228237	162570	8.47%	0.471%
82	13.951	2014	2017	2018	rBV	131686	126658	6.60%	0.367%
83	14.063	2033	2036	2038	rVB2	120213	109738	5.72%	0.318%
84	14.121	2043	2046	2049	rBV3	81582	113622	5.92%	0.329%
85	14.157	2049	2052	2053	rBV	87381	78305	4.08%	0.227%
86	14.192	2055	2058	2061	rVB	411428	363755	18.95%	1.055%
87	14.221	2061	2063	2067	rVB	221653	207162	10.79%	0.601%
88	14.286	2071	2074	2076	rVB2	162685	157602	8.21%	0.457%
89	14.315	2076	2079	2081	rBV2	237918	233502	12.17%	0.677%
90	14.439	2097	2100	2105	rBV4	138091	160485	8.36%	0.465%
91	14.815	2159	2164	2167	rBV	1086980	1703339	88.74%	4.939%
92	14.910	2177	2180	2183	rVB	263510	243163	12.67%	0.705%
93	15.092	2206	2211	2216	rVB	629996	796919	41.52%	2.311%
94	15.145	2216	2220	2225	rVB	894722	1037547	54.06%	3.009%
95	15.204	2226	2230	2232	rBV	431307	493037	25.69%	1.430%
96	15.233	2232	2235	2241	rVB2	238646	356972	18.60%	1.035%
97	16.533	2450	2456	2463	rVB2	331318	608818	31.72%	1.765%
98	16.692	2479	2483	2487	rBV	61210	85184	4.44%	0.247%
99	16.745	2488	2492	2496	rBV2	65702	100906	5.26%	0.293%
100	16.927	2517	2523	2533	rVB	244973	477639	24.88%	1.385%

Sum of corrected areas: 34485468

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
Data File : BF130417.D
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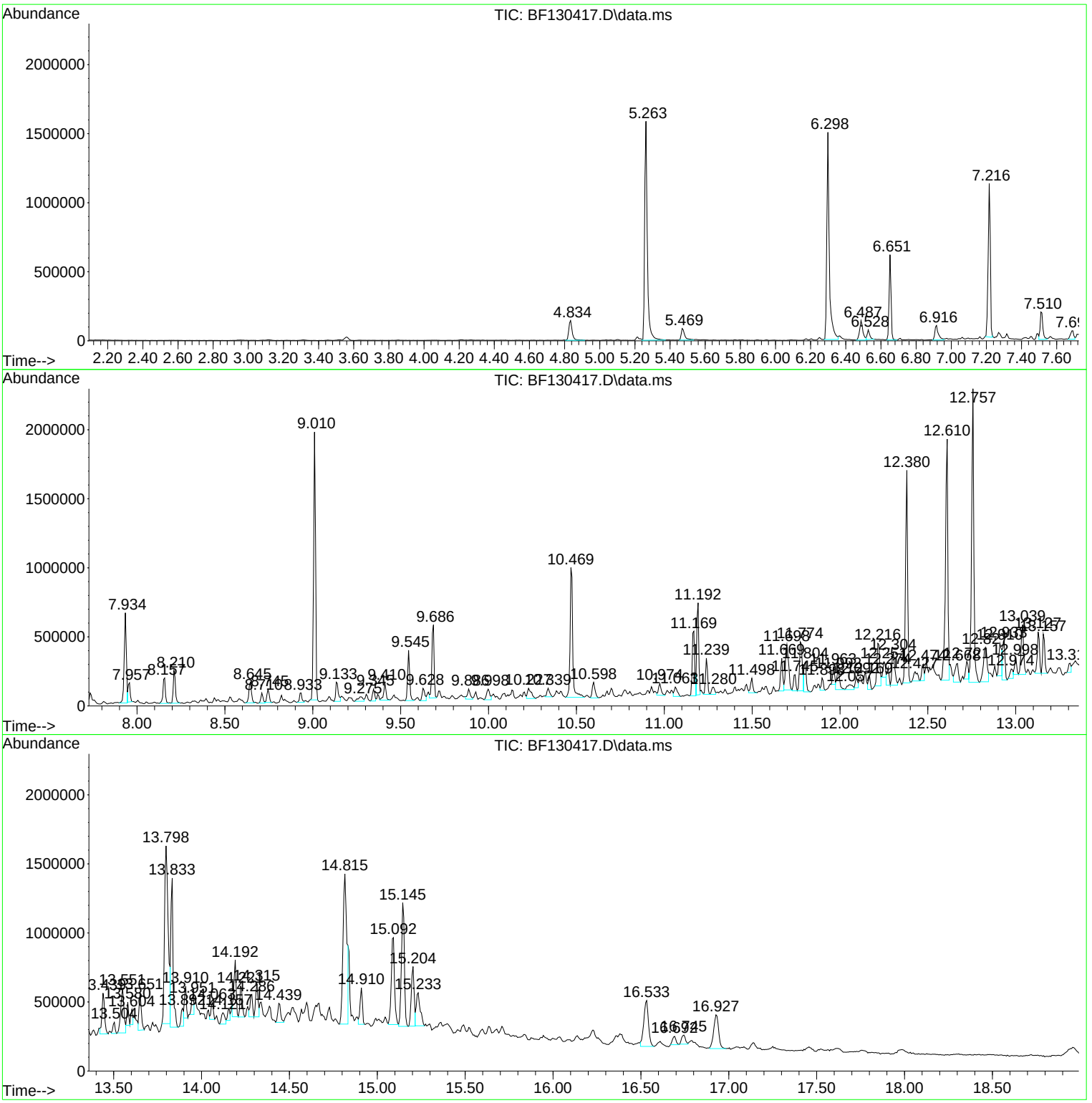
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-0923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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\BF092622\
Data File : BF130417.D
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ClientSampleId :
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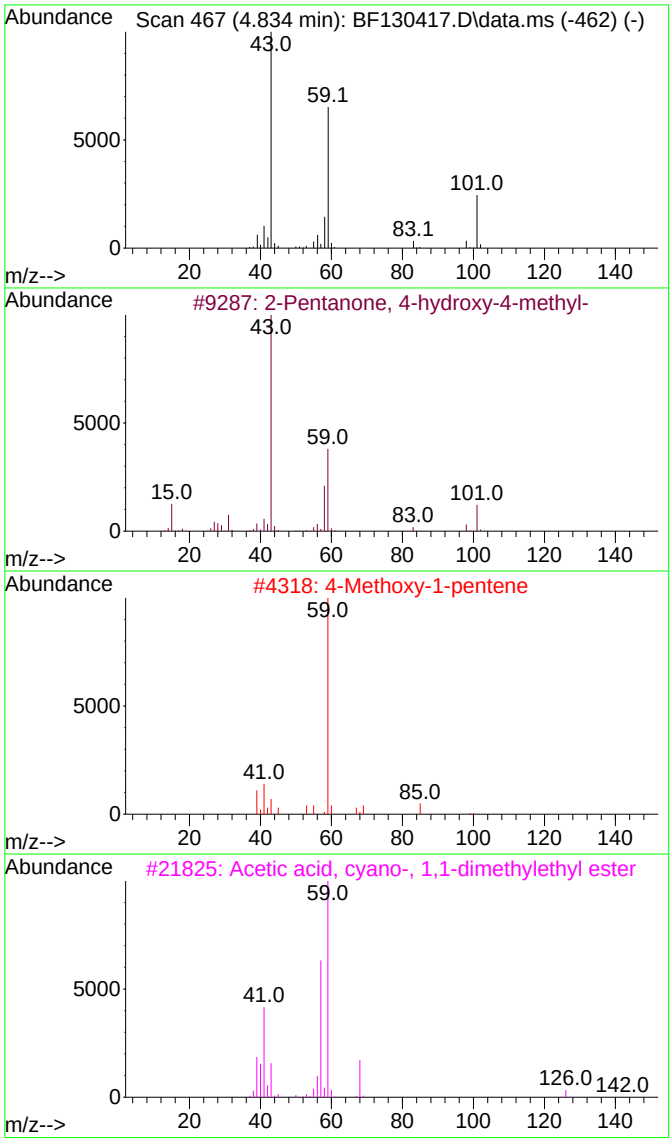
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

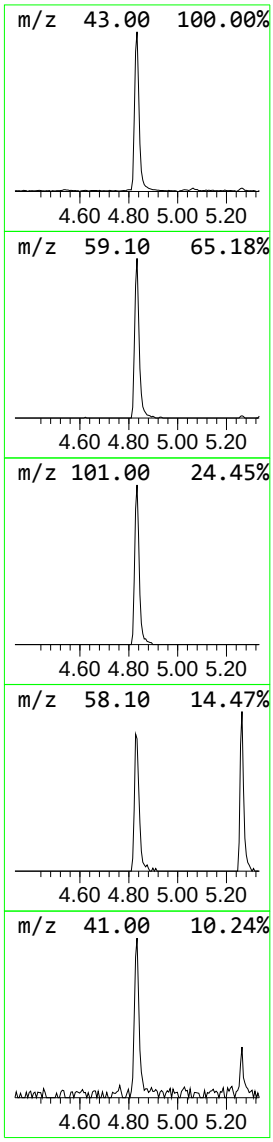
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.834	8.02 ng	189315	1,4-Dichlorobenzene-d4	6.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	4-Methoxy-1-pentene	100	C6H12O	098386-09-5	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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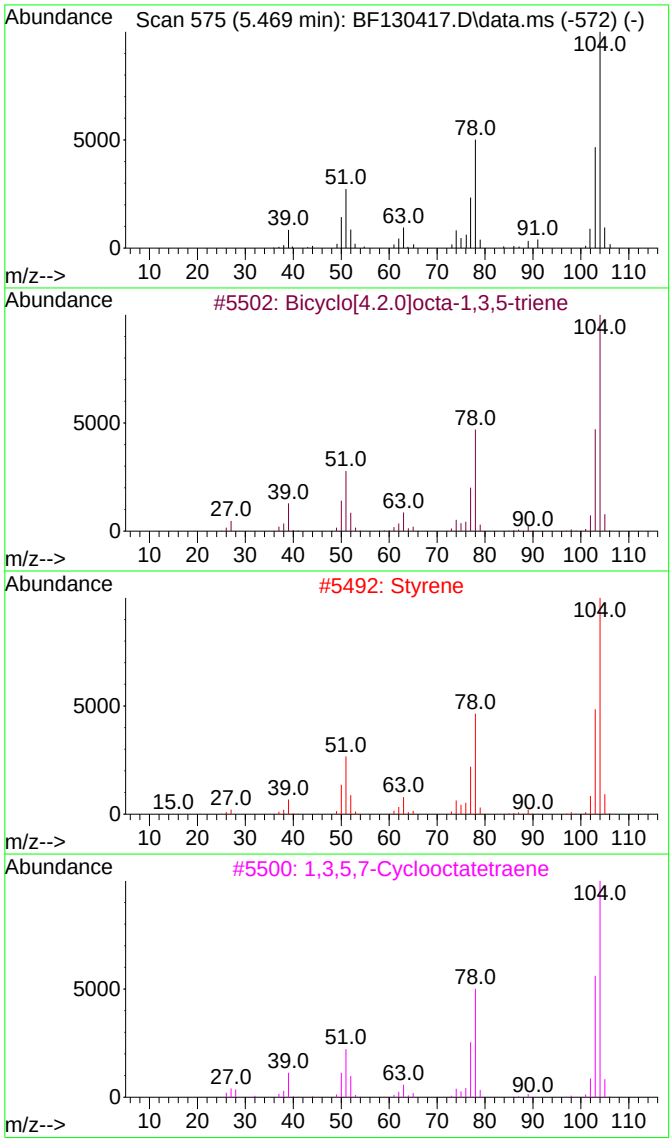
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

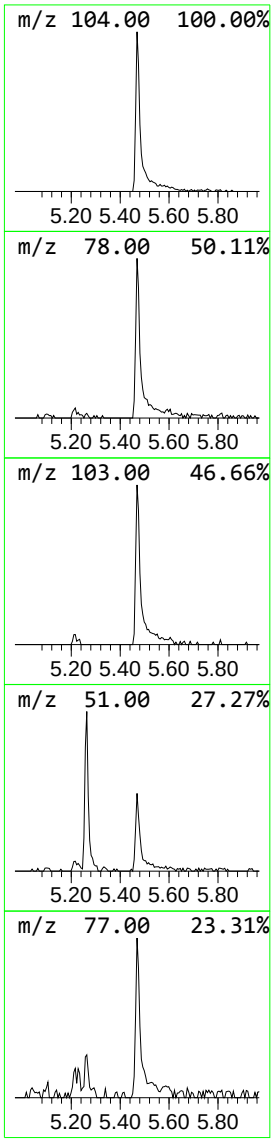
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.469	5.03 ng	118654	1,4-Dichlorobenzene-d4	6.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
2	Styrene	104	C8H8	000100-42-5	96
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	94
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	45
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

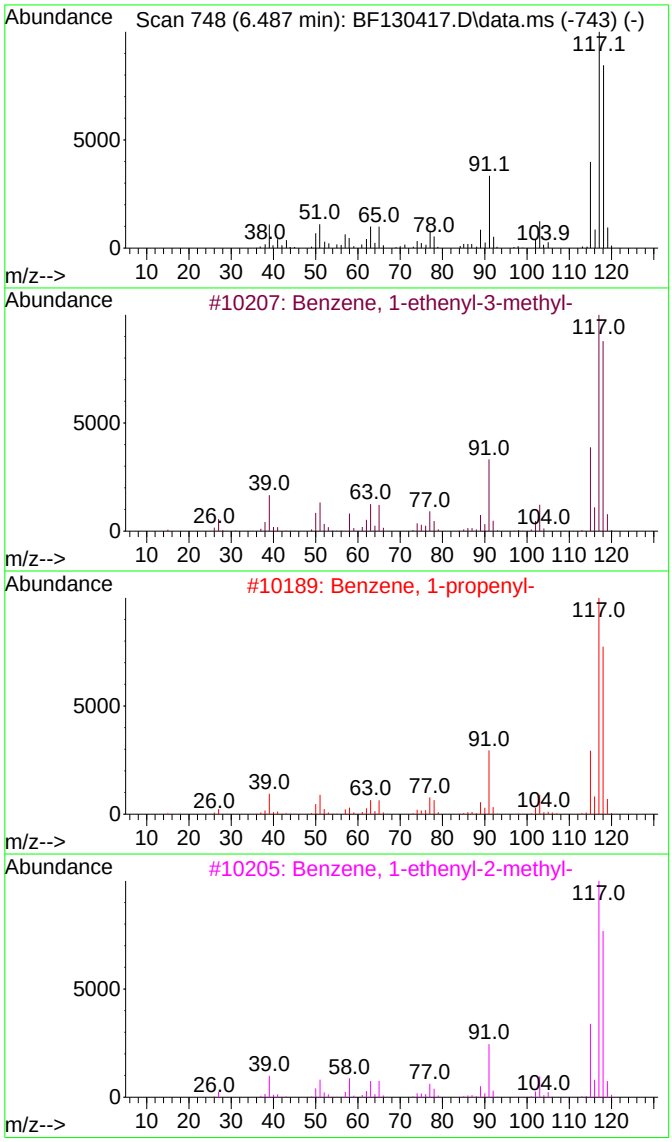
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

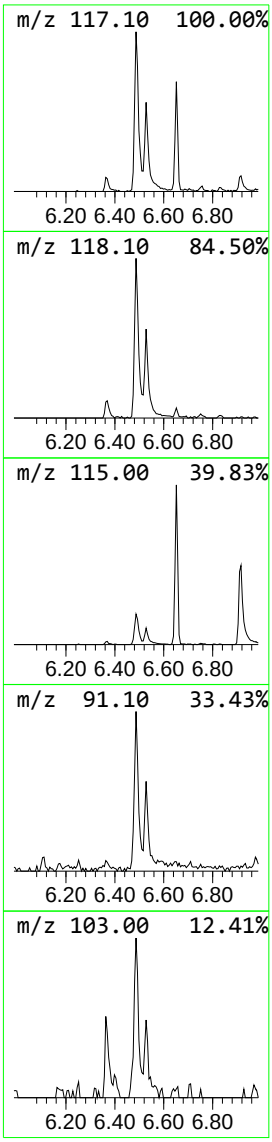
****

Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.487	7.75 ng	182783	1,4-Dichlorobenzene-d4	6.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	95
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
Data File : BF130417.D
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

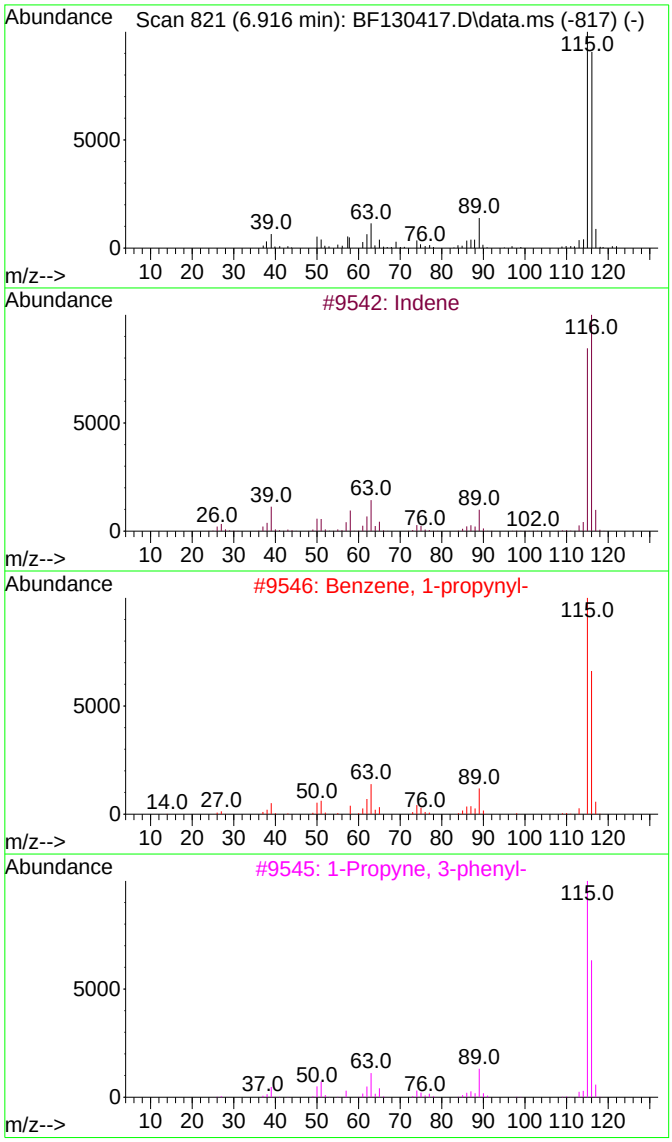
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

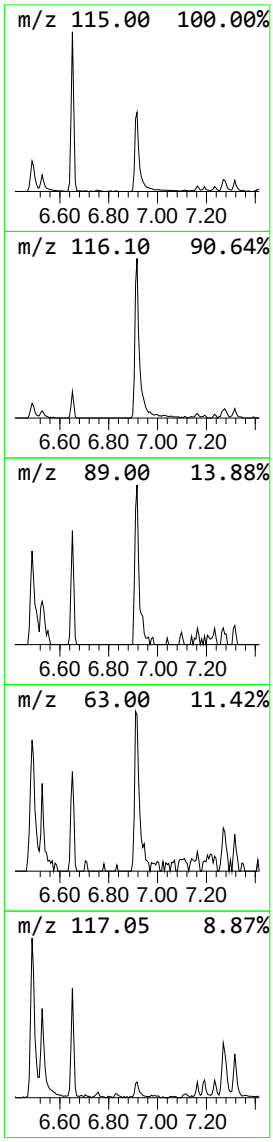
****

Peak Number 4 Indene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.916	5.98 ng	141122	1,4-Dichlorobenzene-d4	6.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
Data File : BF130417.D
Acq On : 26 Sep 2022 20:20
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Sample : N4809-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-0923

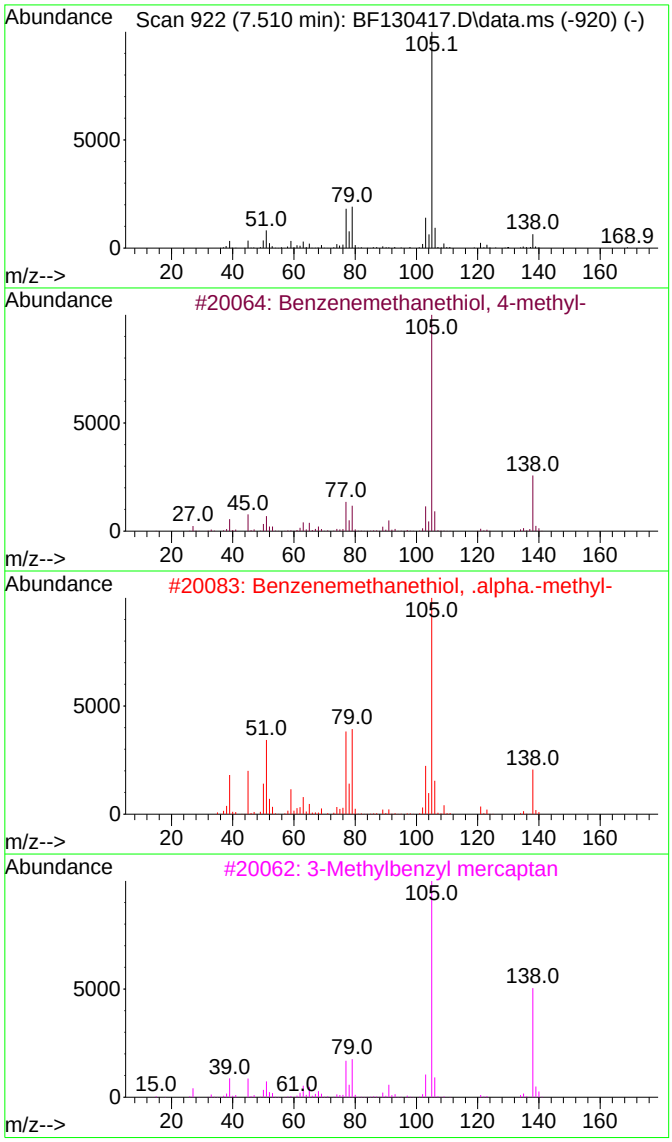
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

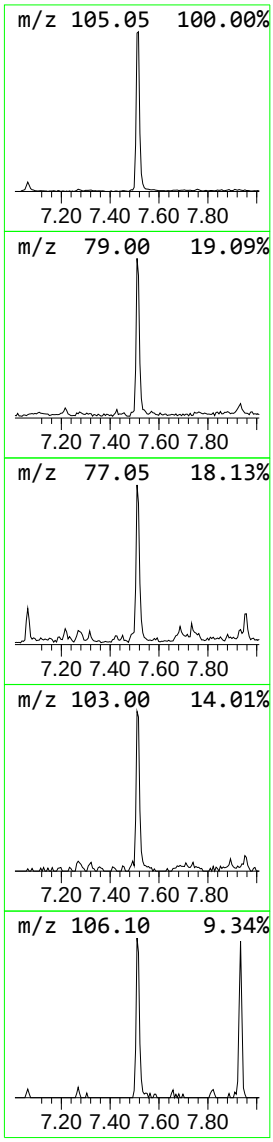
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzenemethanethiol, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.510	7.50 ng	209182	Naphthalene-d8	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	87
2	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	83
3	3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	80
4	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
5	Benzene, (1-chloroethyl)-	140	C8H9Cl	000672-65-1	72





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Acq On : 26 Sep 2022 20:20
Operator : CG\JU
Sample : N4809-01
Misc :
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Instrument :
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ClientSampleId :
TP1-0923

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

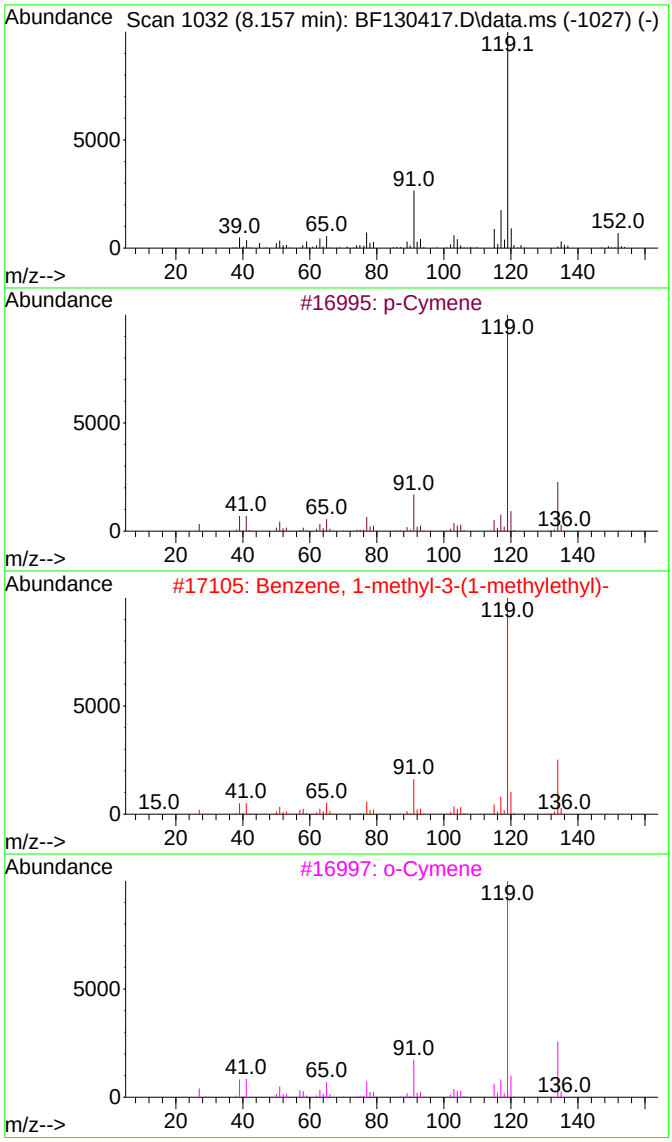
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

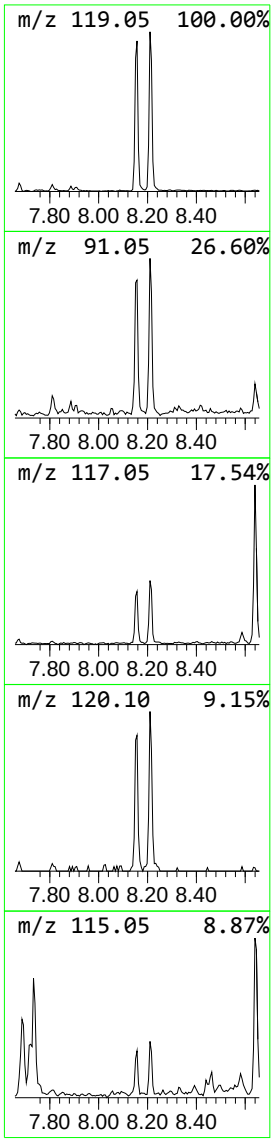
****

Peak Number 6 p-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.157	6.37 ng	177535	Naphthalene-d8	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	87
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
3	o-Cymene	134	C10H14	000527-84-4	83
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72





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ClientSampleId :
TP1-0923

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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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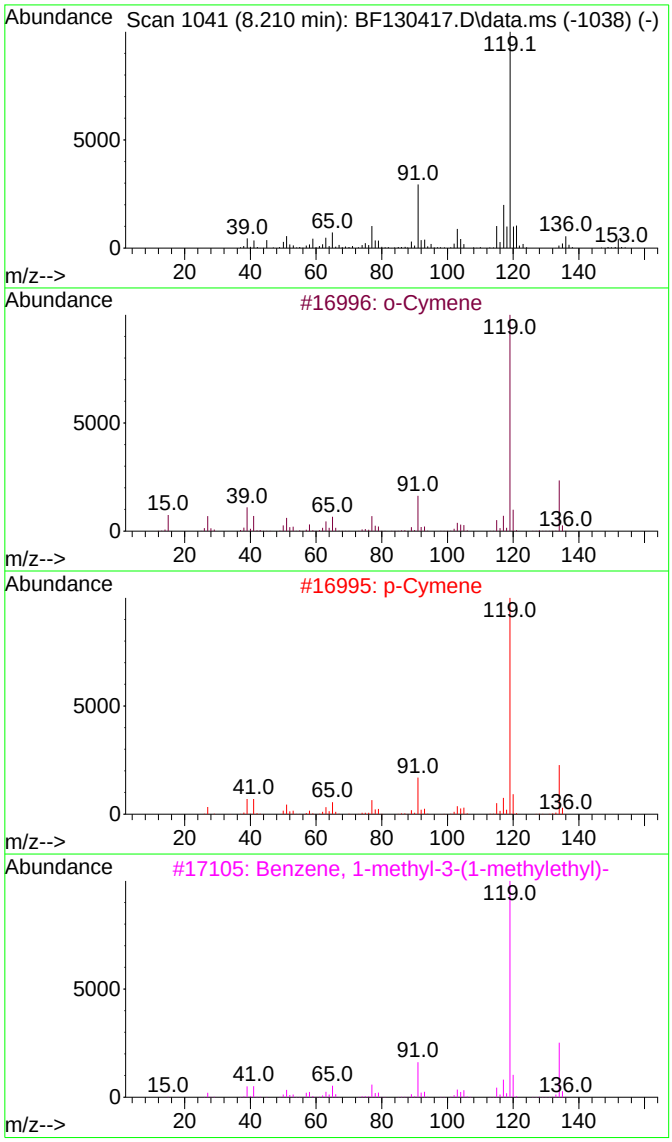
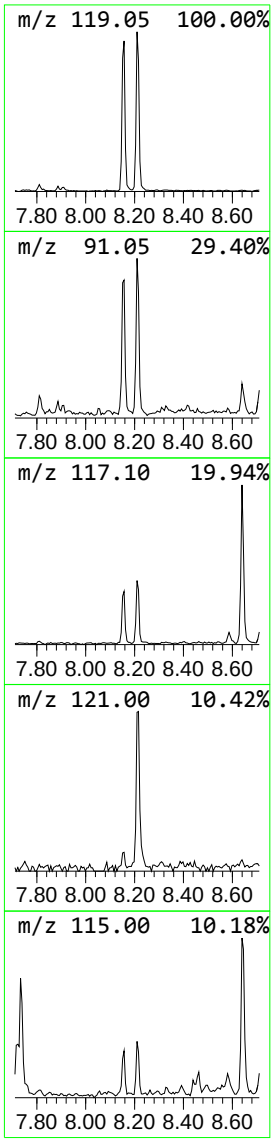
Peak Number 7 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.210	7.31 ng	203851	Naphthalene-d8	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	70
2	p-Cymene	134	C10H14	000099-87-6	70
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	62
4	.alpha.,.alpha.-DIMETHYLBENZYL I...	206	C13H18O2	1000429-51-9	59
5	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	59





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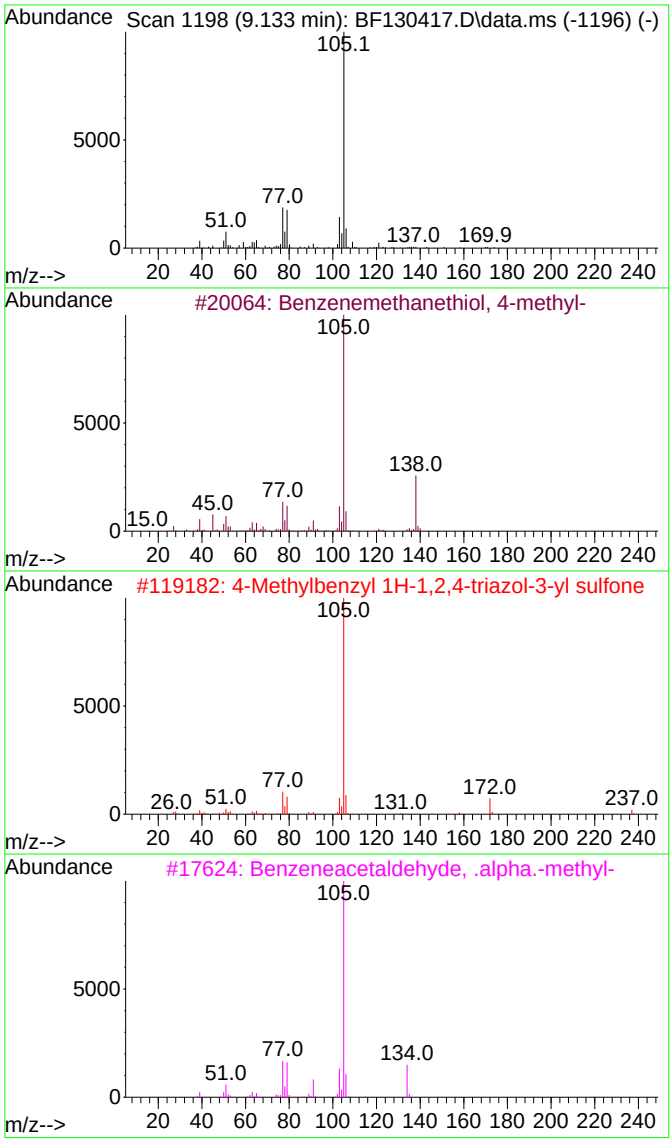
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

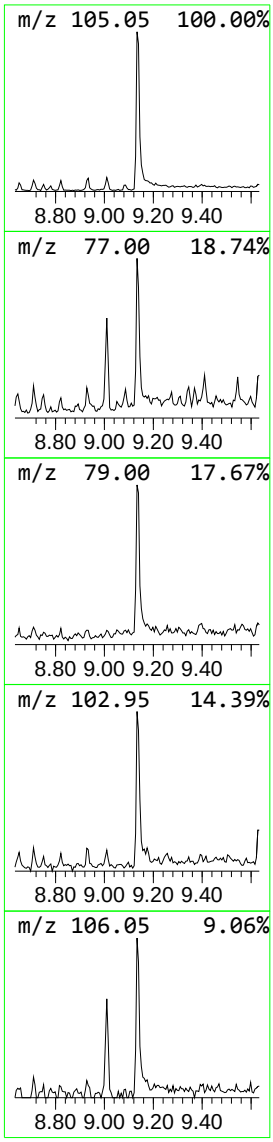
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4-Methylbenzyl 1H-1,2,4-tri... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.133	6.38 ng	147656	Acenaphthene-d10	9.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	78
2	4-Methylbenzyl 1H-1,2,4-triazol-...	237	C10H11N3O2S	1000486-18-8	72
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	72
5	1-Phenylethanethiol, S-pentafluo...	284	C11H9F5OS	1000469-38-3	72





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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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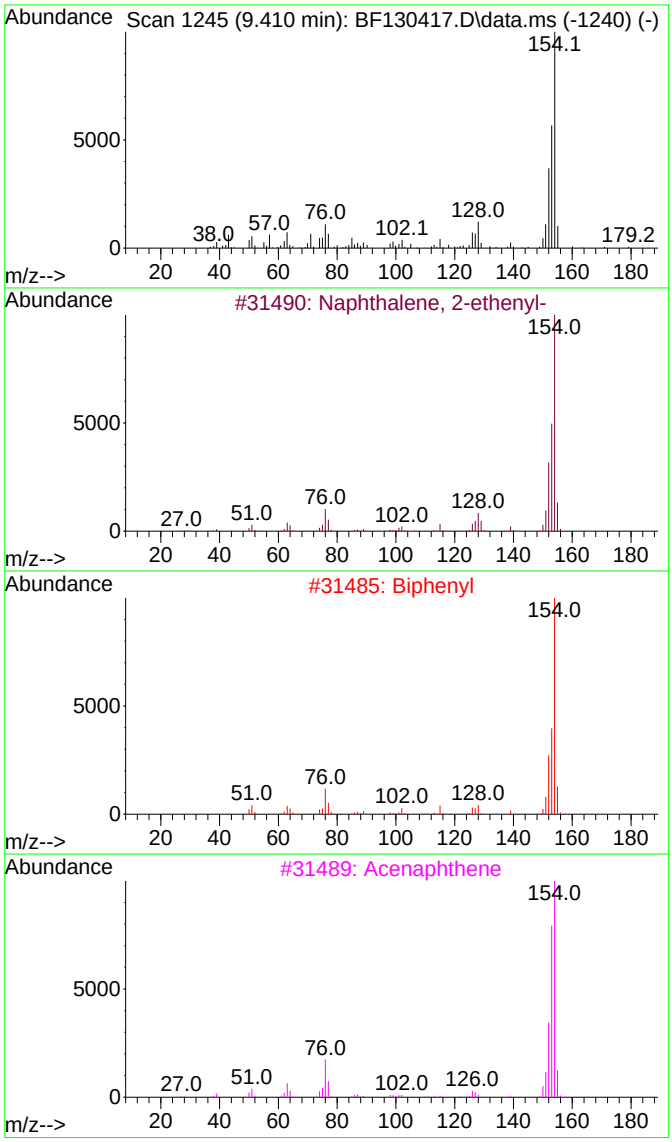
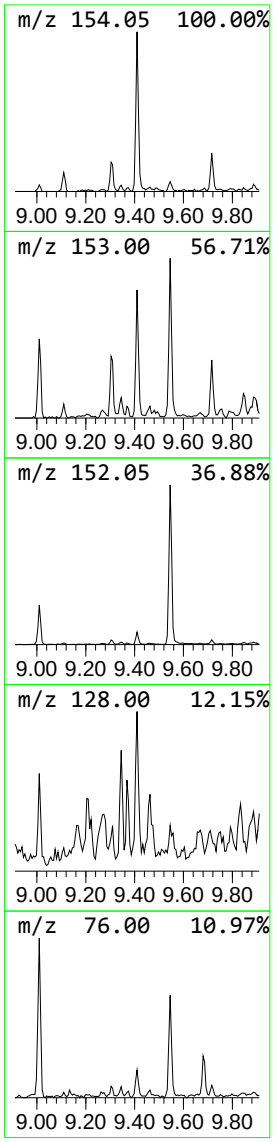
Peak Number 9 Naphthalene, 2-ethenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	5.03 ng	116461	Acenaphthene-d10	9.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	91
2	Biphenyl	154	C12H10	000092-52-4	81
3	Acenaphthene	154	C12H10	000083-32-9	74
4	Propanedinitrile, (phenylmethyle...	154	C10H6N2	002700-22-3	49
5	5-Isoquinolinecarbonitrile	154	C10H6N2	027655-41-0	47





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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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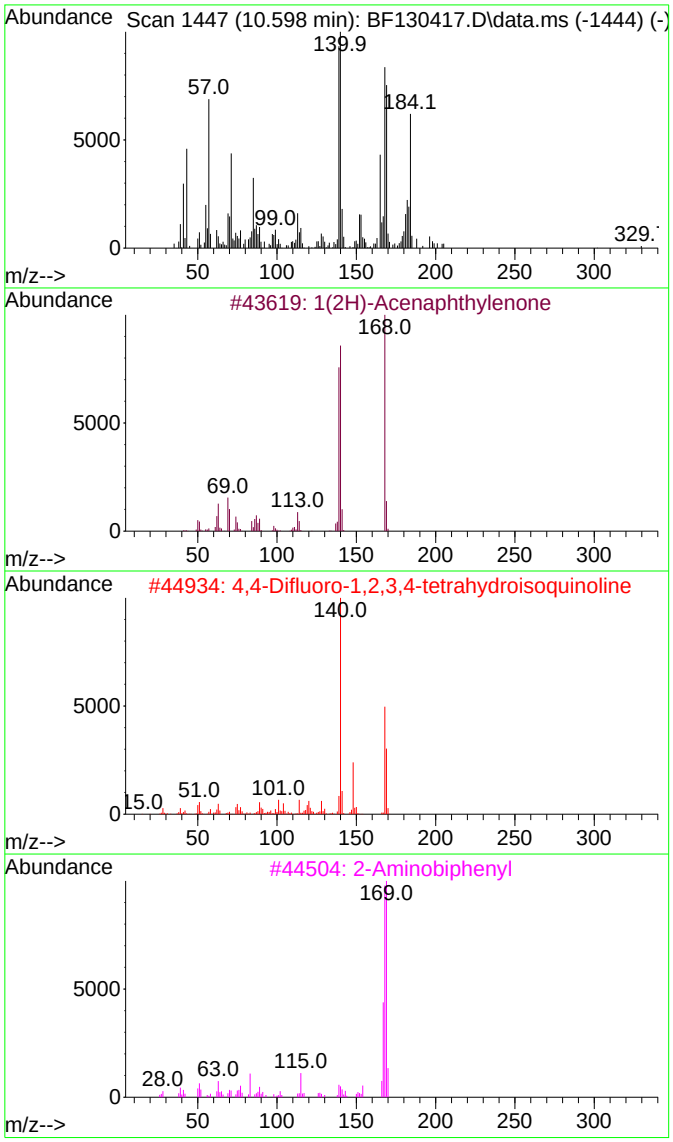
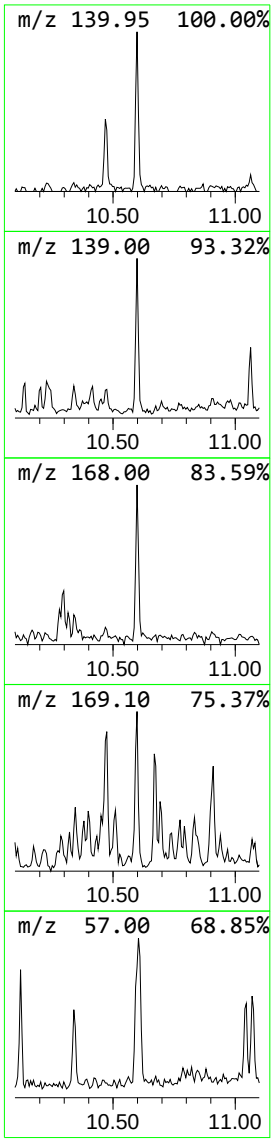
Peak Number 10 1(2H)-Acenaphthylenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	5.15 ng	124821	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	64
2	4,4-Difluoro-1,2,3,4-tetrahydroi...	169	C9H9F2N	537033-81-1	38
3	2-Aminobiphenyl	169	C12H11N	000090-41-5	27
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	18
5	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	18





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

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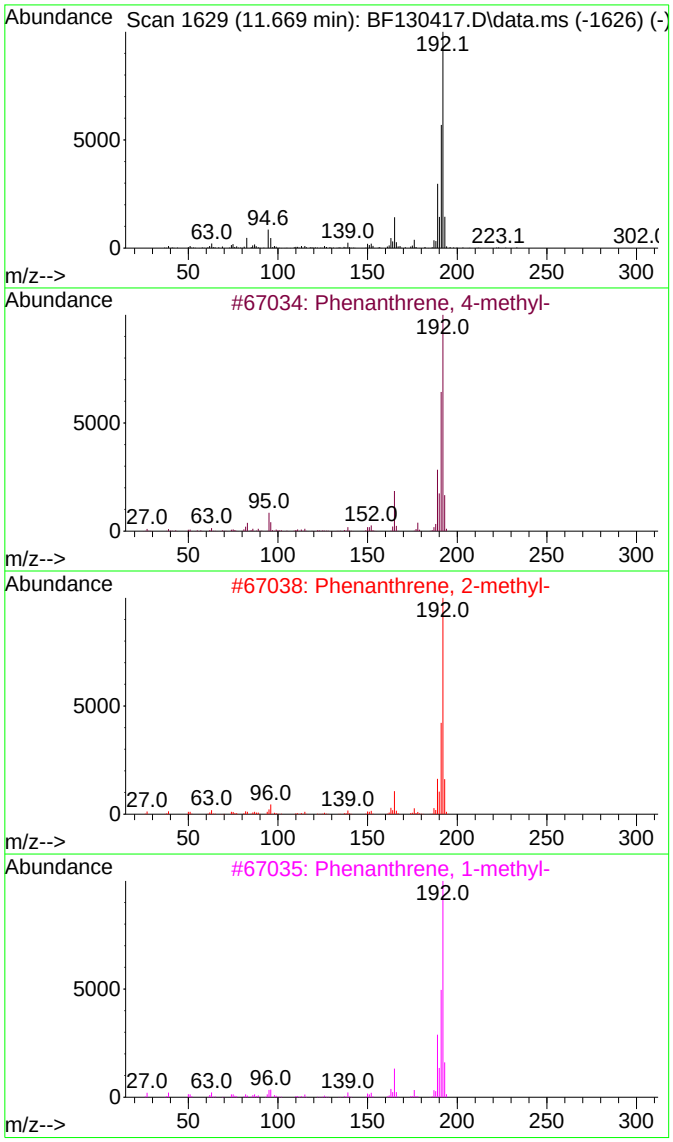
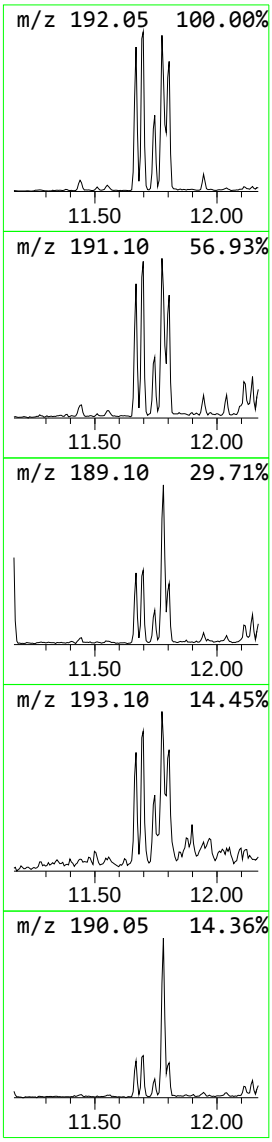
Peak Number 11 Phenanthrene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.669	8.35 ng	202108	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

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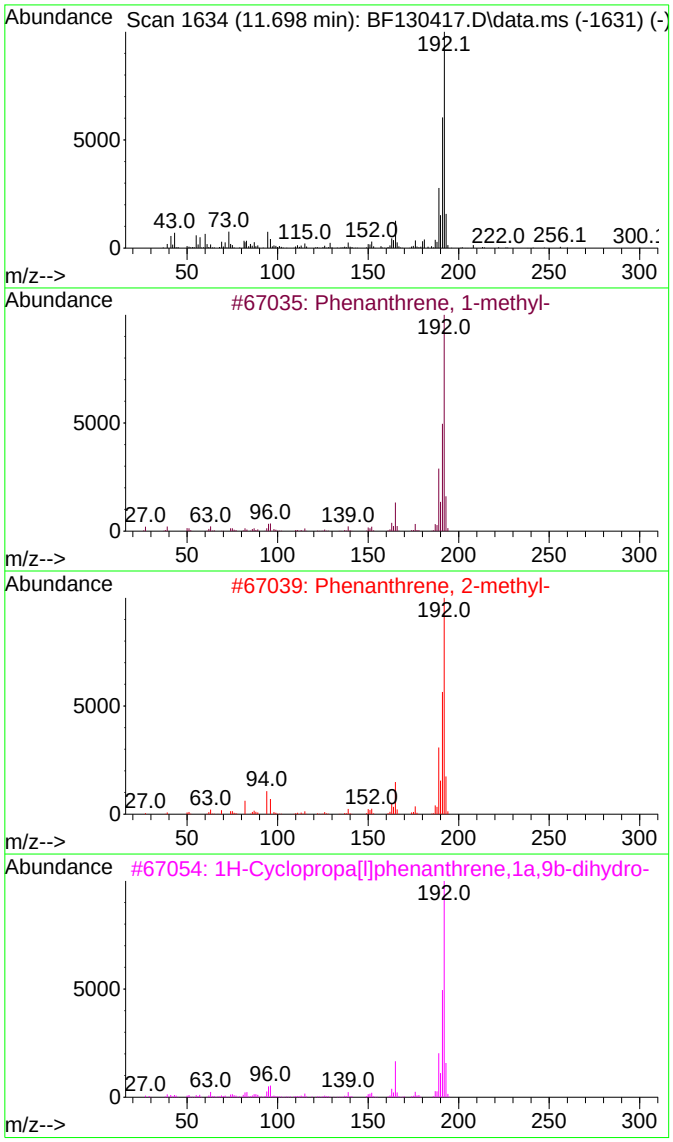
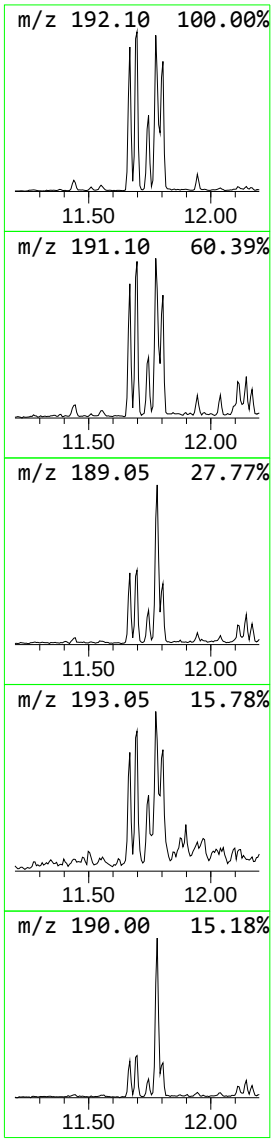
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.698	16.84 ng	407828	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

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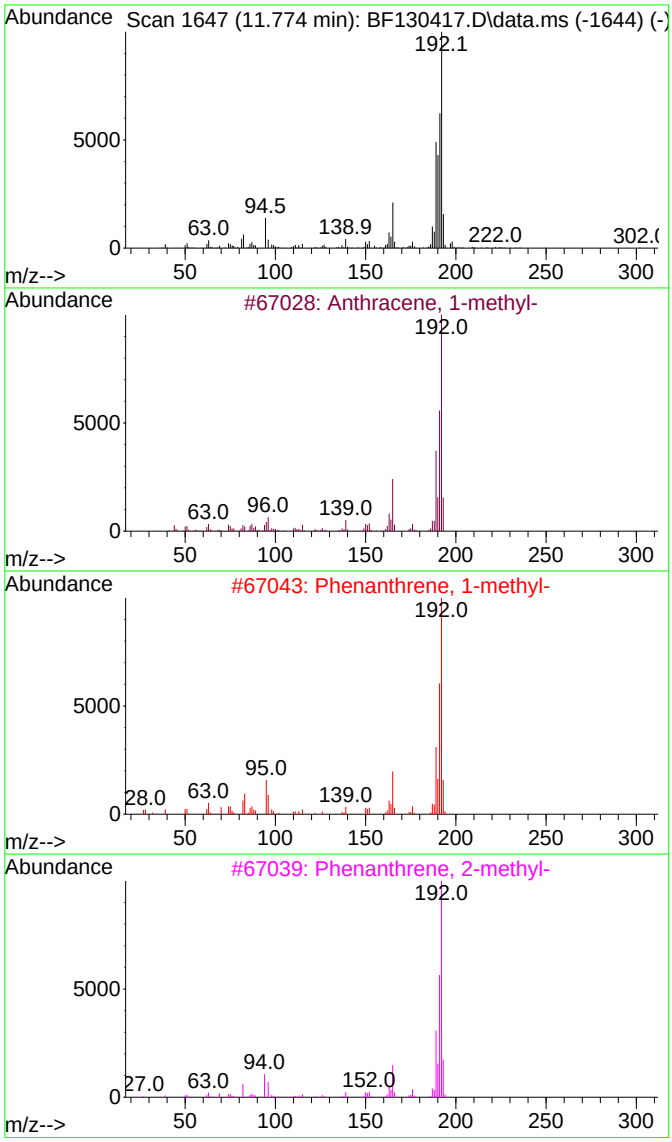
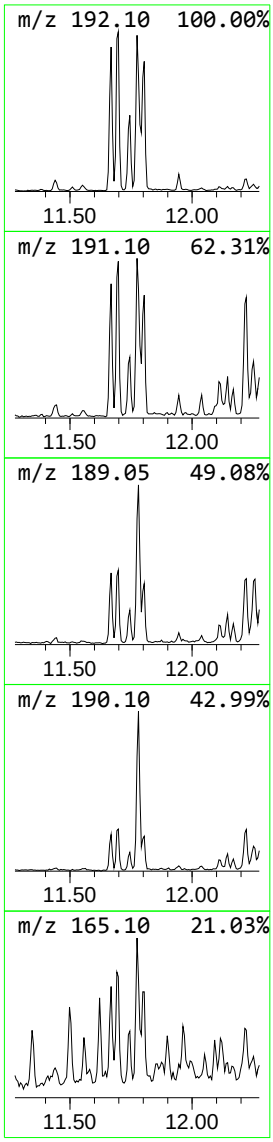
Peak Number 13 Anthracene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.774	16.88 ng	408684	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64





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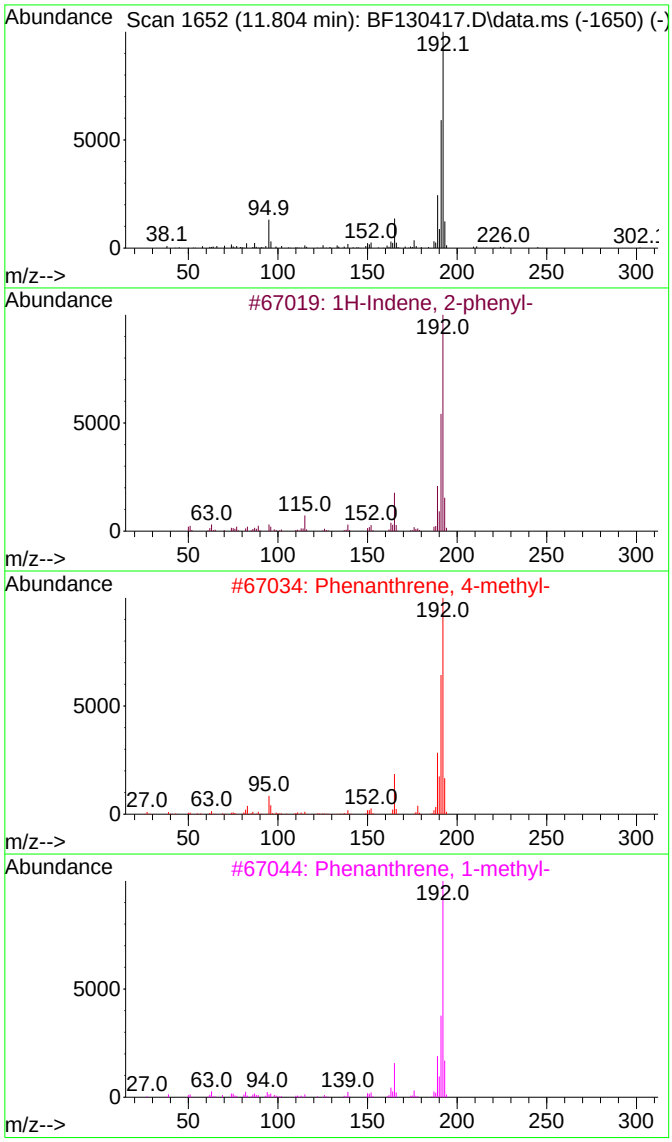
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

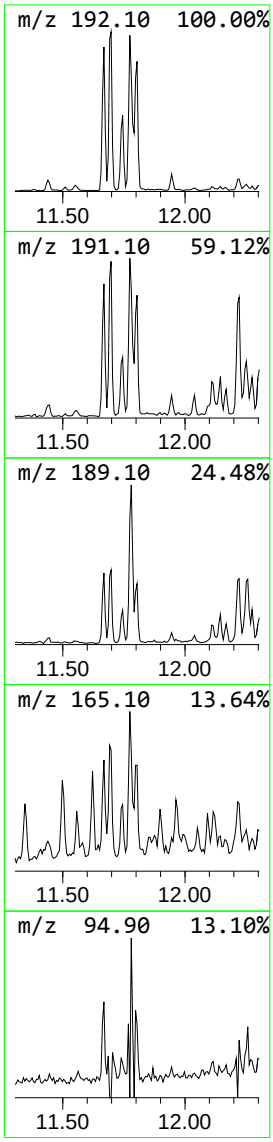
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Indene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	7.49 ng	181408	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90





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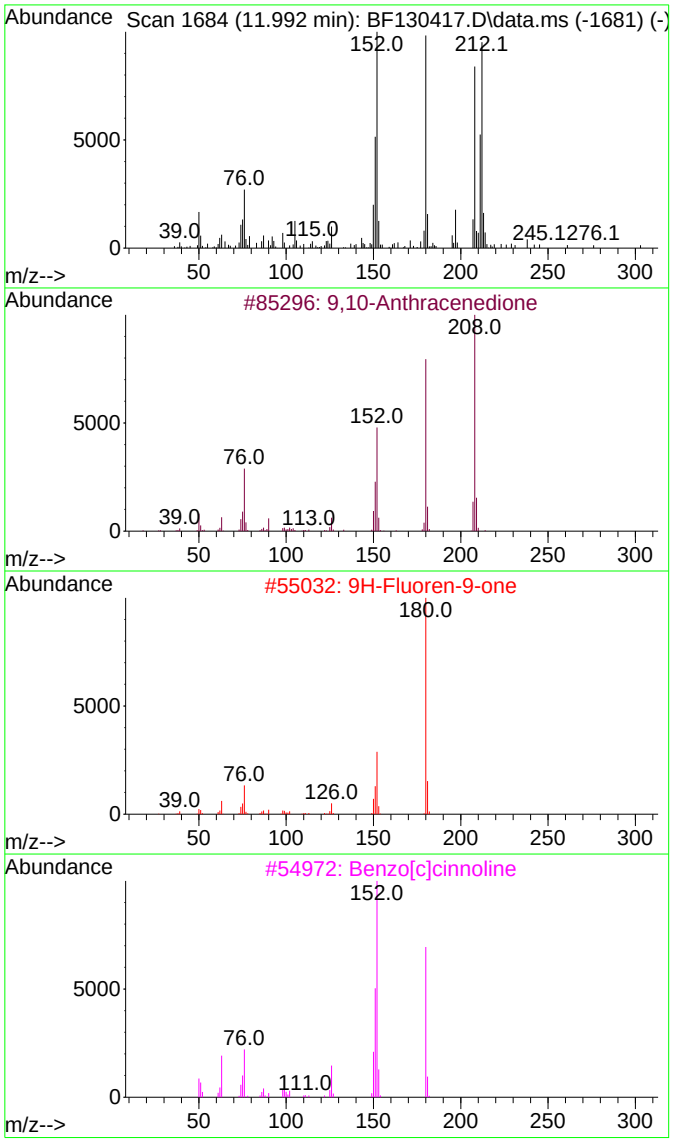
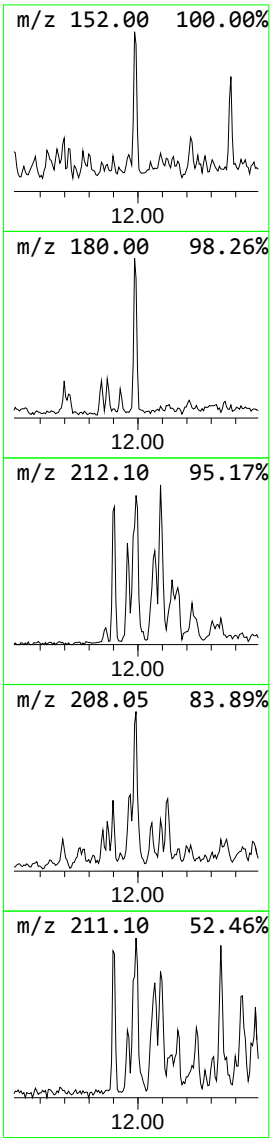
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	6.34 ng	153567	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	86
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	52
5	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	48





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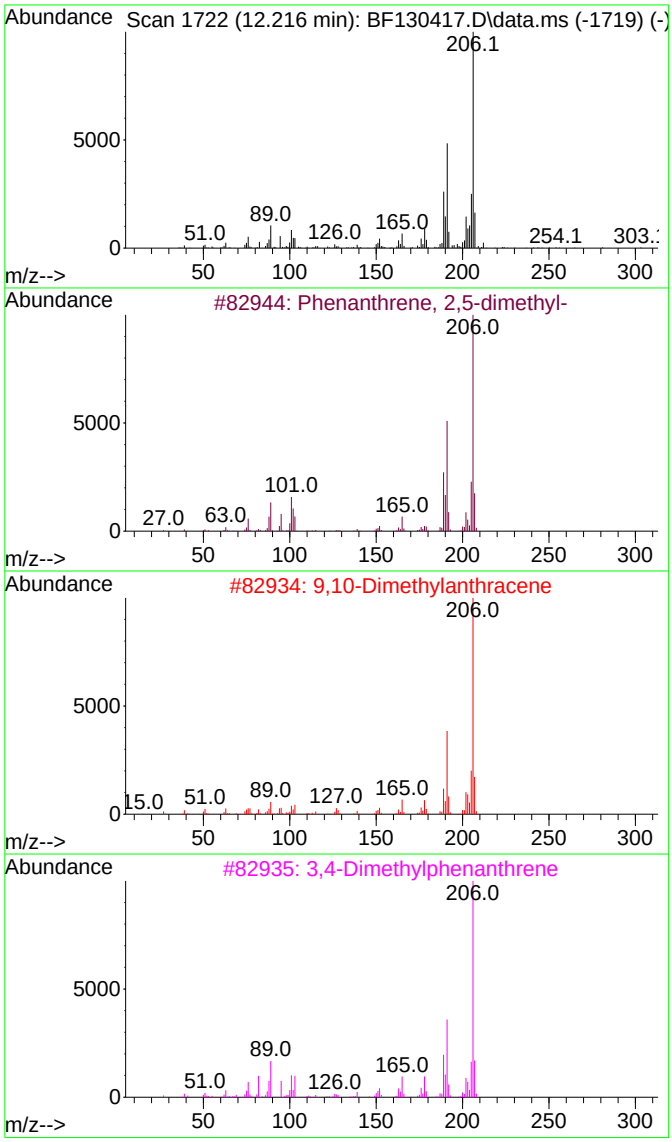
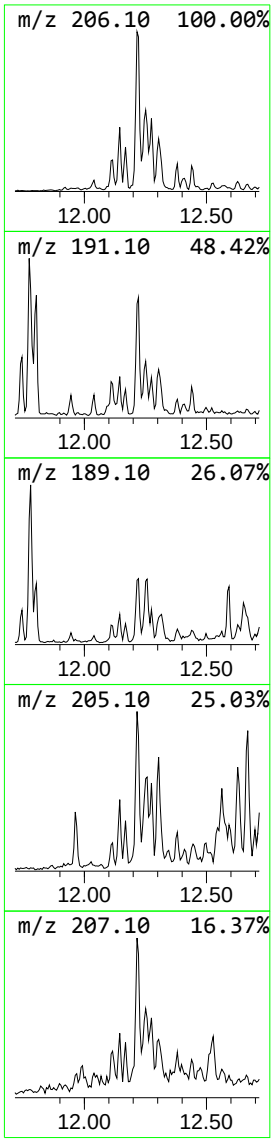
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	14.38 ng	348286	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Acq On : 26 Sep 2022 20:20
Operator : CG\JU
Sample : N4809-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-0923

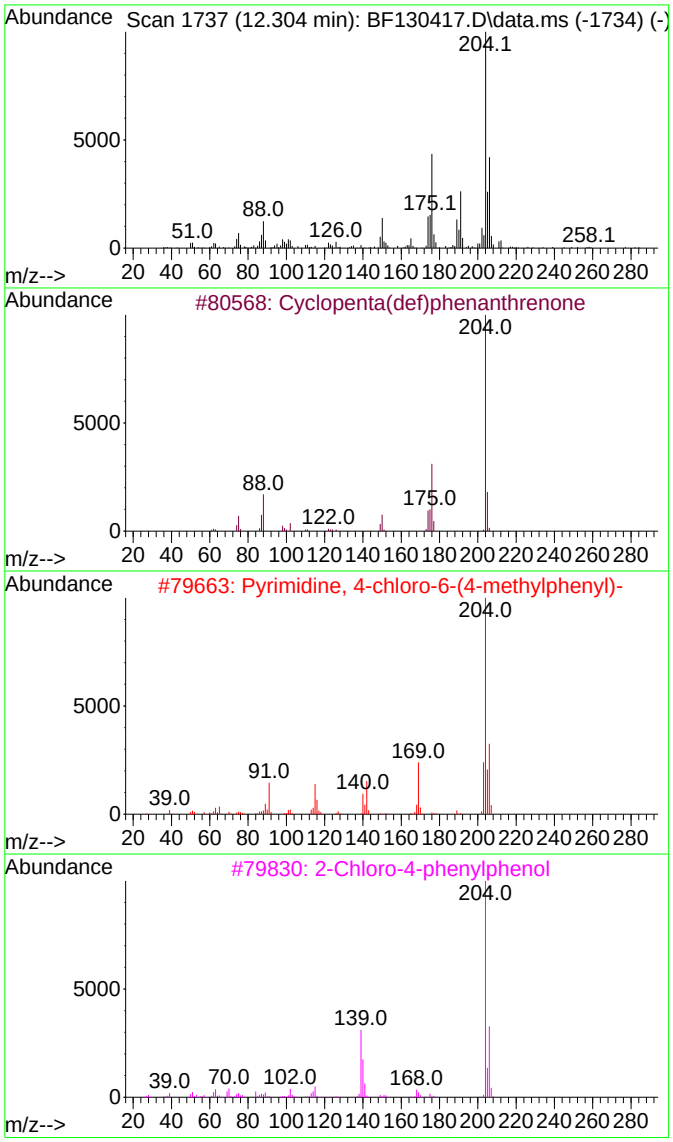
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

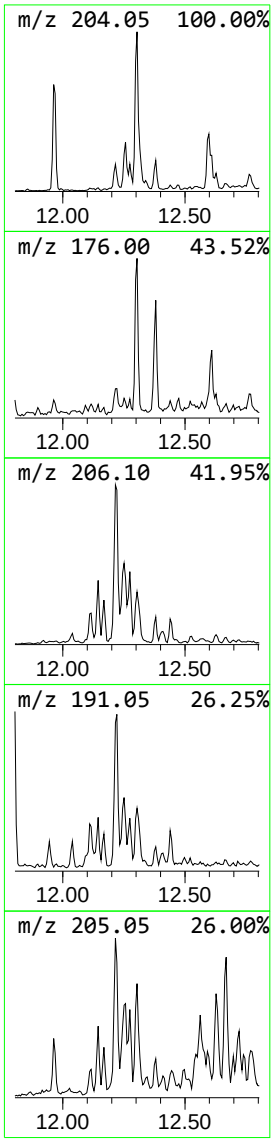
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	10.86 ng	262973	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	78
2	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	47
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	41
5	3-Chloro-[1,1'-biphenyl]-2-yl ac...	246	C14H11ClO2	007460-70-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
Data File : BF130417.D
Acq On : 26 Sep 2022 20:20
Operator : CG\JU
Sample : N4809-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-0923

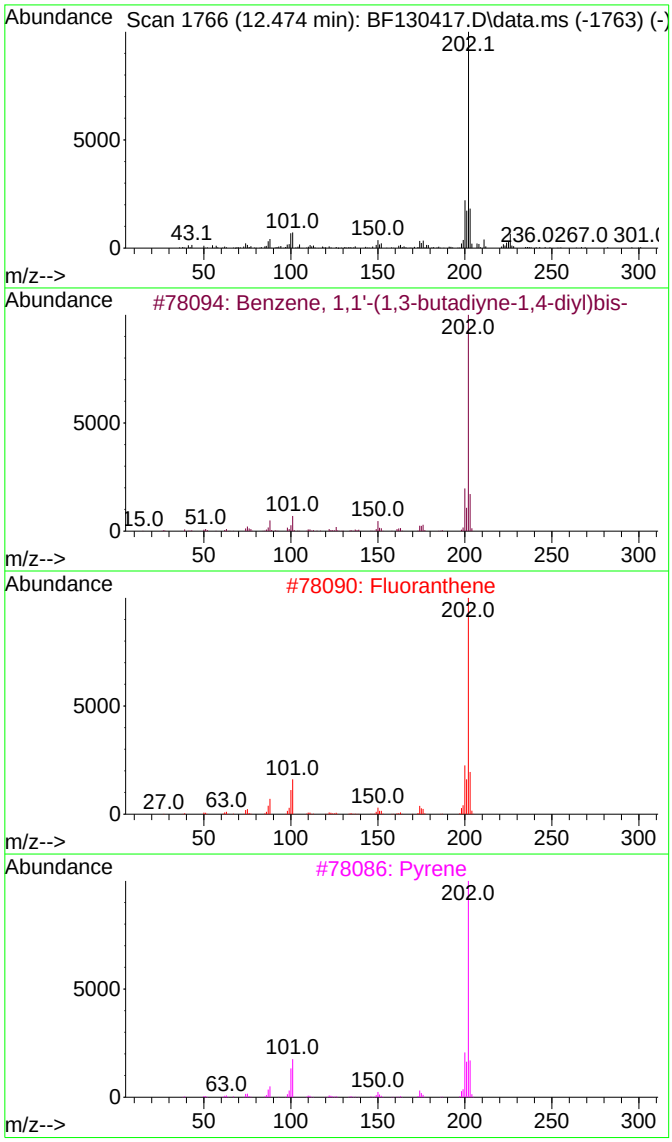
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

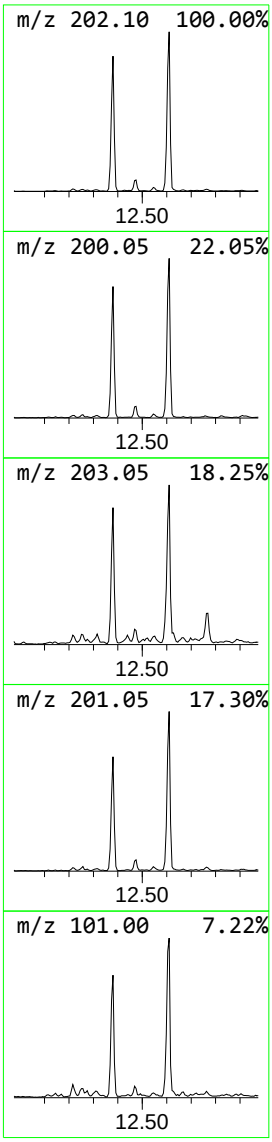
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.474	4.71 ng	113940	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	93
2	Fluoranthene	202	C16H10	000206-44-0	93
3	Pyrene	202	C16H10	000129-00-0	86
4	Pyrene, 10b,10c-dihydro-10b,10c-...	288	C22H24	028816-94-6	50
5	l-Leucine, N-methyl-N-(2-methoxy...	499	C29H57NO5	1000328-55-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
Data File : BF130417.D
Acq On : 26 Sep 2022 20:20
Operator : CG\JU
Sample : N4809-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-0923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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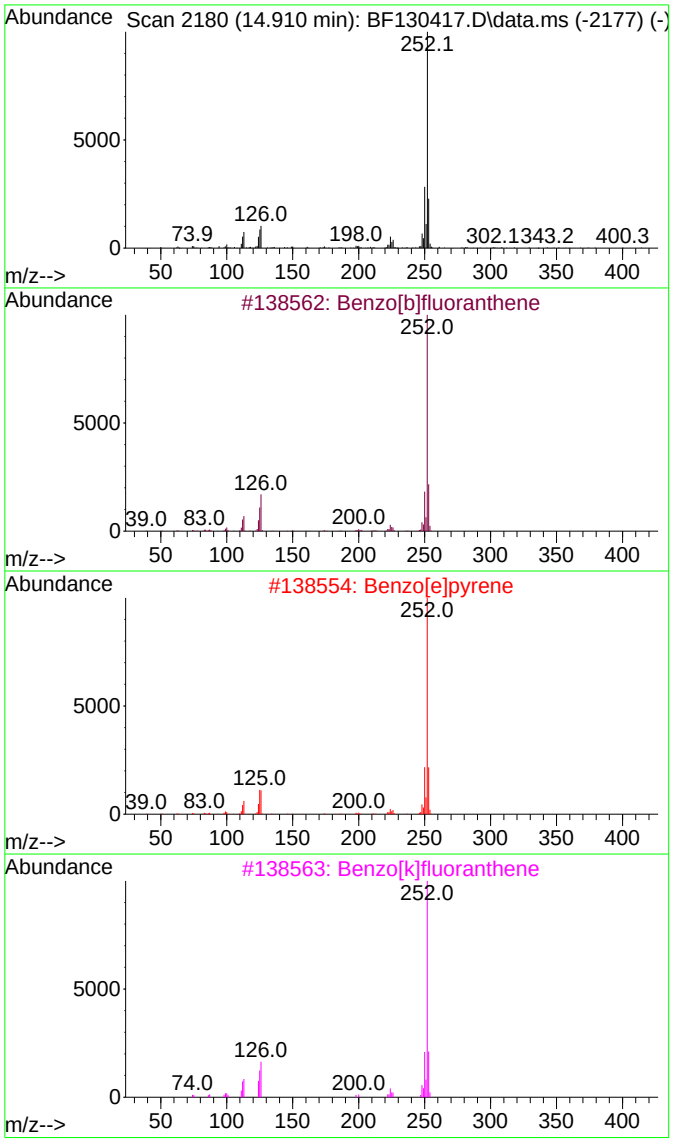
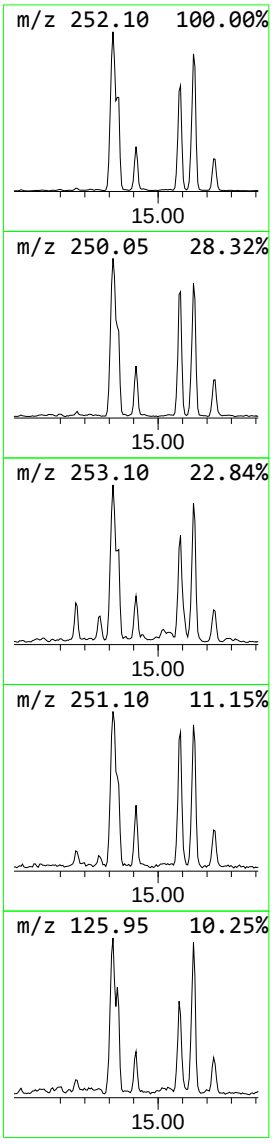
Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.910	9.86 ng	243163	Perylene-d12	15.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
Data File : BF130417.D
Acq On : 26 Sep 2022 20:20
Operator : CG\JU
Sample : N4809-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-0923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

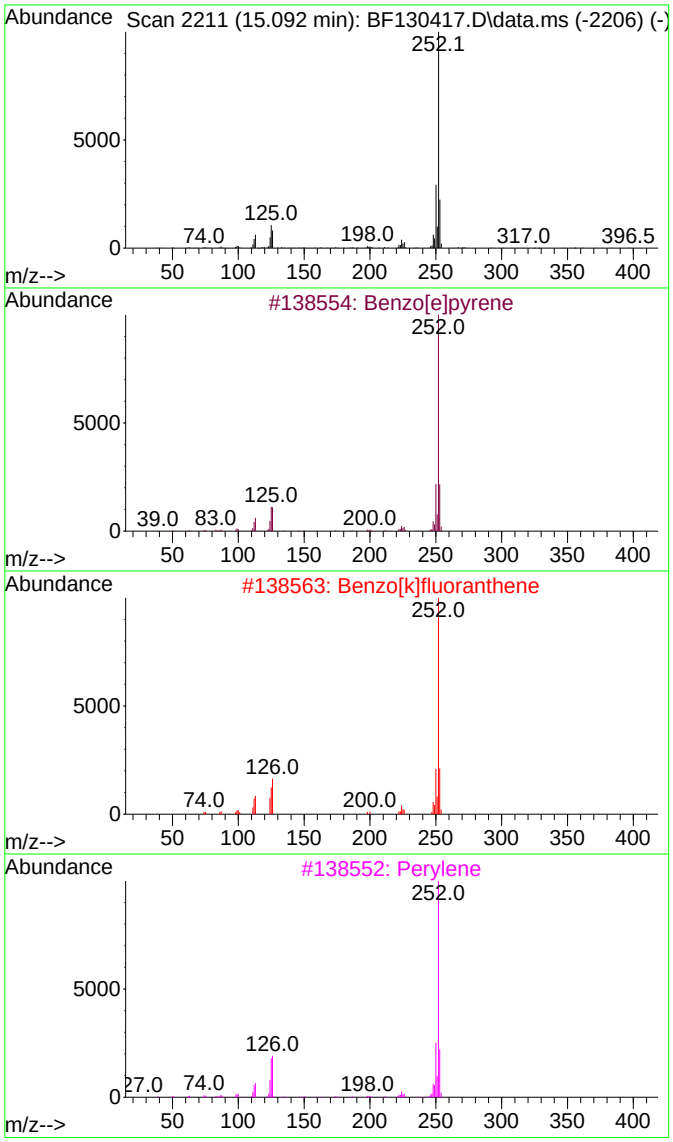
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

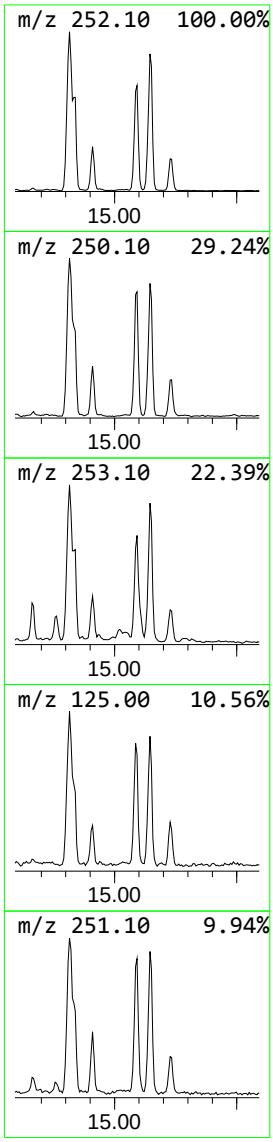
****

Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	32.33 ng	796919	Perylene-d12	15.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
Data File : BF130417.D
Acq On : 26 Sep 2022 20:20
Operator : CG\JU
Sample : N4809-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-0923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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
2-Pentanone, 4-...	4.834	8.0	ng	189315	1	6.651	471956	20.0
Bicyclo[4.2.0]o...	5.469	5.0	ng	118654	1	6.651	471956	20.0
Benzene, 1-ethe...	6.487	7.8	ng	182783	1	6.651	471956	20.0
Indene	6.916	6.0	ng	141122	1	6.651	471956	20.0
Benzenemethanet...	7.510	7.5	ng	209182	2	7.934	557692	20.0
p-Cymene	8.157	6.4	ng	177535	2	7.934	557692	20.0
o-Cymene	8.210	7.3	ng	203851	2	7.934	557692	20.0
4-Methylbenzyl ...	9.133	6.4	ng	147656	3	9.686	462910	20.0
Naphthalene, 2-...	9.410	5.0	ng	116461	3	9.686	462910	20.0
1(2H)-Acenaphth...	10.598	5.2	ng	124821	4	11.169	484318	20.0
Phenanthrene, 4...	11.669	8.3	ng	202108	4	11.169	484318	20.0
Phenanthrene, 1...	11.698	16.8	ng	407828	4	11.169	484318	20.0
Anthracene, 1-m...	11.774	16.9	ng	408684	4	11.169	484318	20.0
1H-Indene, 2-ph...	11.804	7.5	ng	181408	4	11.169	484318	20.0
9,10-Anthracene...	11.992	6.3	ng	153567	4	11.169	484318	20.0
Phenanthrene, 2...	12.216	14.4	ng	348286	4	11.169	484318	20.0
Cyclopenta(def)...	12.304	10.9	ng	262973	4	11.169	484318	20.0
Benzene, 1,1'-(...	12.474	4.7	ng	113940	4	11.169	484318	20.0
Benzo[e]pyrene	14.910	9.9	ng	243163	6	15.204	493037	20.0
Perylene	15.092	32.3	ng	796919	6	15.204	493037	20.0