LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134234.D
Acq On : 12 Jul 2023 02:49
Operator : CG\JU
Sample : 03375-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134234.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	19	22	29	rVB2	15972	24029	1.12%	0.100%
2	5.075	505	508	521	rVB	33900	40275	1.87%	0.168%
3	5.475	573	576	591	rBV	990938	935126	43.41%	3.890%
4	6.016	665	668	672	rVB	61454	58401	2.71%	0.243%
5	6.128	683	687	690	rBV	2392095	2154316	100.00%	8.961%
6	6.293	708	715	718	rBV	98828	92113	4.28%	0.383%
7	6.322	718	720	726	rBV	35460	51540	2.39%	0.214%
8	6.481	744	747	756	rBV	948614	863629	40.09%	3.592%
9	6.675	777	780	786	rVB2	28565	27516	1.28%	0.114%
10	6.846	806	809	815	rBV	746598	574646	26.67%	2.390%
11	6.916	815	821	825	rVV	85728	75983	3.53%	0.316%
12	6.957	825	828	831	rVB	35347	28216	1.31%	0.117%
13	7.110	849	854	858	rBV2	21482	28993	1.35%	0.121%
14	7.404	901	904	908	rBV	641312	526314	24.43%	2.189%
15	7.434	908	909	912	rVB	41116	25271	1.17%	0.105%
16	7.828	968	976	989	rBV4	81247	191278	8.88%	0.796%
17	7.957	994	998	1001	rVB3	19576	23645	1.10%	0.098%
18	8.122	1023	1026	1029	rBV	704845	619800	28.77%	2.578%
19	8.181	1033	1036	1039	rVB2	36466	30990	1.44%	0.129%
20	8.251	1045	1048	1054	rVB	134137	116827	5.42%	0.486%
21	8.839	1145	1148	1151	rBV	32056	25997	1.21%	0.108%
22	8.939	1162	1165	1172	rVB	34671	37269	1.73%	0.155%
23	9.198	1206	1209	1213	rBV	1011733	803056	37.28%	3.340%
24	9.281	1219	1223	1225	rBV	44520	43225	2.01%	0.180%
25	9.539	1264	1267	1270	rBV	33762	34745	1.61%	0.145%
26	9.745	1299	1302	1307	rBV	272989	228978	10.63%	0.952%
27	9.810	1311	1313	1318	rVB	34808	27508	1.28%	0.114%
28	9.886	1322	1326	1329	rVB	626935	558796	25.94%	2.324%
29	10.086	1355	1360	1365	rBV2	45344	49979	2.32%	0.208%
30	10.310	1396	1398	1401	rVB	36626	28376	1.32%	0.118%
31	10.434	1416	1419	1427	rVB	44439	51816	2.41%	0.216%
32	10.539	1433	1437	1442	rBV3	39306	46190	2.14%	0.192%
33	10.598	1444	1447	1449	rBV2	54486	49209	2.28%	0.205%
34	10.675	1457	1460	1467	rBV	532415	482282	22.39%	2.006%
35	10.733	1467	1470	1477	rVB	105078	111967	5.20%	0.466%
36	10.798	1477	1481	1486	rVB4	46345	78436	3.64%	0.326%

LSC Area Percent Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

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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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.139	1537	1539	1543	rVB5	21791	23886	1.11%	0.099%
38	11.186	1543	1547	1550	rBV	63196	58736	2.73%	0.244%
39	11.275	1559	1562	1567	rVB2	52199	56312	2.61%	0.234%
40	11.381	1576	1580	1582	rBV	694444	602229	27.95%	2.505%
41	11.404	1582	1584	1588	rVV	671106	516254	23.96%	2.147%
42	11.457	1590	1593	1596	rVV	135340	121030	5.62%	0.503%
43	11.486	1596	1598	1601	rVB2	36652	36893	1.71%	0.153%
44	11.616	1615	1620	1627	rBV2	91450	105294	4.89%	0.438%
45	11.675	1627	1630	1634	rVB5	33247	35681	1.66%	0.148%
46	11.716	1634	1637	1640	rBV4	23397	27987	1.30%	0.116%
47	11.880	1661	1665	1667	rBV	88314	104629	4.86%	0.435%
48	11.910	1667	1670	1677	rVV	546014	538366	24.99%	2.239%
49	11.998	1681	1685	1687	rBV2	100834	106624	4.95%	0.443%
50	12.086	1698	1700	1704	rVB4	50449	53822	2.50%	0.224%
51	12.157	1710	1712	1714	rBV2	34163	29587	1.37%	0.123%
52	12.180	1714	1716	1718	rVV	43741	33843	1.57%	0.141%
53	12.210	1718	1721	1724	rVB	133165	113389	5.26%	0.472%
54	12.316	1736	1739	1740	rBV2	51467	44909	2.08%	0.187%
55	12.363	1744	1747	1748	rBV3	27844	23052	1.07%	0.096%
56	12.386	1748	1751	1756	rVB	134968	126805	5.89%	0.527%
57	12.451	1757	1762	1764	rBV3	106827	146448	6.80%	0.609%
58	12.527	1772	1775	1777	rBV	87538	88063	4.09%	0.366%
59	12.604	1784	1788	1790	rBV	1112490	913155	42.39%	3.798%
60	12.622	1790	1791	1797	rVV3	198131	259593	12.05%	1.080%
61	12.698	1801	1804	1809	rBV	267949	274858	12.76%	1.143%
62	12.833	1821	1827	1833	rBV	834251	819822	38.05%	3.410%
63	12.975	1848	1851	1854	rBV	769970	599428	27.82%	2.493%
64	13.086	1867	1870	1873	rBV	351812	274226	12.73%	1.141%
65	13.163	1877	1883	1887	rVB3	99928	186852	8.67%	0.777%
66	13.269	1897	1901	1906	rVB3	78106	123515	5.73%	0.514%
67	13.363	1914	1917	1920	rBV	363299	375045	17.41%	1.560%
68	13.392	1920	1922	1929	rVB3	88978	86900	4.03%	0.361%
69	13.463	1930	1934	1936	rBV	1464048	1415300	65.70%	5.887%
70	13.480	1936	1937	1941	rVB	219614	171760	7.97%	0.714%
71	13.527	1941	1945	1952	rBV	514808	631505	29.31%	2.627%
72	13.680	1968	1971	1974	rBV	141664	131996	6.13%	0.549%
73	13.716	1974	1977	1980	rBV2	216151	213747	9.92%	0.889%
74	13.745	1980	1982	1987	rVB4	120320	113953	5.29%	0.474%
75	13.792	1987	1990	1992	rBV	81016	71409	3.31%	0.297%
76	13.816	1992	1994	1996	rBV	111312	112122	5.20%	0.466%

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Instrument :
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SB-5(0-2)

Integration Parameters: rteint.p
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.857	1996	2001	2005	rBV2	1647391	2078298	96.47%	8.644%
78	14.022	2026	2029	2031	rBV	637438	709144	32.92%	2.950%
79	14.045	2031	2033	2036	rVV	621497	732972	34.02%	3.049%
80	14.069	2036	2037	2041	rVB	331322	262813	12.20%	1.093%
81	15.110	2211	2214	2218	rBV	346574	538117	24.98%	2.238%
82	15.427	2265	2268	2274	rVB	198118	243033	11.28%	1.011%
83	15.492	2276	2279	2284	rVB	261511	312715	14.52%	1.301%
84	15.557	2287	2290	2294	rBV	208904	249210	11.57%	1.037%

Sum of corrected areas: 24042064

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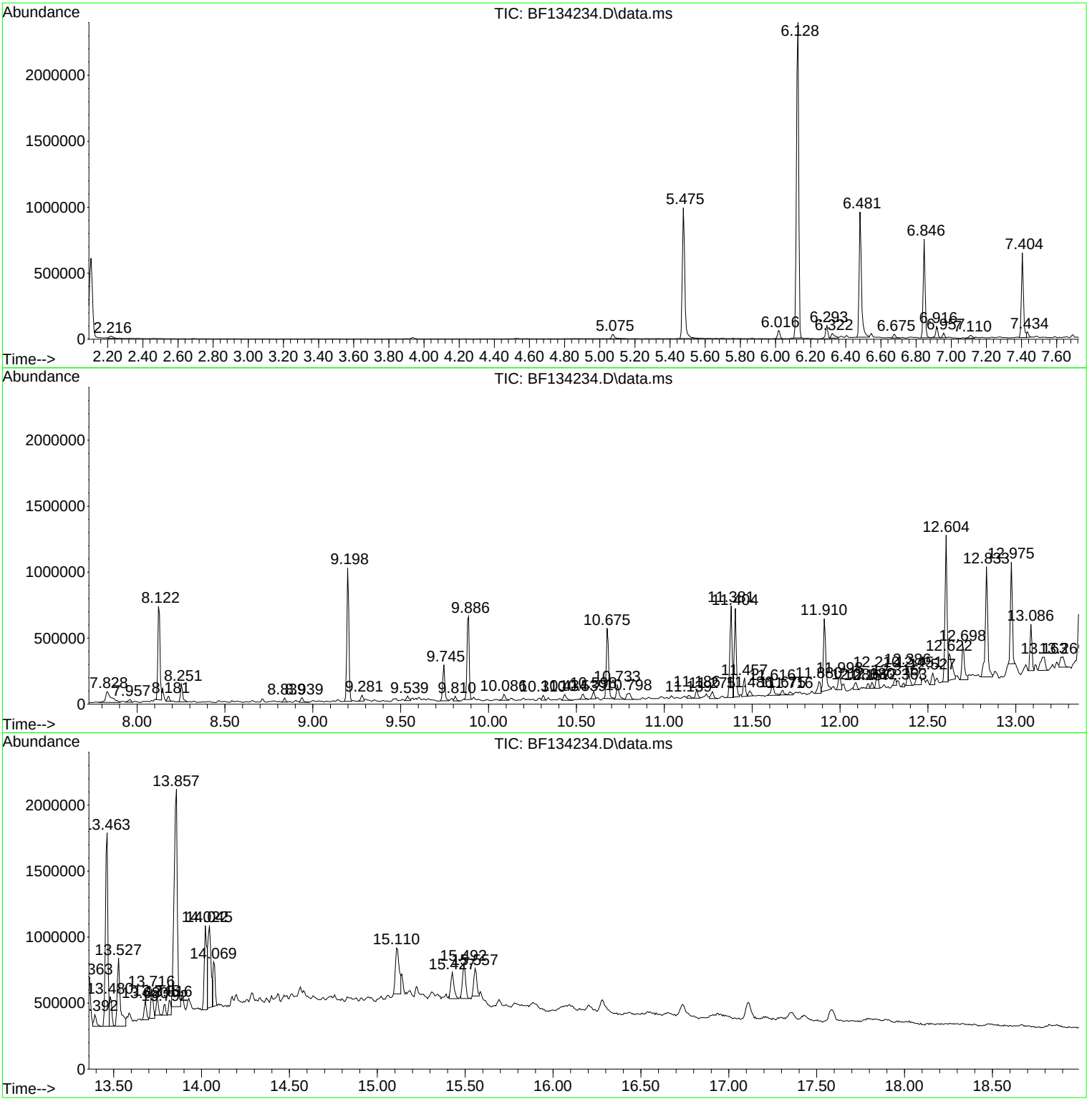
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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\BF071123\
Data File : BF134234.D
Acq On : 12 Jul 2023 02:49
Operator : CG\JU
Sample : 03375-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

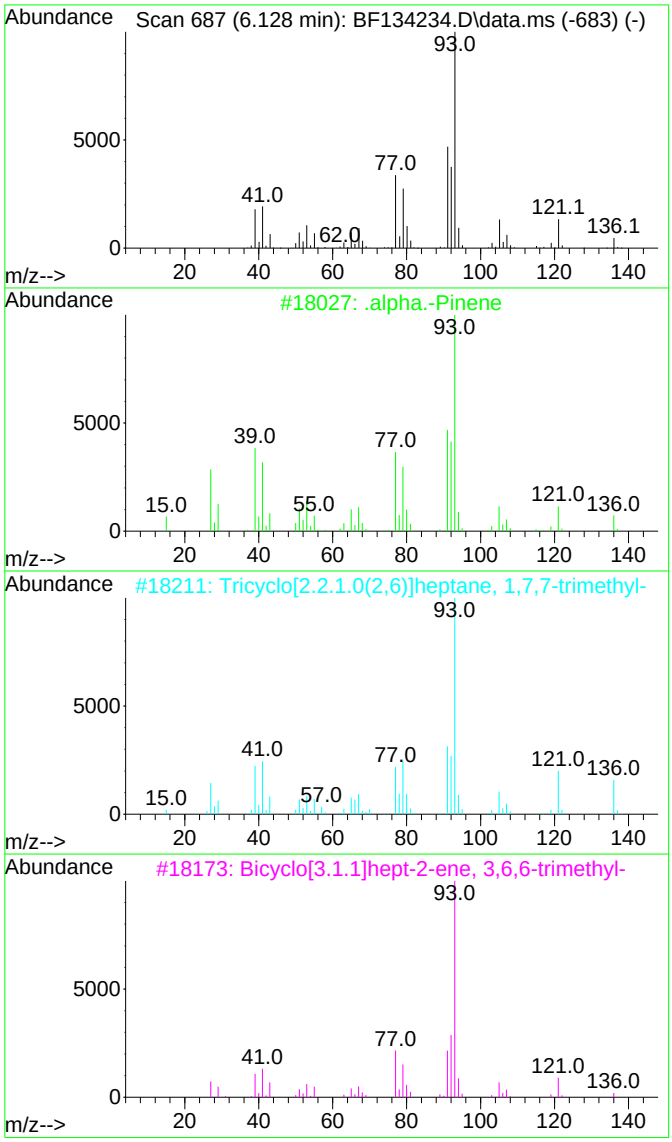
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

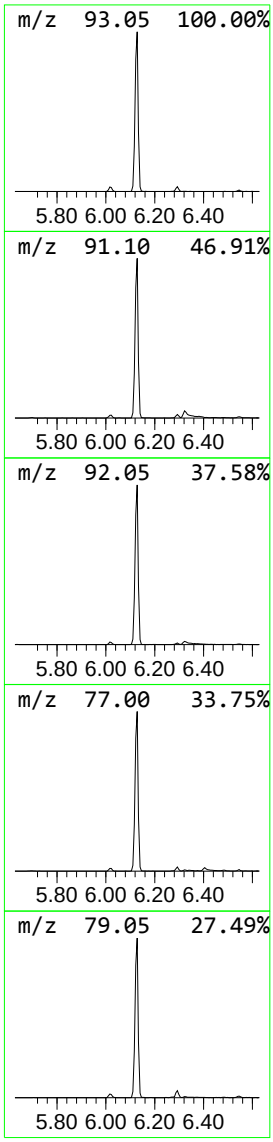
****

Peak Number 1 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.128	74.98 ng	2154320	1,4-Dichlorobenzene-d4	6.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4	.gamma.-Terpinene	136	C10H16	000099-85-4	91
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91





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SB-5(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

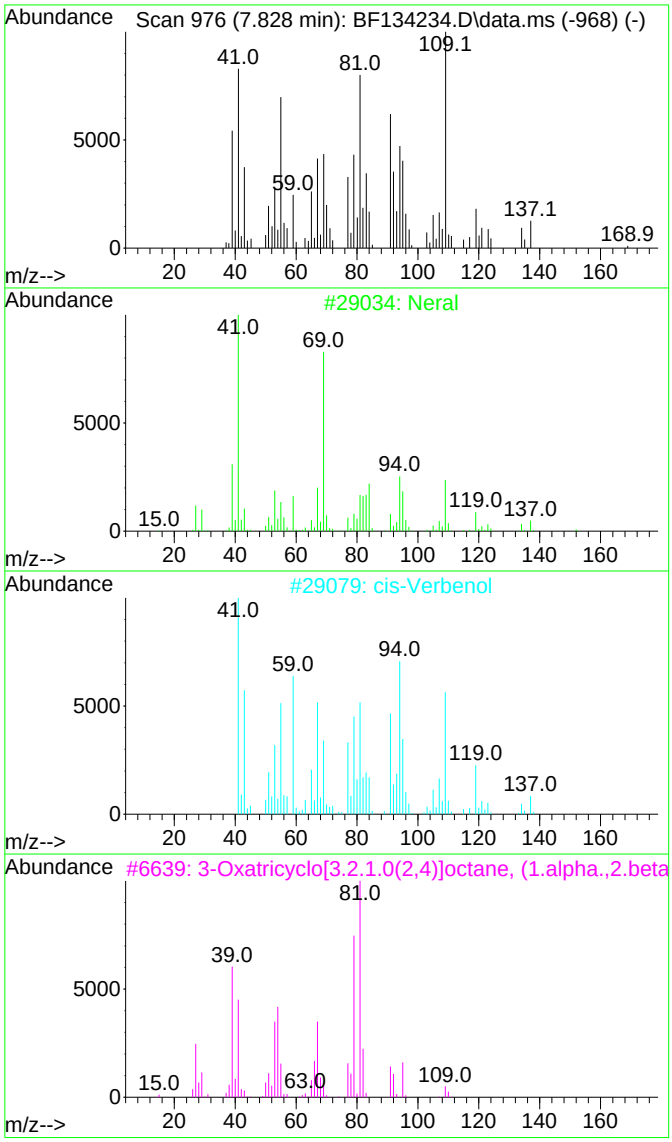
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

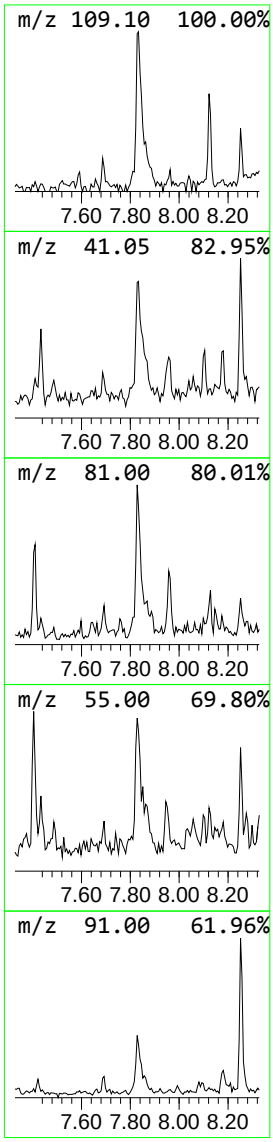
****

Peak Number 2 unknown7.828 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.828	6.17 ng	191278	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neral	152	C10H16O	000106-26-3	35
2	cis-Verbenol	152	C10H16O	001845-30-3	35
3	3-Oxatricyclo[3.2.1.0(2,4)]octan...	110	C7H10O	003146-39-2	27
4	3,7,11,Trimethyl-8,10- dodecedie...	266	C17H30O2	1000374-10-3	27
5	Verbenol	152	C10H16O	000473-67-6	25





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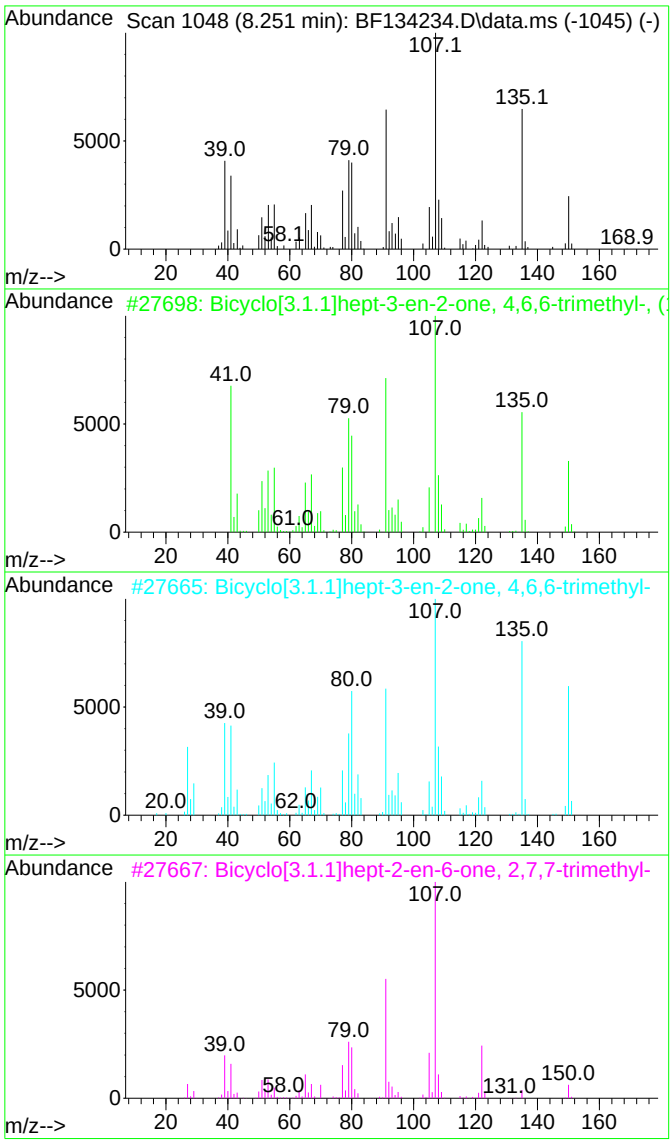
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

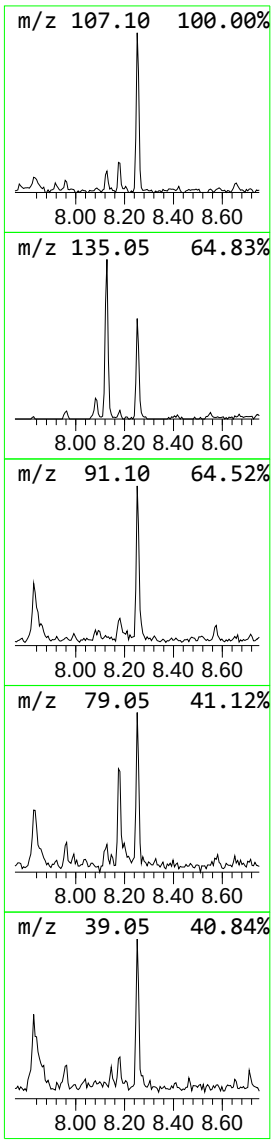
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Bicyclo[3.1.1]hept-3-en-2-o... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.251	3.77 ng	116827	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-3-en-2-one, 4...	150	C10H14O	001196-01-6	97
2	Bicyclo[3.1.1]hept-3-en-2-one, 4...	150	C10H14O	000080-57-9	87
3	Bicyclo[3.1.1]hept-2-en-6-one, 2...	150	C10H14O	000473-06-3	76
4	2-Cyclohexen-1-one, 3-methyl-6-(...	150	C10H14O	000491-09-8	64
5	2-Methyl-2-bornene	150	C11H18	072540-93-3	49





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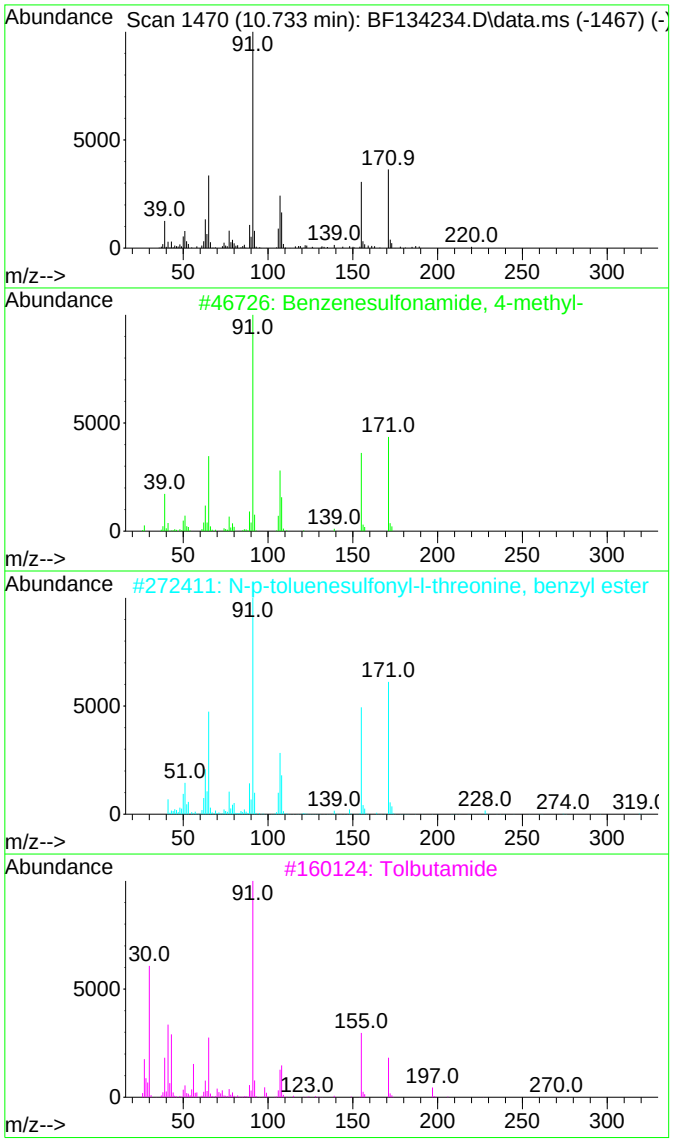
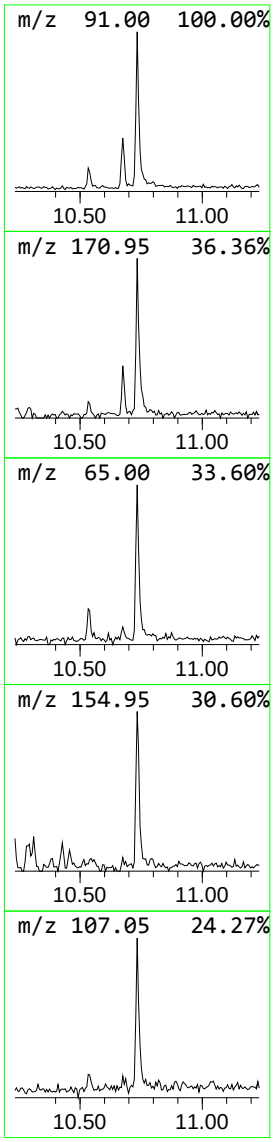
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzenesulfonamide, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.733	3.72 ng	111967	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	97
2	N-p-toluenesulfonyl-l-threonine,...	363	C18H21NO5S	1000130-34-4	83
3	Tolbutamide	270	C12H18N2O3S	000064-77-7	59
4	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	43
5	N-Sulfinyl-p-toluenesulfonamide	217	C7H7NO3S2	004104-47-6	43





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Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

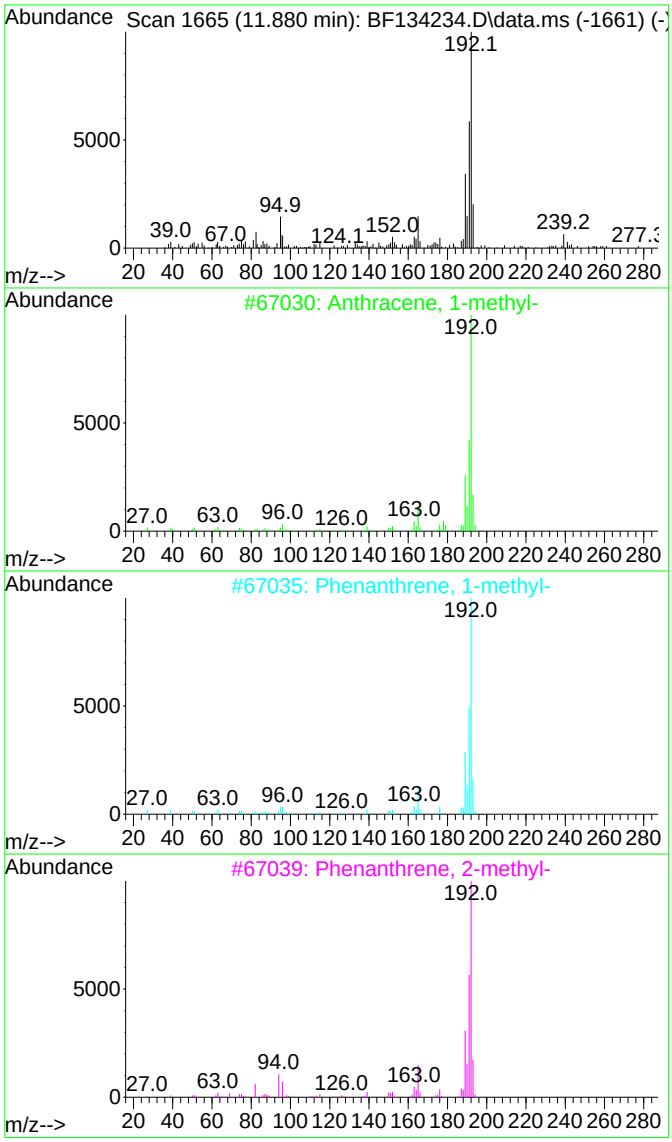
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

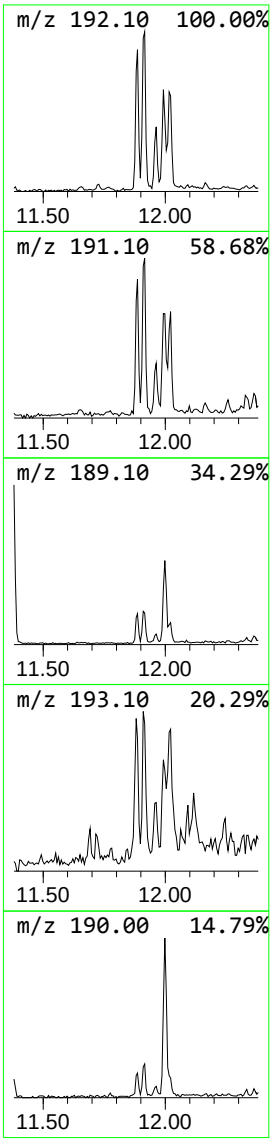
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.881	3.47 ng	104629	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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ClientSampleId :
SB-5(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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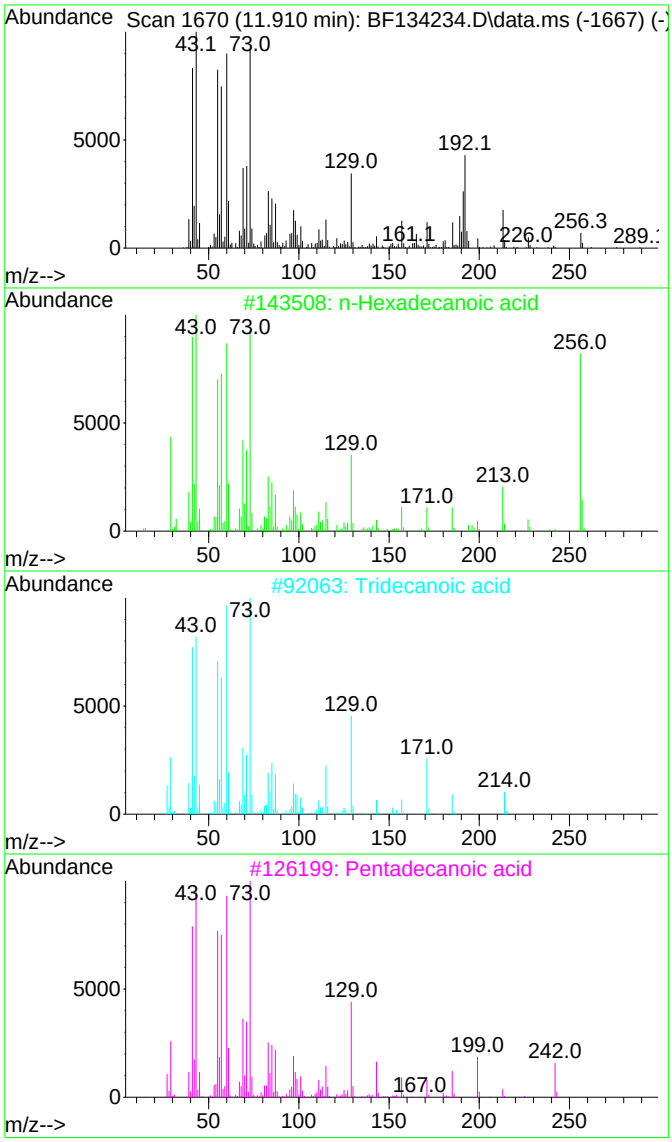
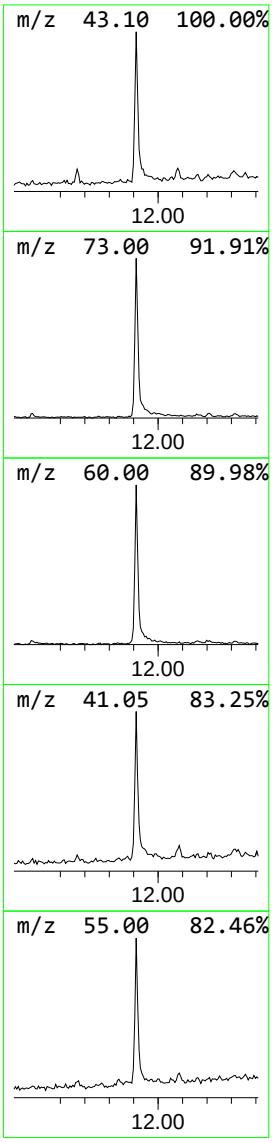
Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	17.88 ng	538366	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Undecanoic acid	186	C11H22O2	000112-37-8	52





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Sample : 03375-01 2X
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

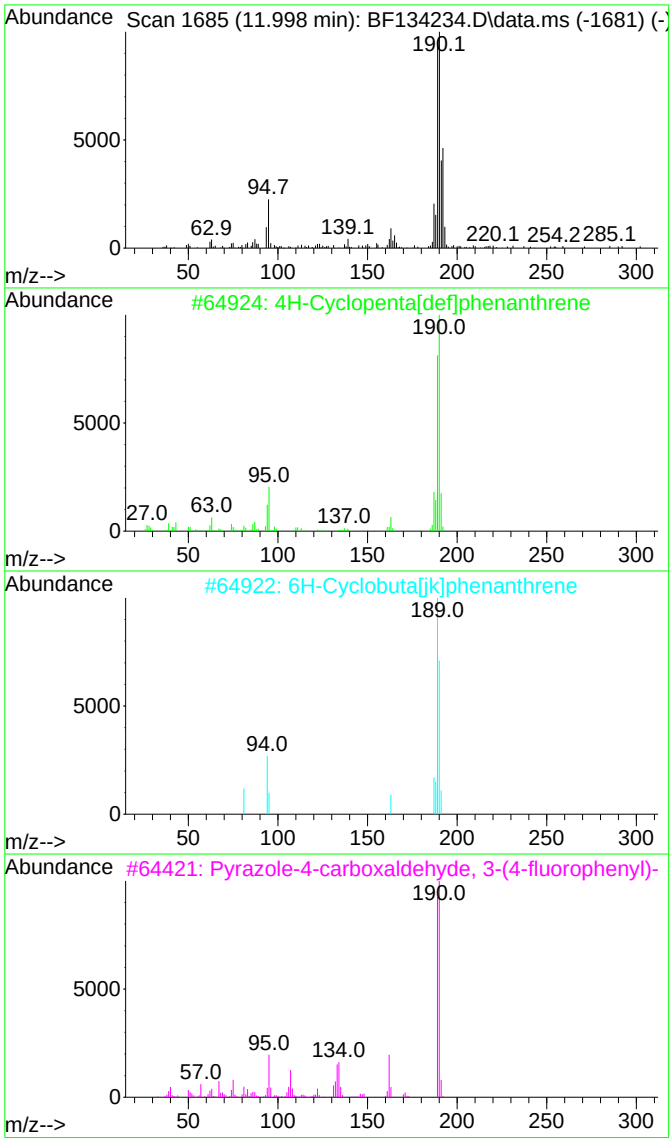
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

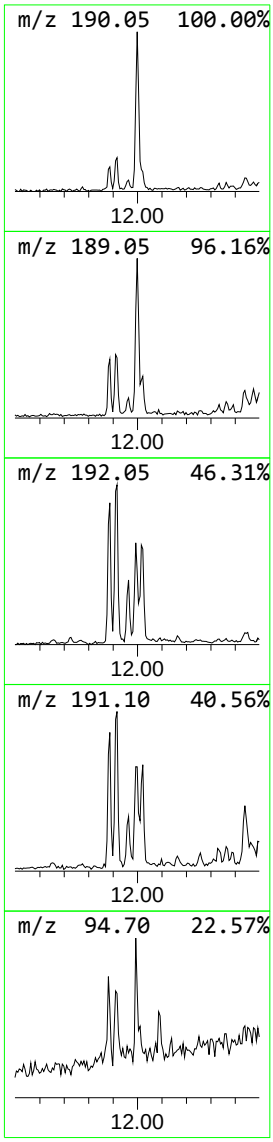
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	3.54 ng	106624	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40





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

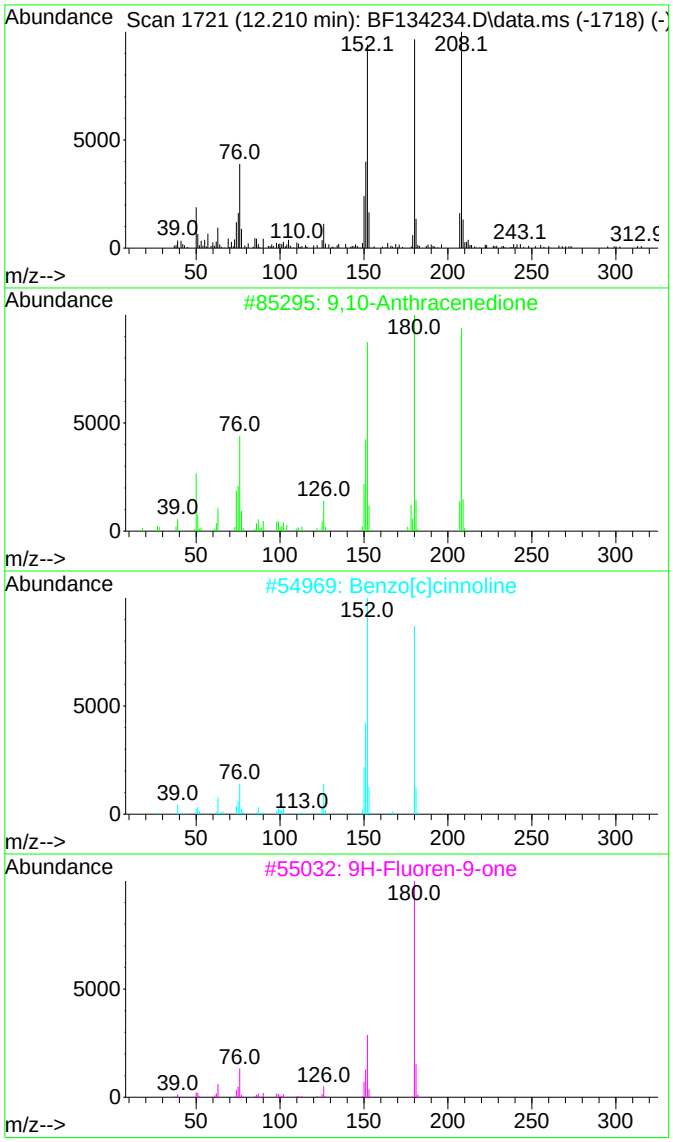
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

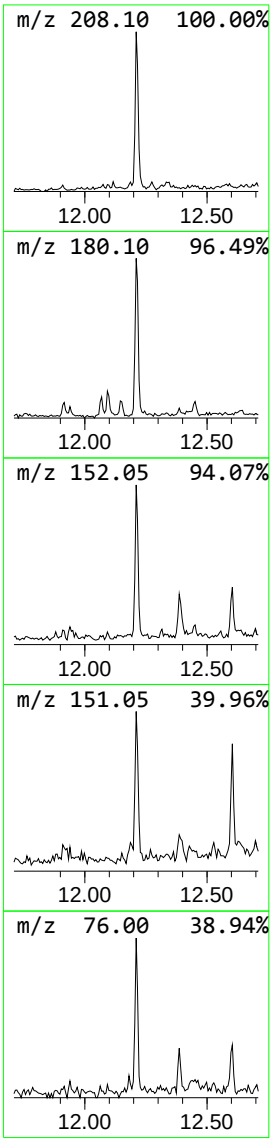
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.210	3.77 ng	113389	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	49





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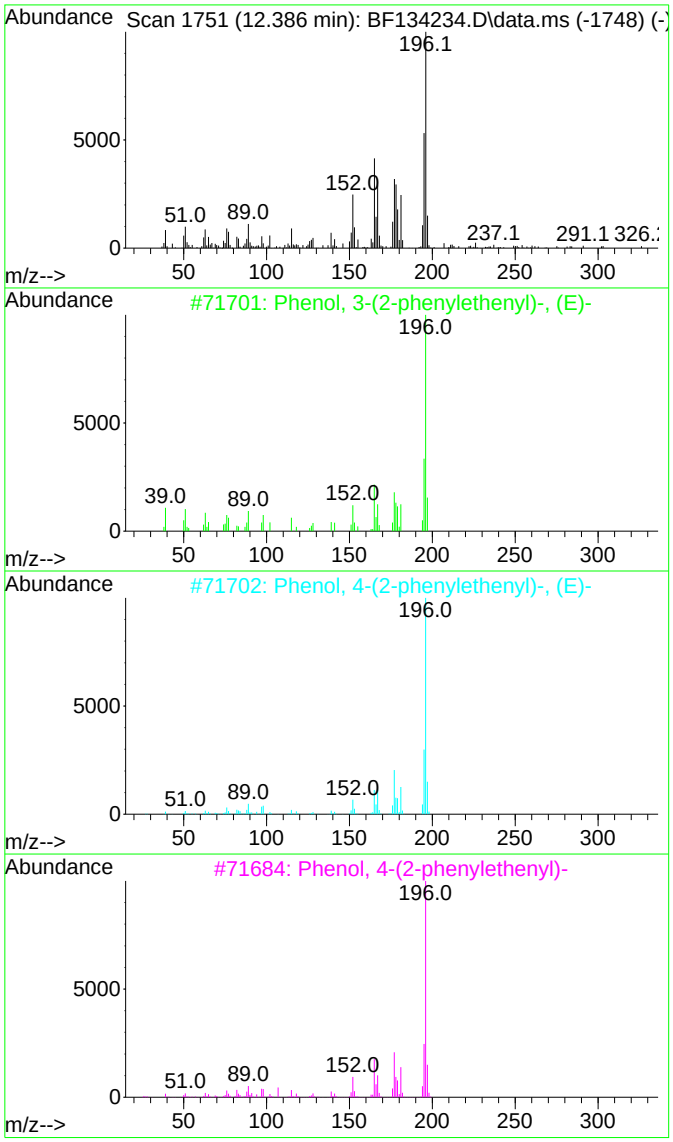
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

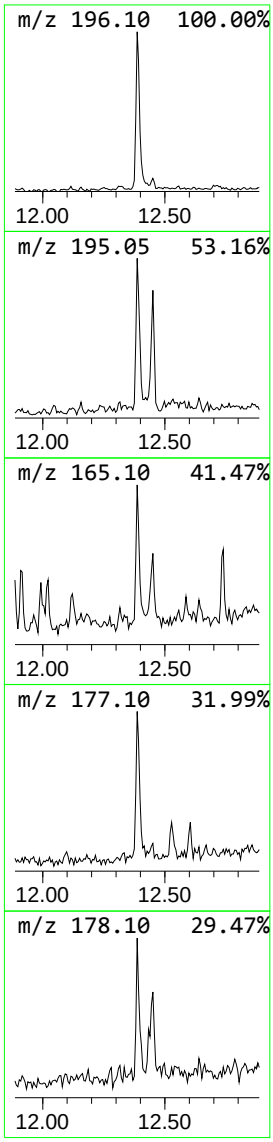
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenol, 3-(2-phenylethenyl)... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	4.21 ng	126805	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	93
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	90
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	81
4	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	74
5	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	53





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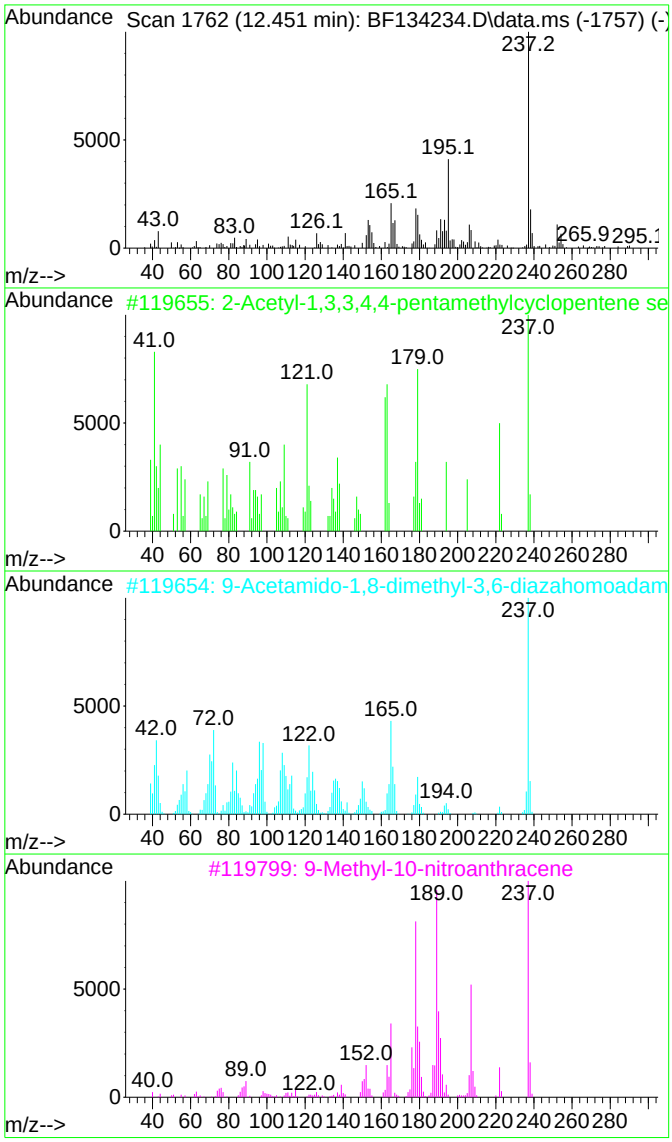
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

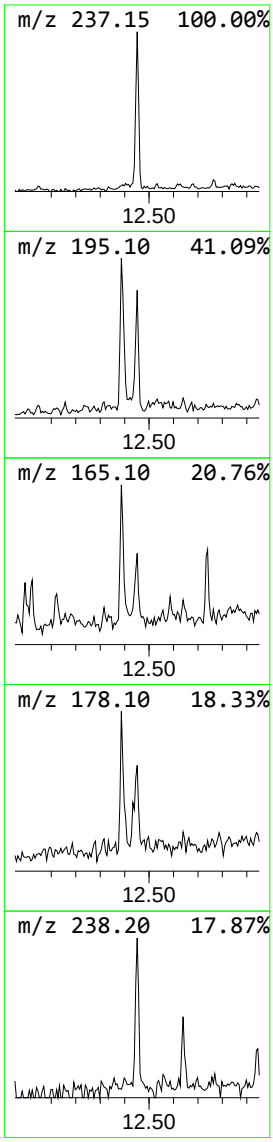
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-Acetyl-1,3,3,4,4-pentamet... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	4.86 ng	146448	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetyl-1,3,3,4,4-pentamethylcy...	237	C13H23N3O	016983-65-6	50
2	9-Acetamido-1,8-dimethyl-3,6-dia...	237	C13H23N3O	147084-72-8	49
3	9-Methyl-10-nitroanthracene	237	C15H11NO2	084457-22-7	47
4	p,p-Bis(1-aziridinyl)-N-(p-tolyl...	237	C11H16N3OP	027824-40-4	47
5	2-(Carboxymethylene)-4,4-dimethy...	270	C13H18O6	180691-11-6	46





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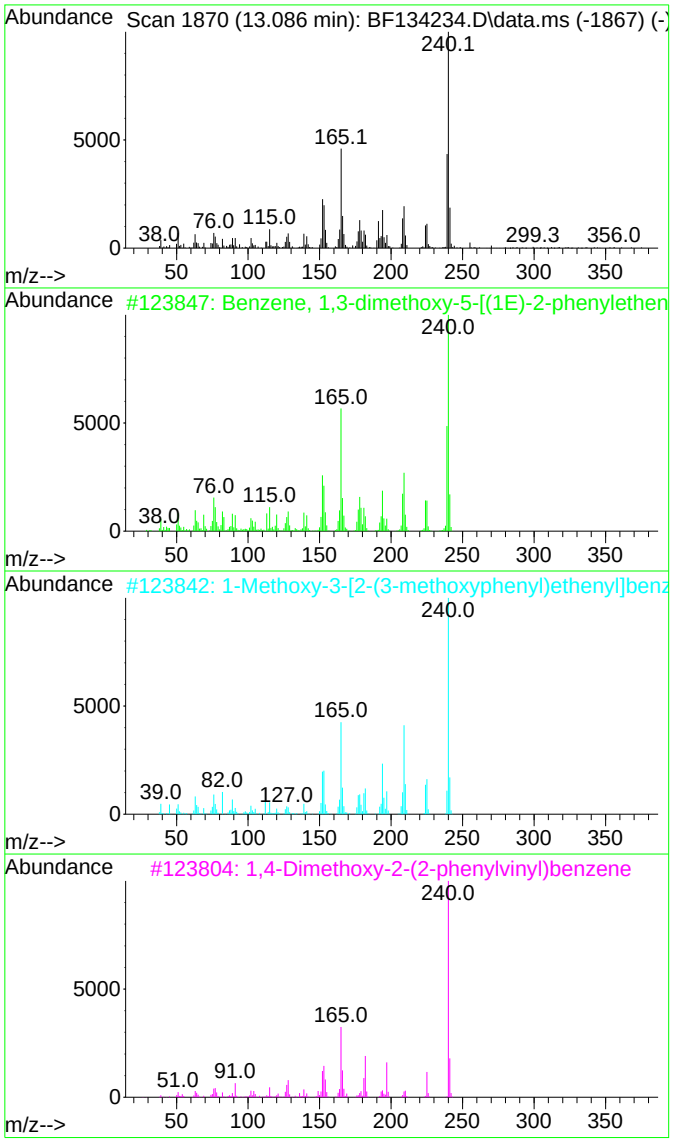
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

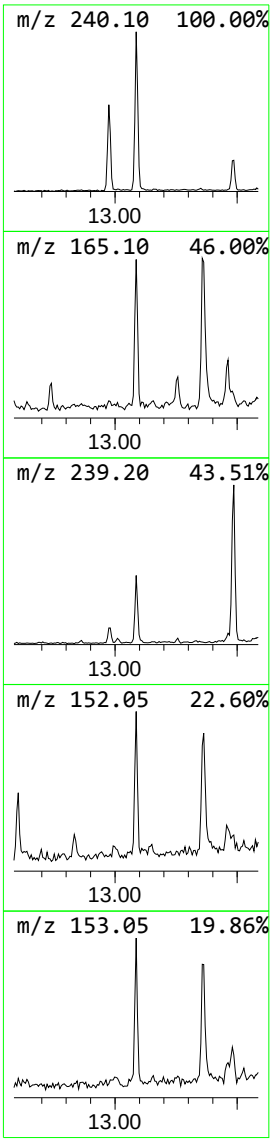
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,3-dimethoxy-5-[(... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	7.48 ng	274226	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethoxy-5-[(1E)-2...	240	C16H16O2	021956-56-9	99
2	1-Methoxy-3-[2-(3-methoxyphenyl)...	240	C16H16O2	006325-63-9	81
3	1,4-Dimethoxy-2-(2-phenylvinyl)b...	240	C16H16O2	021889-09-8	64
4	Benzene, 1,1'-(1,2-ethenediyl)bi...	240	C16H16O2	004705-34-4	55
5	[1,1'-Biphenyl]-4,4'-diamine, 3,...	240	C16H20N2	054827-17-7	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

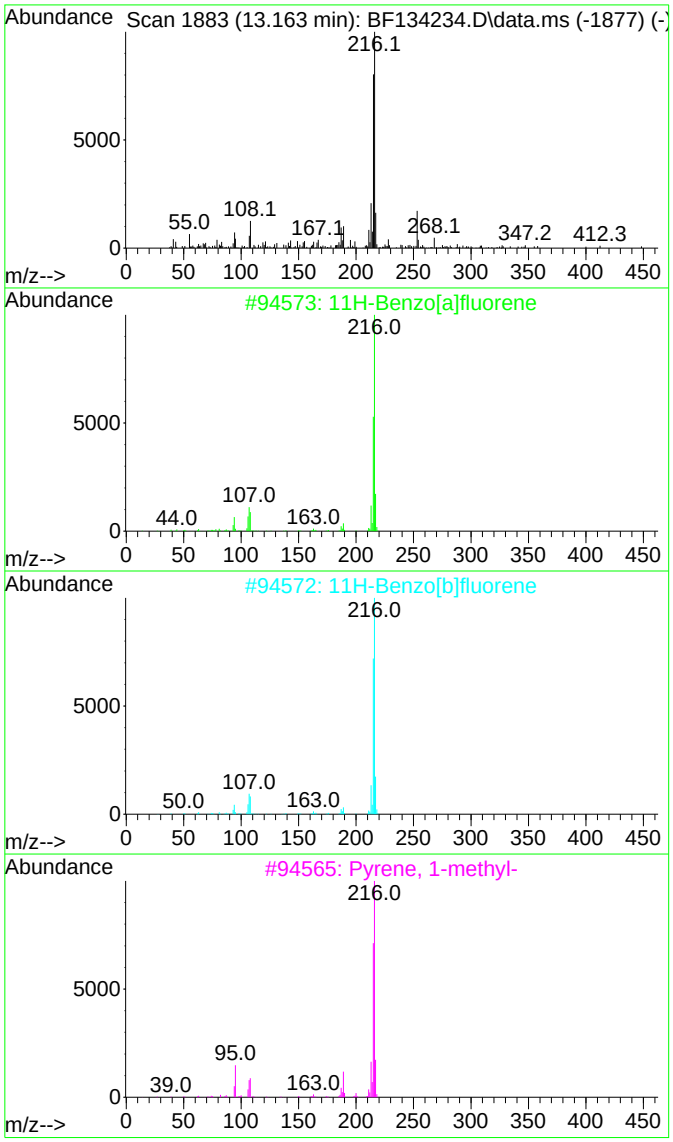
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

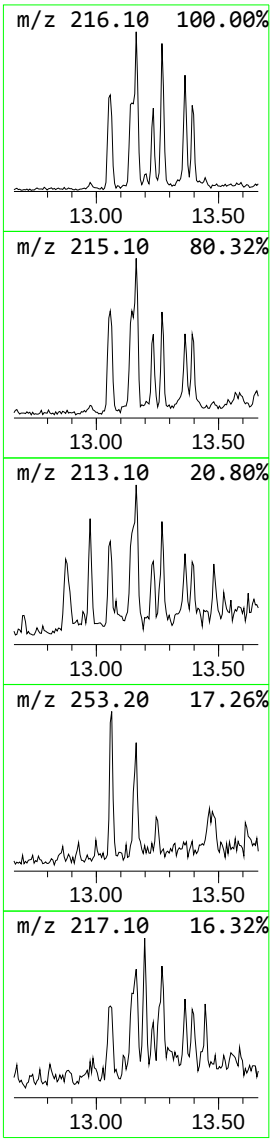
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	5.10 ng	186852	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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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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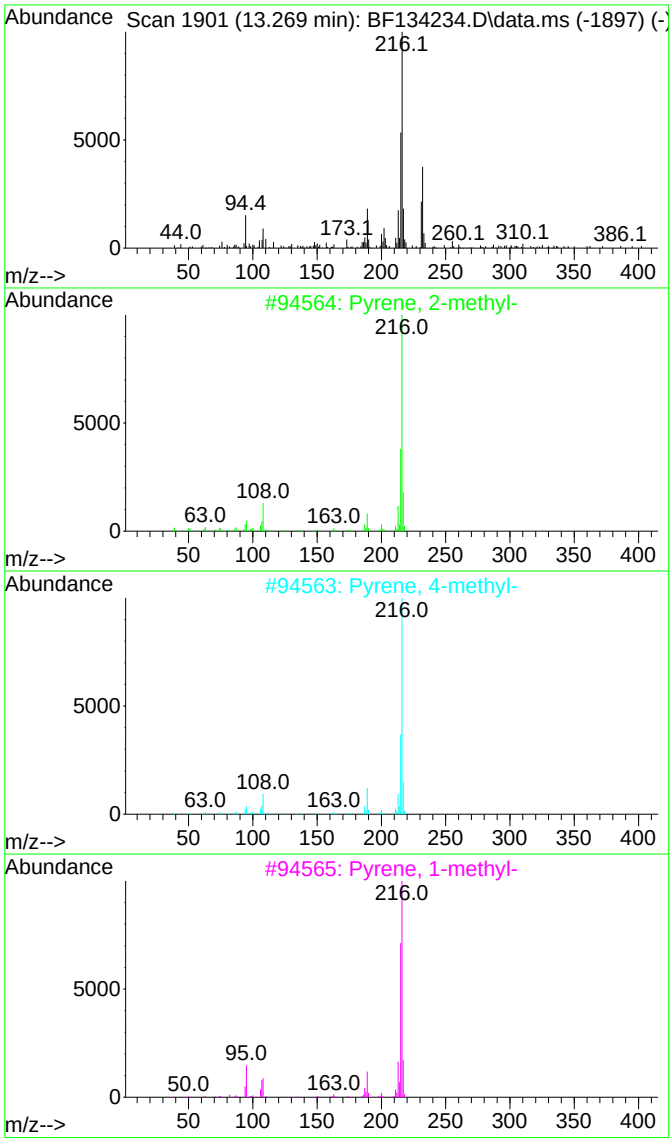
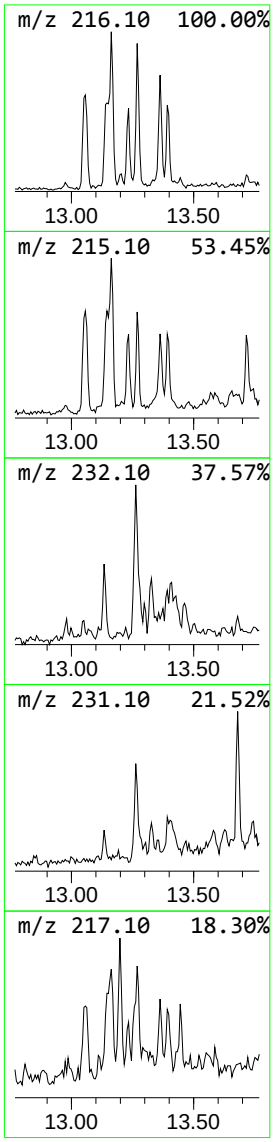
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	3.37 ng	123515	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	83
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	50





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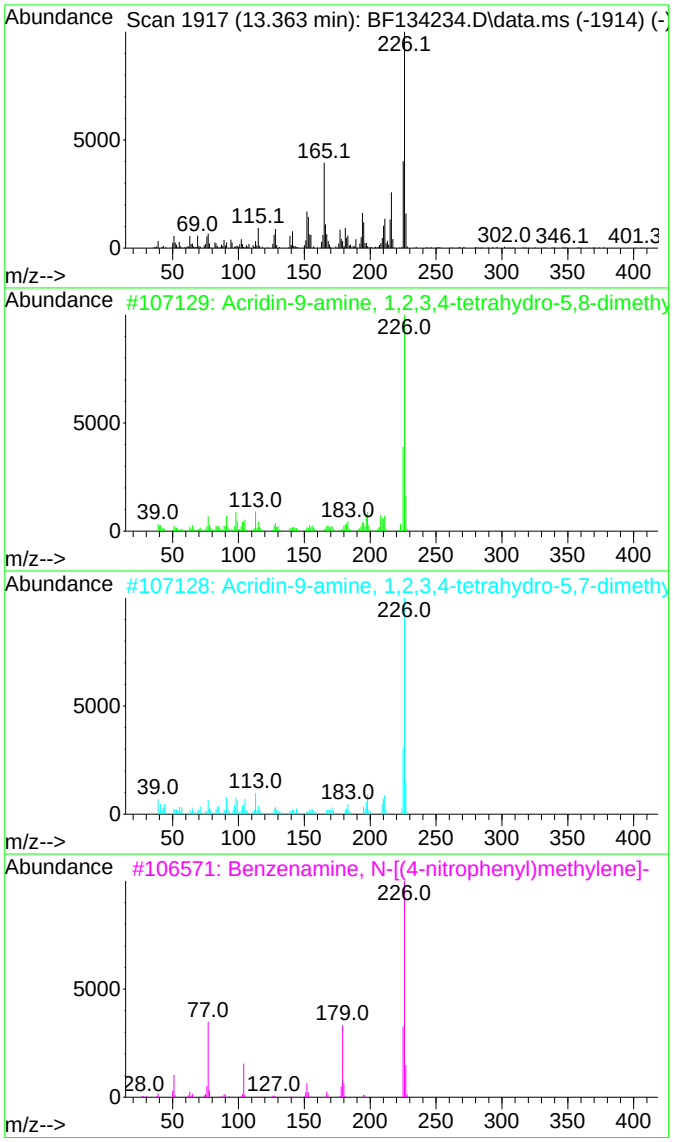
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

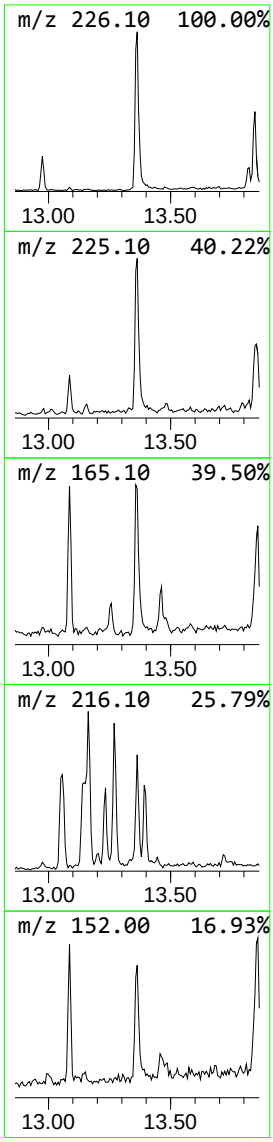
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.363	10.23 ng	375045	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	64
2	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	1000300-57-6	64
3	Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	46
4	9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	43
5	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	43





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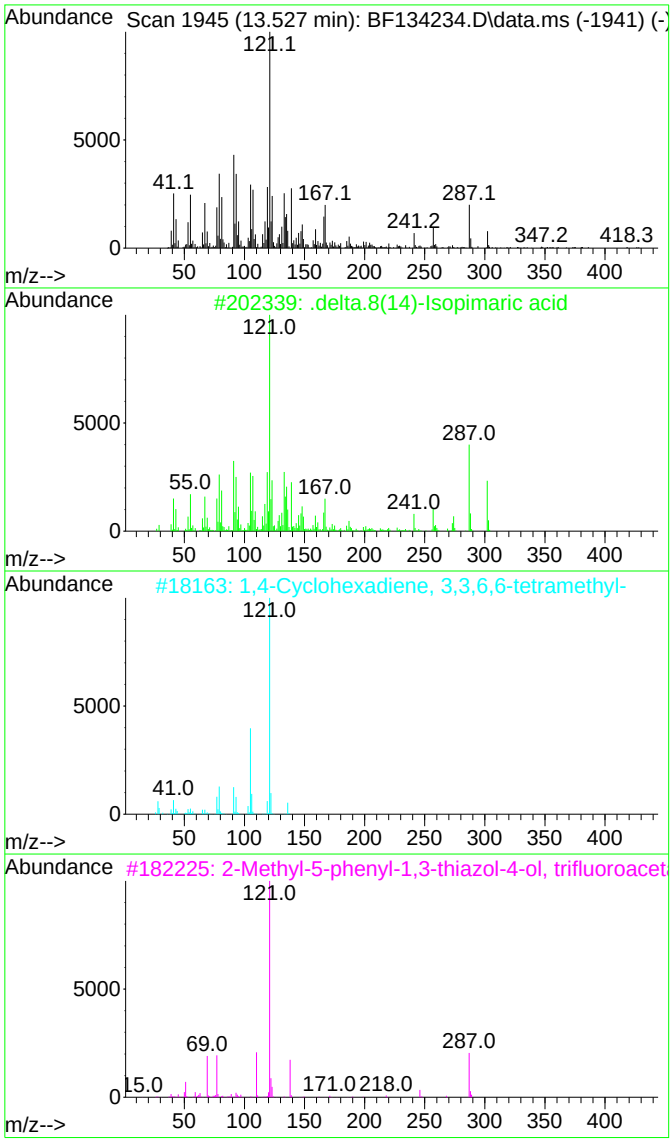
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

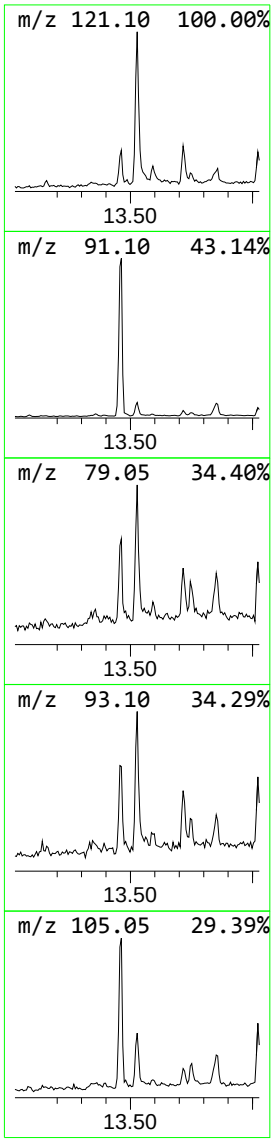
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 .delta.8(14)-Isopimaric acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.527	17.23 ng	631505	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.delta.8(14)-Isopimaric acid	302	C20H30O2	000471-74-9	94
2	1,4-Cyclohexadiene, 3,3,6,6-tetr...	136	C10H16	002223-54-3	38
3	2-Methyl-5-phenyl-1,3-thiazol-4-...	287	C12H8F3NO2S	1000471-95-1	38
4	Benzene, 1,4-bis(methoxymethyl)-	166	C10H14O2	006770-38-3	27
5	(S)-2-Methyl-1-(m-tolyl)propyl a...	206	C13H18O2	1396747-25-3	27





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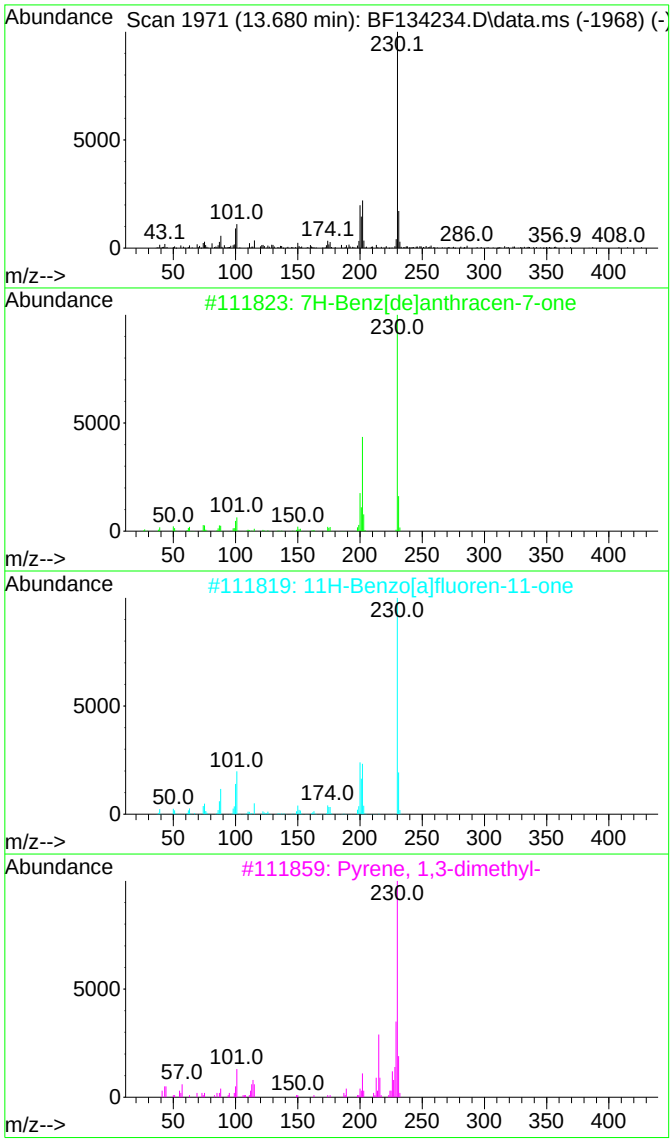
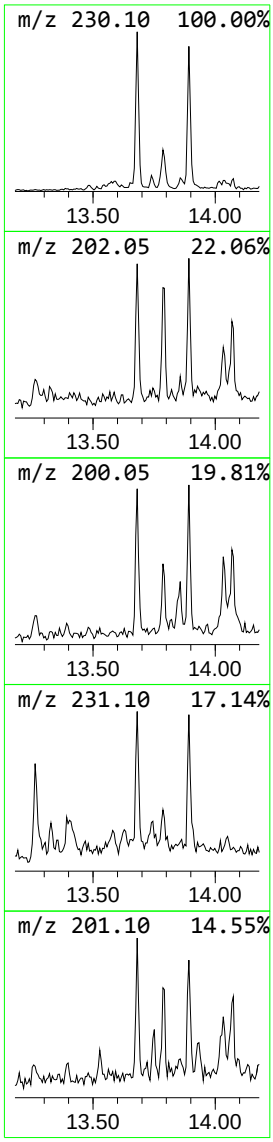
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.680	3.60 ng	131996	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	90
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
3	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59
4	o-Terphenyl	230	C18H14	000084-15-1	50
5	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	50





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TIC Library : C:\Database\NIST20.L
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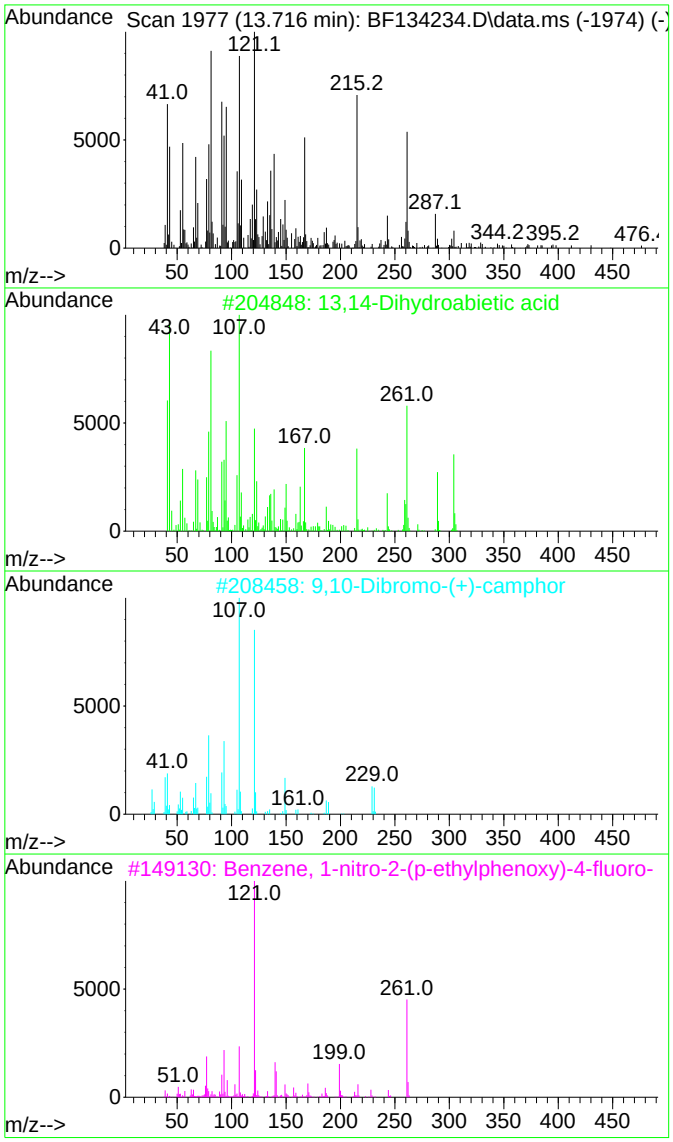
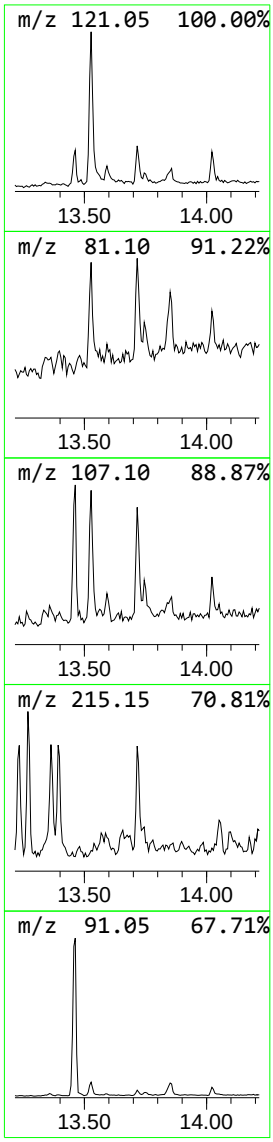
Peak Number 18 unknown13.716 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	5.83 ng	213747	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13,14-Dihydroabietic acid	304	C20H32O2	059086-78-1	27
2	9,10-Dibromo-(+)-camphor	308	C10H14Br2O	085706-53-2	22
3	Benzene, 1-nitro-2-(p-ethylpheno...	261	C14H12FNO3	334002-80-1	18
4	Silane, chlorotriethyl-	150	C6H15ClSi	000994-30-9	15
5	2,6,6-Trimethylcyclohexa-1,4-die...	150	C10H14O	162376-82-1	15





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Data File : BF134234.D
Acq On : 12 Jul 2023 02:49
Operator : CG\JU
Sample : 03375-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

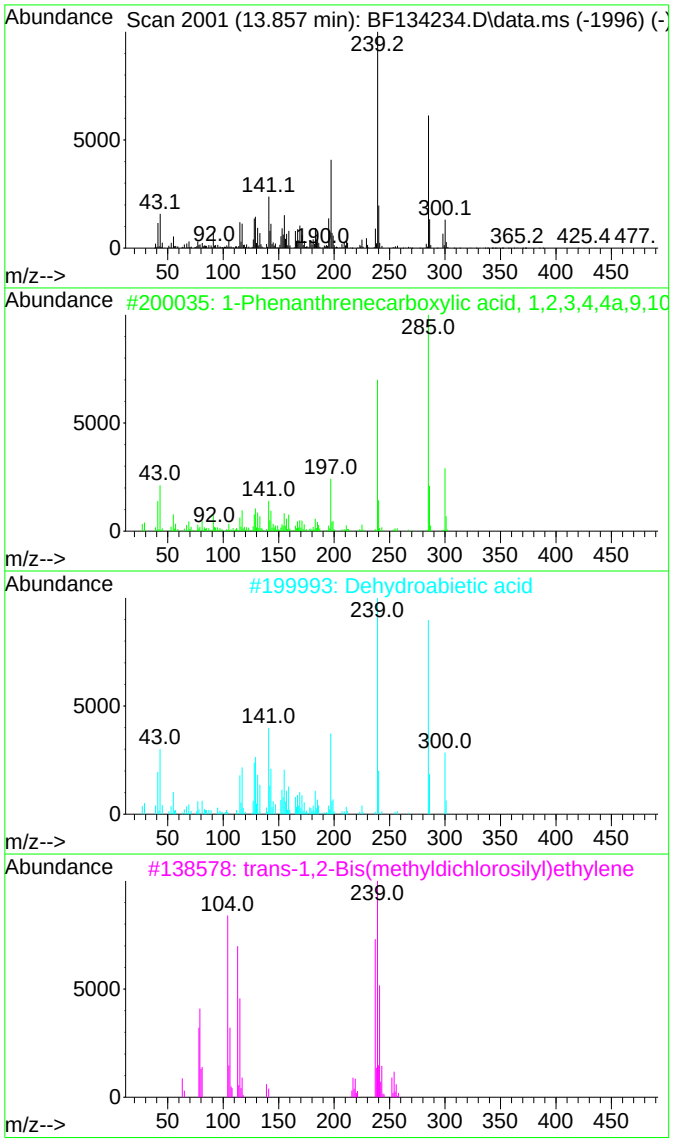
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

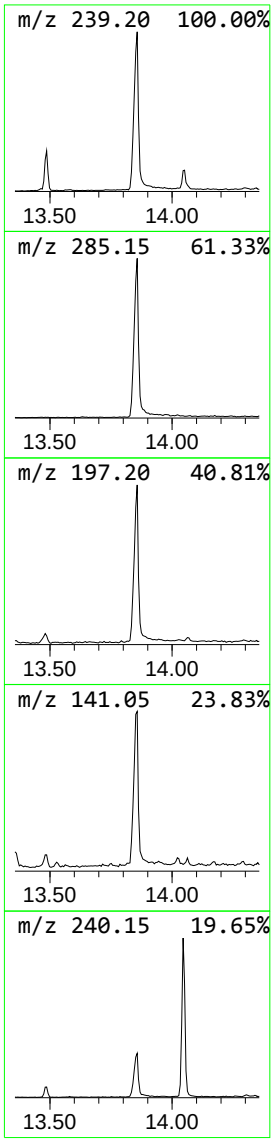
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1-Phenanthrenecarboxylic ac... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	56.71 ng	2078300	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	95
2	Dehydroabietic acid	300	C20H28O2	001740-19-8	95
3	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	89
4	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	68
5	Kaura-9(11),16-dien-18-oic acid,...	300	C20H28O2	022338-67-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134234.D
Acq On : 12 Jul 2023 02:49
Operator : CG\JU
Sample : 03375-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

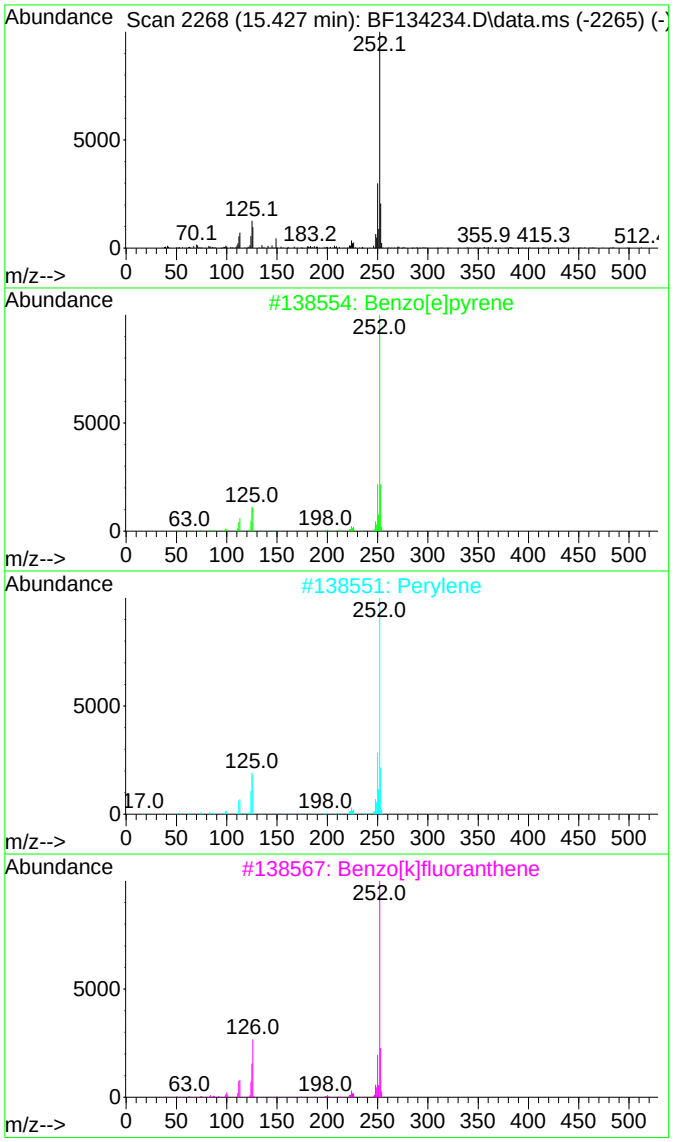
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

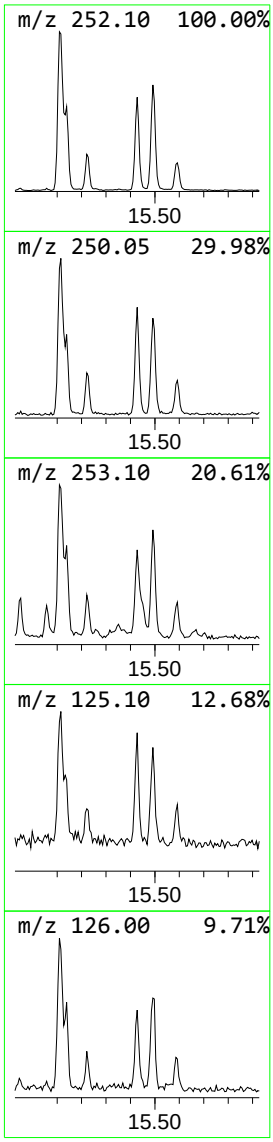
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	19.50 ng	243033	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134234.D
Acq On : 12 Jul 2023 02:49
Operator : CG\JU
Sample : 03375-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-5(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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
.alpha.-Pinene	6.128	75.0	ng	2154320	1	6.846	574646	20.0
unknown7.828	7.828	6.2	ng	191278	2	8.122	619800	20.0
Bicyclo[3.1.1]h...	8.251	3.8	ng	116827	2	8.122	619800	20.0
Benzenesulfonam...	10.733	3.7	ng	111967	4	11.381	602229	20.0
Anthracene, 1-m...	11.881	3.5	ng	104629	4	11.381	602229	20.0
n-Hexadecanoic ...	11.910	17.9	ng	538366	4	11.381	602229	20.0
4H-Cyclopenta[d...	11.998	3.5	ng	106624	4	11.381	602229	20.0
9,10-Anthracene...	12.210	3.8	ng	113389	4	11.381	602229	20.0
Phenol, 3-(2-ph...	12.386	4.2	ng	126805	4	11.381	602229	20.0
2-Acetyl-1,3,3,...	12.451	4.9	ng	146448	4	11.381	602229	20.0
Benzene, 1,3-di...	13.086	7.5	ng	274226	5	14.045	732972	20.0
11H-Benzo[a]flu...	13.163	5.1	ng	186852	5	14.045	732972	20.0
Pyrene, 2-methyl-	13.269	3.4	ng	123515	5	14.045	732972	20.0
Acridin-9-amine...	13.363	10.2	ng	375045	5	14.045	732972	20.0
.delta.8(14)-Is...	13.527	17.2	ng	631505	5	14.045	732972	20.0
7H-Benz[de]anth...	13.680	3.6	ng	131996	5	14.045	732972	20.0
unknown13.716	13.716	5.8	ng	213747	5	14.045	732972	20.0
1-Phenanthrenec...	13.857	56.7	ng	2078300	5	14.045	732972	20.0
Benzo[e]pyrene	15.427	19.5	ng	243033	6	15.557	249210	20.0