LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134708.D
Acq On : 10 Aug 2023 13:59
Operator : CG\JU
Sample : 03932-02 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134708.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.287	540	544	549	rBV	690897	621895	8.86%	1.095%
2	5.975	652	661	664	rBV	107524	129291	1.84%	0.228%
3	6.357	724	726	730	rVB	166445	144378	2.06%	0.254%
4	6.404	730	734	737	rBV2	201282	186791	2.66%	0.329%
5	6.487	744	748	753	rVB	252523	210719	3.00%	0.371%
6	6.628	769	772	776	rVB	573788	506423	7.21%	0.891%
7	6.798	798	801	805	rBV	1137205	992471	14.14%	1.747%
8	6.857	808	811	813	rVV	280497	215825	3.07%	0.380%
9	6.981	829	832	835	rVB	2664520	2128459	30.32%	3.746%
10	7.045	841	843	846	rBV2	186870	167901	2.39%	0.296%
11	7.116	851	855	858	rBV	443848	449359	6.40%	0.791%
12	7.187	863	867	871	rBV2	110038	121296	1.73%	0.214%
13	7.287	882	884	887	rVV	200681	145618	2.07%	0.256%
14	7.334	887	892	894	rVV	446129	409703	5.84%	0.721%
15	7.363	894	897	902	rVB	301485	288805	4.11%	0.508%
16	7.592	933	936	940	rVB	269702	258593	3.68%	0.455%
17	7.751	961	963	968	rVB2	593399	501543	7.14%	0.883%
18	7.822	968	975	979	rBV3	533648	945077	13.46%	1.663%
19	7.863	979	982	987	rVV2	576239	842796	12.00%	1.483%
20	8.081	1013	1019	1020	rBV	1274039	1372937	19.56%	2.417%
21	8.110	1020	1024	1027	rVV	6448668	7020848	100.00%	12.358%
22	8.145	1027	1030	1033	rVV2	346980	430386	6.13%	0.758%
23	8.234	1042	1045	1050	rBV5	78841	122389	1.74%	0.215%
24	8.357	1061	1066	1067	rBV3	158610	152550	2.17%	0.269%
25	8.428	1076	1078	1082	rBV3	165447	208107	2.96%	0.366%
26	8.463	1082	1084	1087	rVB3	137281	116064	1.65%	0.204%
27	8.504	1088	1091	1092	rBV	236038	172902	2.46%	0.304%
28	8.545	1095	1098	1100	rVB	163095	153821	2.19%	0.271%
29	8.586	1102	1105	1108	rVB2	217396	210248	2.99%	0.370%
30	8.798	1137	1141	1144	rVB	3954323	3680097	52.42%	6.478%
31	8.892	1152	1157	1160	rBV	3036836	2617485	37.28%	4.607%
32	8.986	1170	1173	1178	rVB4	116140	192024	2.74%	0.338%
33	9.039	1178	1182	1186	rBV3	93602	144237	2.05%	0.254%
34	9.104	1190	1193	1197	rVB	283193	230142	3.28%	0.405%
35	9.257	1212	1219	1222	rBV	557464	560106	7.98%	0.986%
36	9.351	1232	1235	1241	rVB	1245539	1182622	16.84%	2.082%

LSC Area Percent Report

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Operator : CG\JU
Sample : 03932-02 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

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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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.422	1242	1247	1250	rBV	750490	1006244	14.33%	1.771%
38	9.492	1255	1259	1262	rVV	1303016	1317186	18.76%	2.318%
39	9.522	1262	1264	1267	rVV	838822	692080	9.86%	1.218%
40	9.563	1267	1271	1273	rVV2	297029	343128	4.89%	0.604%
41	9.610	1276	1279	1284	rVB	605511	636798	9.07%	1.121%
42	9.692	1291	1293	1298	rVB	497392	396557	5.65%	0.698%
43	9.833	1311	1317	1320	rBV2	1581852	1592021	22.68%	2.802%
44	9.869	1320	1323	1326	rVB	2509527	2013761	28.68%	3.545%
45	9.939	1332	1335	1340	rVB	360752	436305	6.21%	0.768%
46	10.033	1348	1351	1355	rVB	368572	369286	5.26%	0.650%
47	10.080	1356	1359	1360	rBV	212011	173549	2.47%	0.305%
48	10.151	1368	1371	1374	rVB2	198002	175655	2.50%	0.309%
49	10.180	1374	1376	1378	rBV	207134	141751	2.02%	0.250%
50	10.245	1383	1387	1388	rBV	164564	172080	2.45%	0.303%
51	10.292	1392	1395	1397	rBV	132158	134968	1.92%	0.238%
52	10.328	1397	1401	1404	rVV4	96497	146233	2.08%	0.257%
53	10.380	1407	1410	1416	rBV	873965	873655	12.44%	1.538%
54	10.433	1416	1419	1420	rVV	294051	250212	3.56%	0.440%
55	10.451	1420	1422	1423	rVV	297717	245839	3.50%	0.433%
56	10.469	1423	1425	1427	rVV	497136	429914	6.12%	0.757%
57	10.492	1427	1429	1431	rVV	521699	446617	6.36%	0.786%
58	10.516	1431	1433	1435	rVV	375083	303937	4.33%	0.535%
59	10.539	1435	1437	1441	rVB3	142310	149216	2.13%	0.263%
60	10.610	1446	1449	1455	rVB3	130429	221066	3.15%	0.389%
61	10.757	1470	1474	1480	rBV2	340774	418461	5.96%	0.737%
62	10.933	1500	1504	1506	rBV2	261324	338419	4.82%	0.596%
63	10.957	1506	1508	1515	rVV2	218372	284087	4.05%	0.500%
64	11.016	1515	1518	1521	rVB2	168442	169001	2.41%	0.297%
65	11.086	1527	1530	1532	rVV3	123658	125351	1.79%	0.221%
66	11.222	1549	1553	1560	rVB2	446198	540727	7.70%	0.952%
67	11.322	1567	1570	1572	rBV	1246933	1145871	16.32%	2.017%
68	11.351	1572	1575	1578	rVV	2524625	2116589	30.15%	3.726%
69	11.398	1580	1583	1586	rVV	766403	649740	9.25%	1.144%
70	11.657	1624	1627	1633	rVB2	143168	167518	2.39%	0.295%
71	11.739	1638	1641	1645	rVB	112743	130630	1.86%	0.230%
72	11.786	1645	1649	1653	rBV4	84559	138052	1.97%	0.243%
73	11.827	1653	1656	1658	rVV	630276	493414	7.03%	0.868%
74	11.857	1658	1661	1665	rVV	687612	593282	8.45%	1.044%
75	11.904	1666	1669	1671	rVV	281486	251621	3.58%	0.443%
76	11.939	1671	1675	1677	rVV	731657	791798	11.28%	1.394%

LSC Area Percent Report

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Operator : CG\JU
Sample : 03932-02 50X
Misc :
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Instrument :
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NEVINS-SB-01-Z20-22

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

77	11.963	1677	1679	1684	rVB	377722	341227	4.86%	0.601%
78	12.122	1704	1706	1710	rVV	206729	189217	2.70%	0.333%
79	12.304	1734	1737	1740	rBV2	106796	131688	1.88%	0.232%
80	12.380	1746	1750	1752	rBV	346960	353560	5.04%	0.622%
81	12.416	1752	1756	1758	rVV2	195755	235546	3.35%	0.415%
82	12.463	1761	1764	1768	rBV2	98520	137988	1.97%	0.243%
83	12.539	1773	1777	1783	rBV	841345	758615	10.81%	1.335%
84	12.633	1790	1793	1796	rVB	311032	250733	3.57%	0.441%
85	12.704	1801	1805	1811	rVB4	70625	123537	1.76%	0.217%
86	12.769	1812	1816	1819	rBV	1148539	1003056	14.29%	1.766%
87	12.916	1838	1841	1850	rVB2	99815	168629	2.40%	0.297%
88	12.986	1850	1853	1861	rVV2	131141	202425	2.88%	0.356%
89	13.074	1865	1868	1869	rVV	127003	133740	1.90%	0.235%
90	13.098	1869	1872	1875	rVB	275246	276840	3.94%	0.487%
91	13.163	1881	1883	1887	rVB	186457	163649	2.33%	0.288%
92	13.204	1887	1890	1893	rVB	186783	143719	2.05%	0.253%
93	13.269	1898	1901	1903	rBV	152455	153578	2.19%	0.270%
94	13.292	1903	1905	1908	rVV	124796	119726	1.71%	0.211%
95	13.327	1908	1911	1915	rVB	158745	156859	2.23%	0.276%
96	13.968	2015	2020	2023	rBV2	1047251	1347974	19.20%	2.373%
97	13.998	2023	2025	2033	rVB	359112	333468	4.75%	0.587%
98	15.015	2194	2198	2209	rVB	114328	251776	3.59%	0.443%
99	15.380	2256	2260	2265	rVB	169009	195603	2.79%	0.344%
100	15.445	2266	2271	2279	rBV	607664	783092	11.15%	1.378%

Sum of corrected areas: 56812772

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
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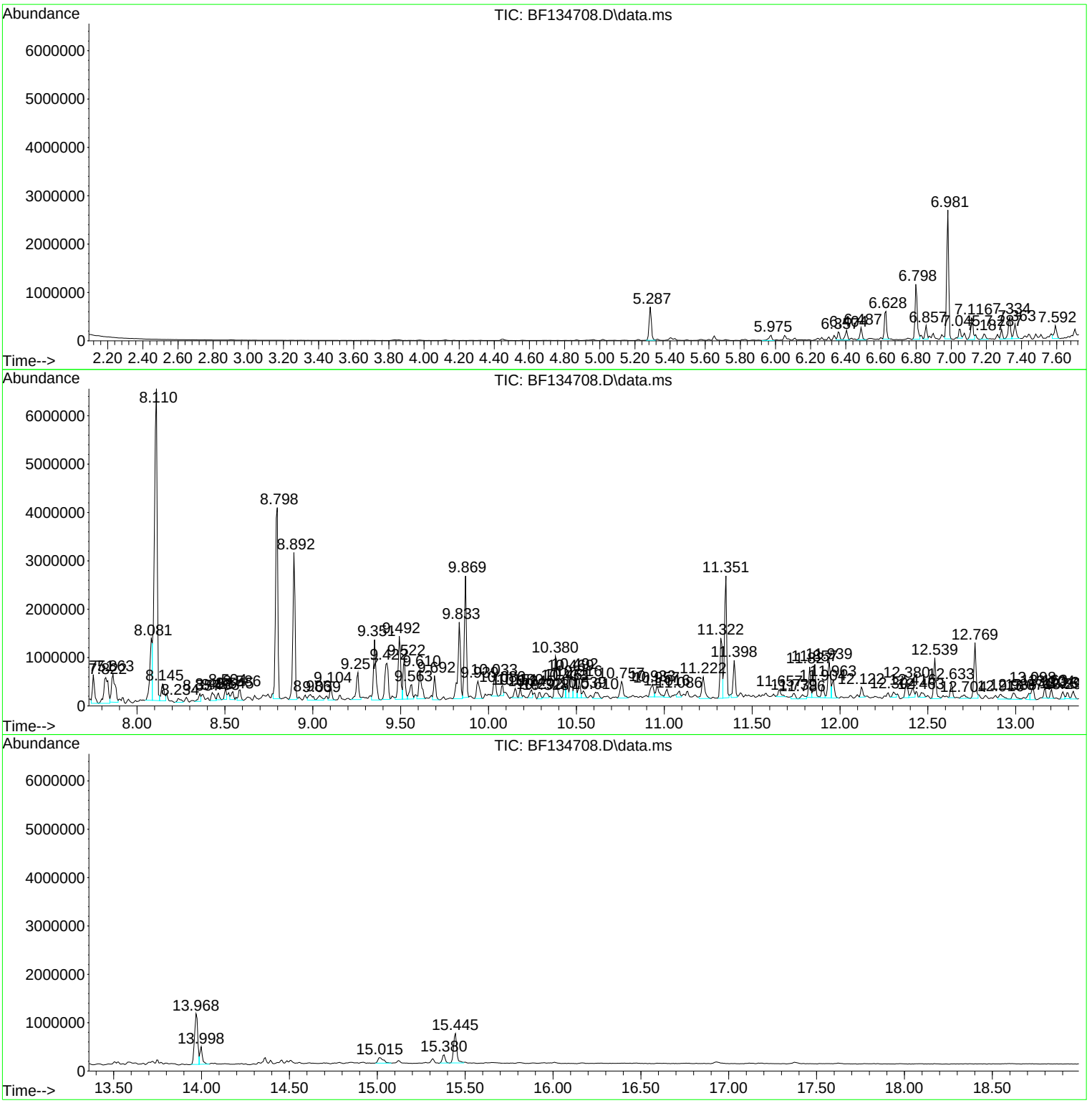
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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\BF081023\
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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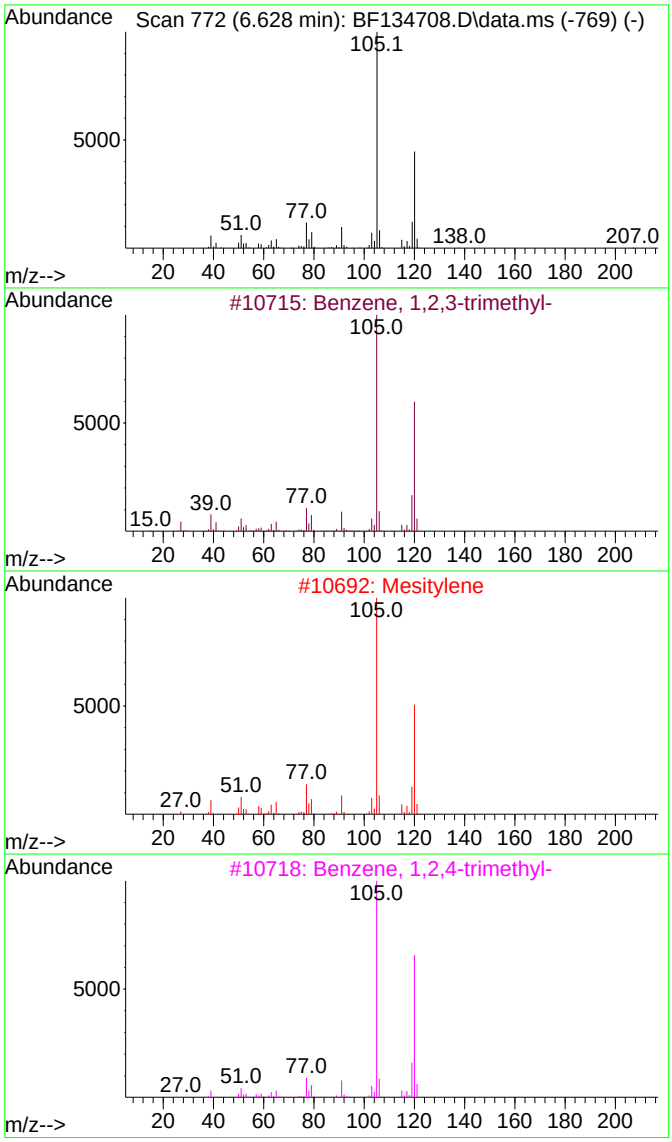
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

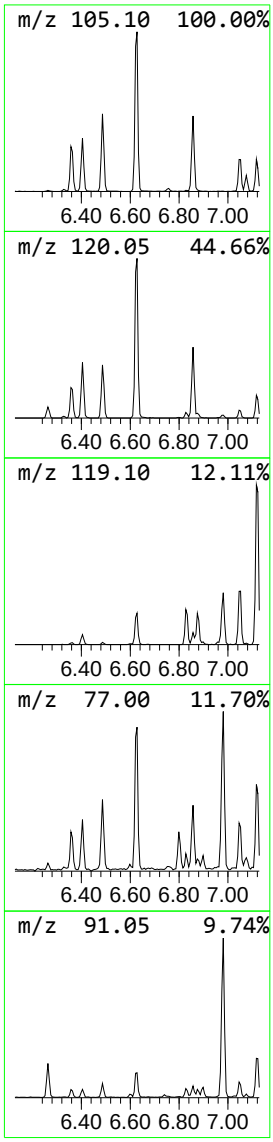
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.628	10.21 ng	506423	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134708.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

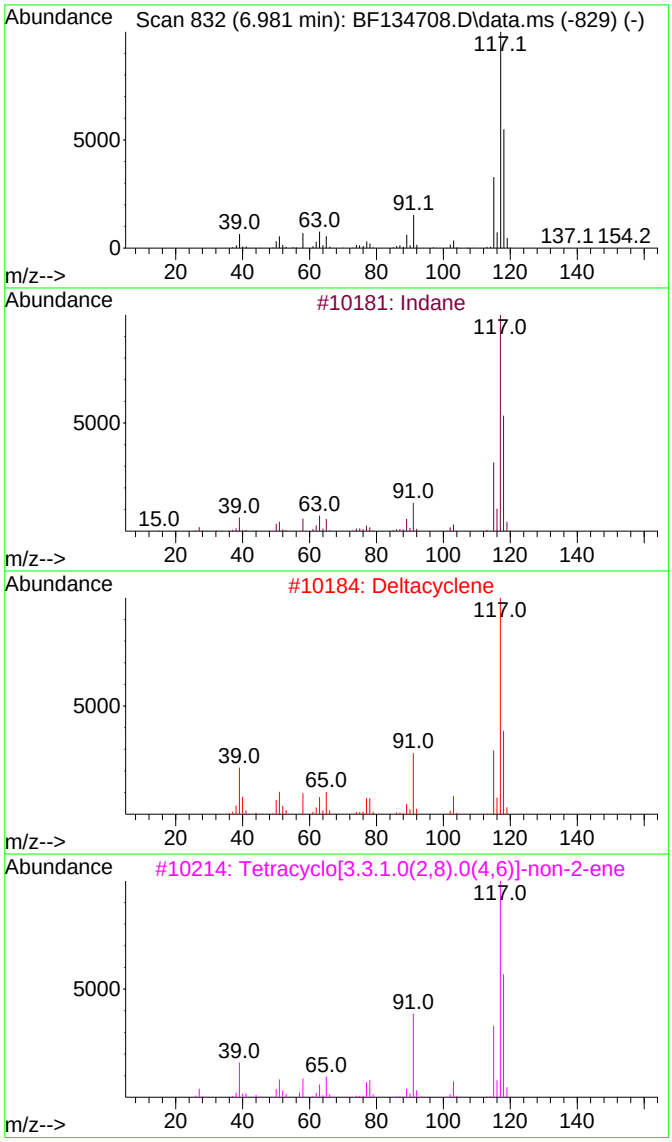
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

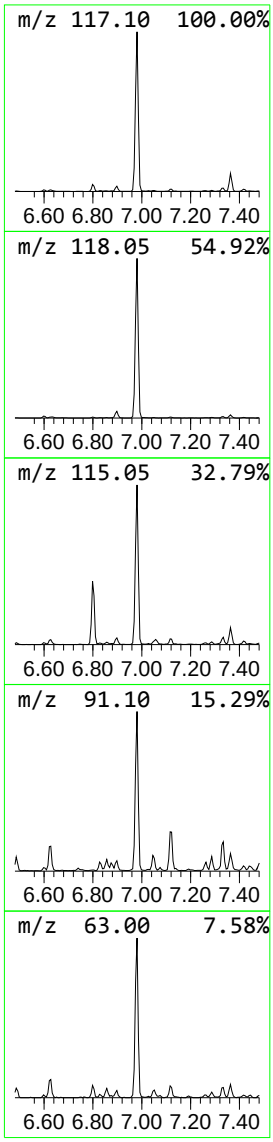
****

Peak Number 3 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.981	42.89 ng	2128460	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60





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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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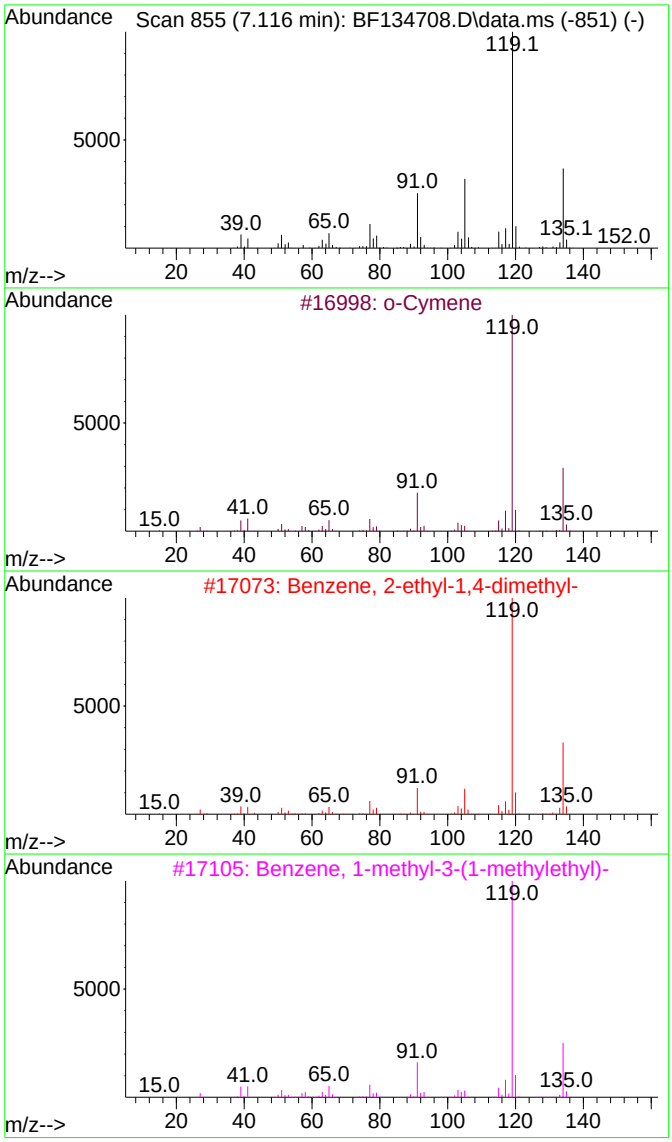
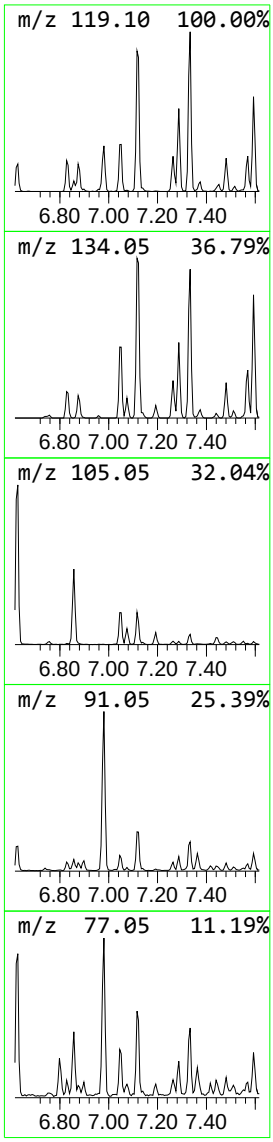
Peak Number 4 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.116	9.06 ng	449359	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
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Sample : 03932-02 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

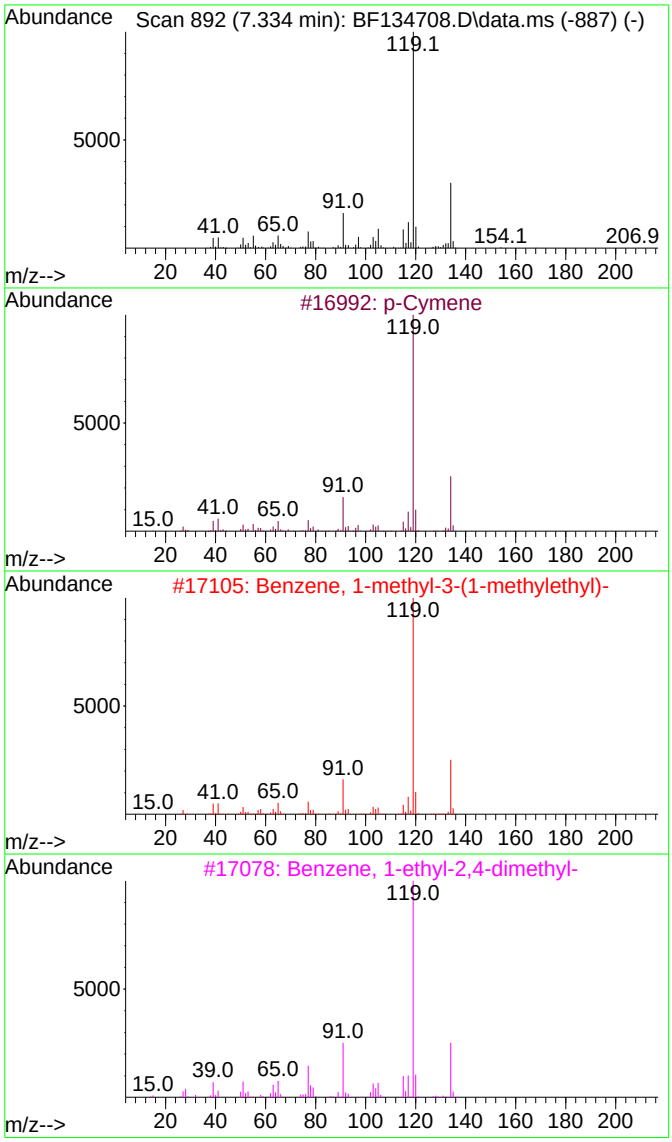
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

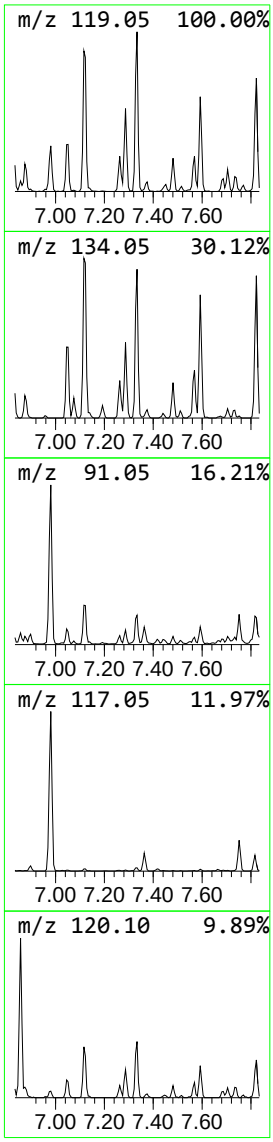
****

Peak Number 5 p-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.334	8.26 ng	409703	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93





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Data File : BF134708.D
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Sample : 03932-02 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

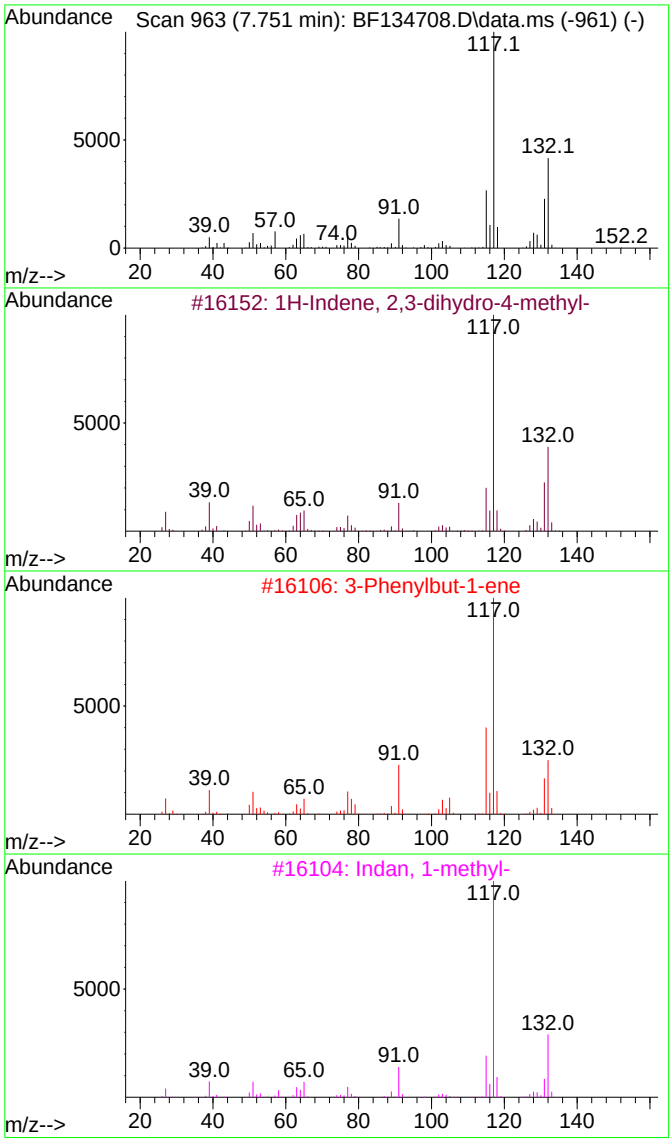
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

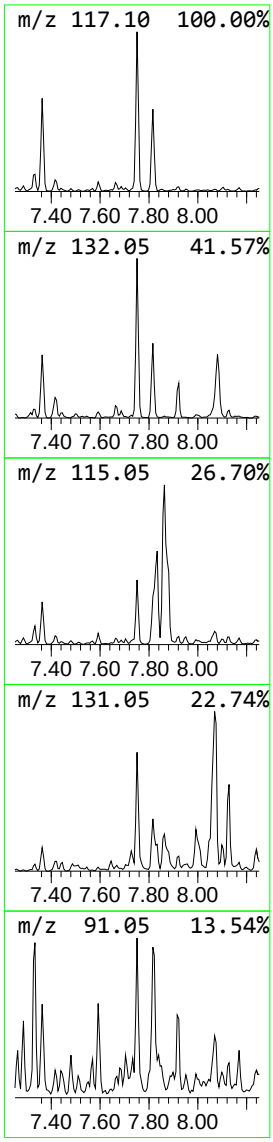
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.751	7.31 ng	501543	Naphthalene-d8	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





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Acq On : 10 Aug 2023 13:59
Operator : CG\JU
Sample : 03932-02 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z20-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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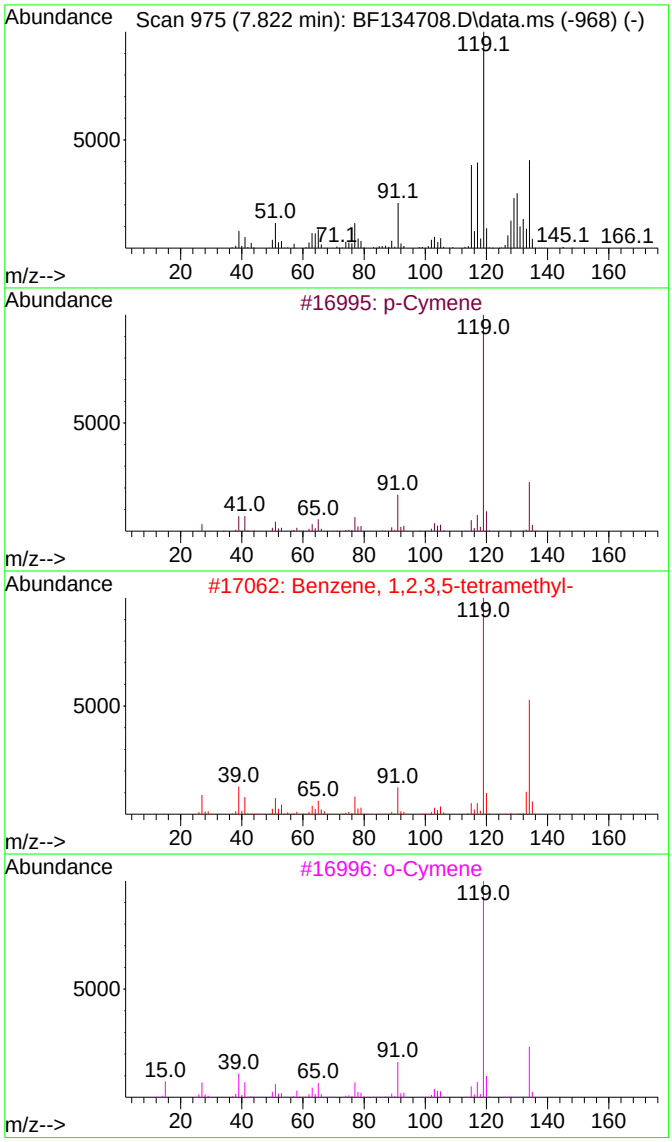
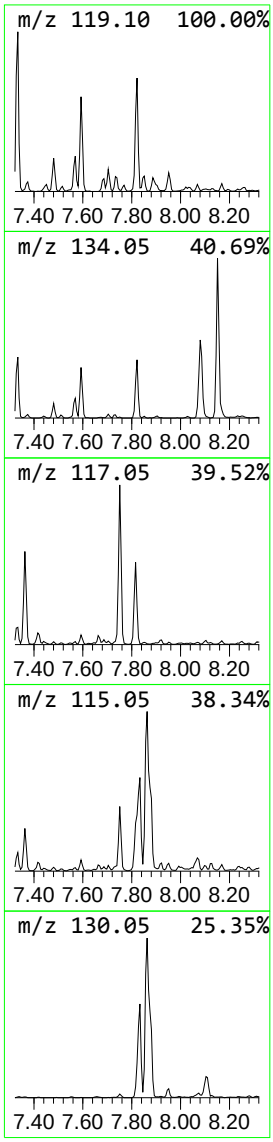
Peak Number 7 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.822	13.77 ng	945077	Naphthalene-d8	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	50
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	50
3	o-Cymene	134	C10H14	000527-84-4	50
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	50
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	45





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Instrument :
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ClientSampleId :
NEVINS-SB-01-Z20-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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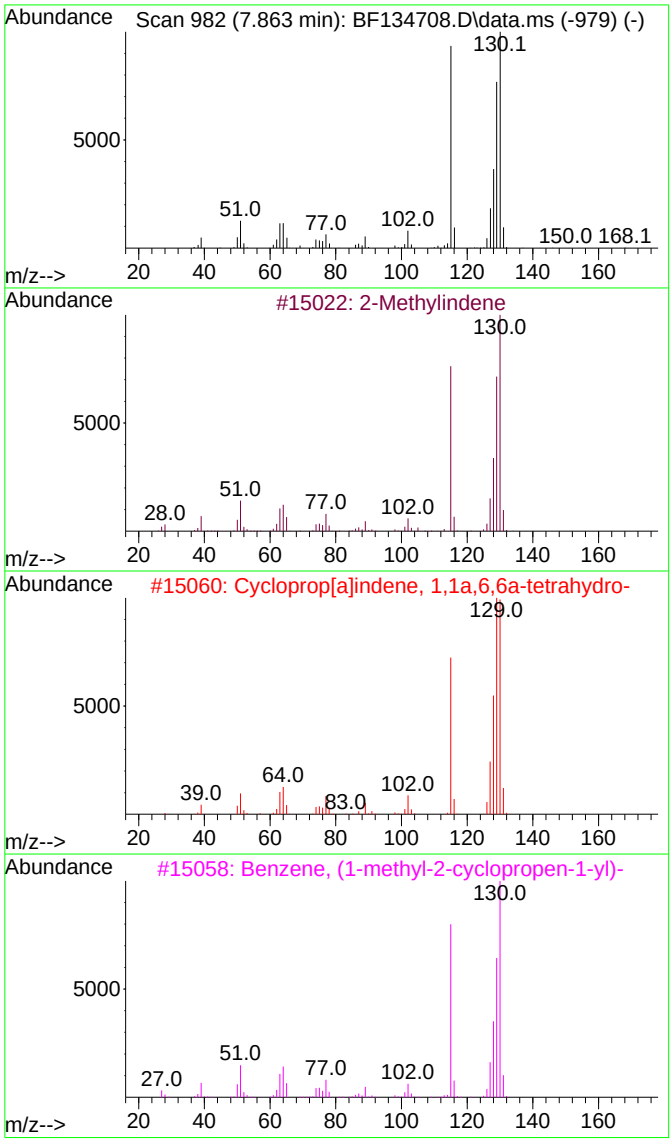
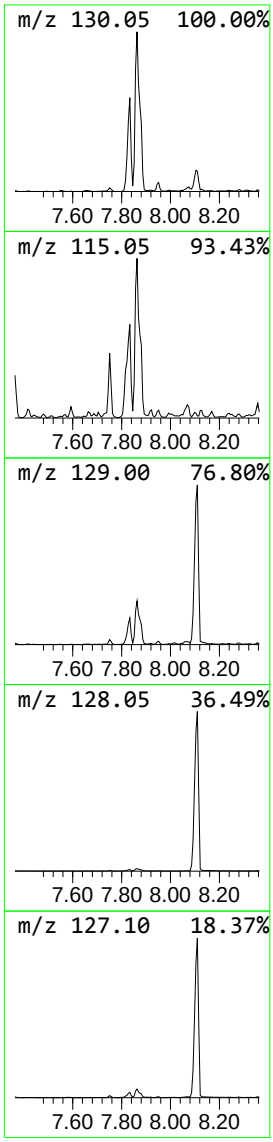
Peak Number 8 2-Methylindene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.863	12.28 ng	842796	Naphthalene-d8	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94





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Sample : 03932-02 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z20-22

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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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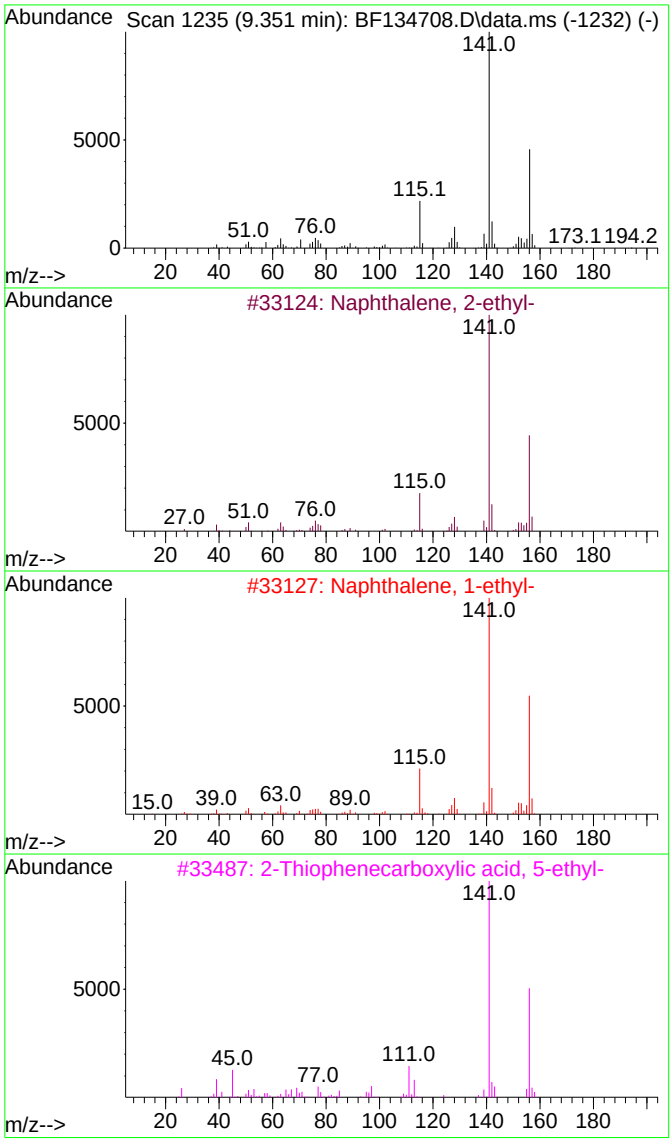
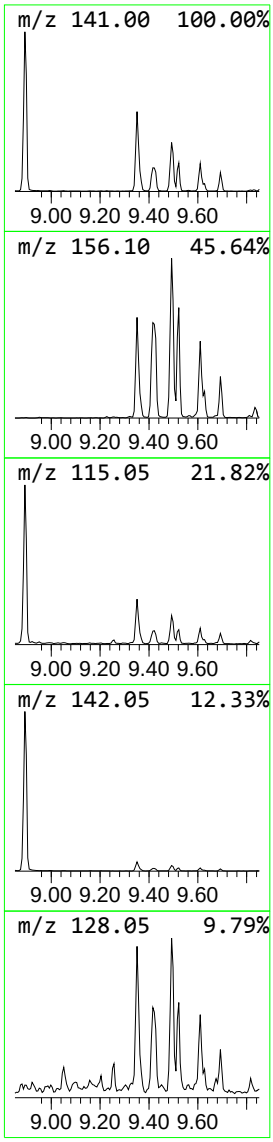
Peak Number 9 Naphthalene, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.351	14.86 ng	1182620	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	53
5	7-Methyl-trans-8-thiabicyclo[4.3...	156	C9H16S	060133-10-0	50





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Sample : 03932-02 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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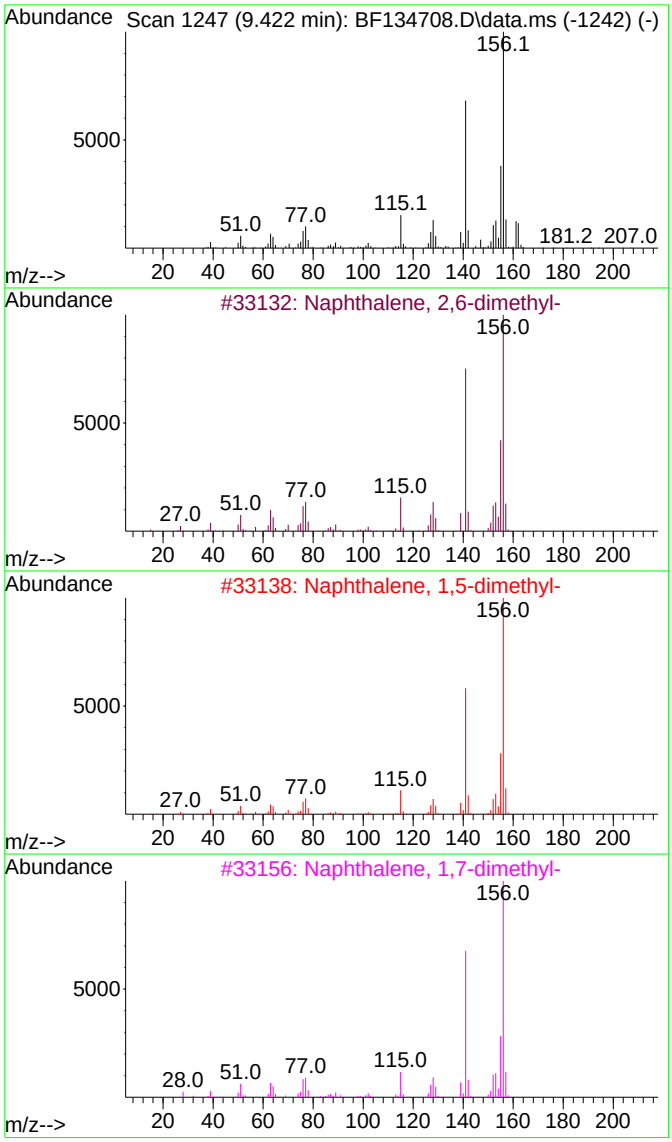
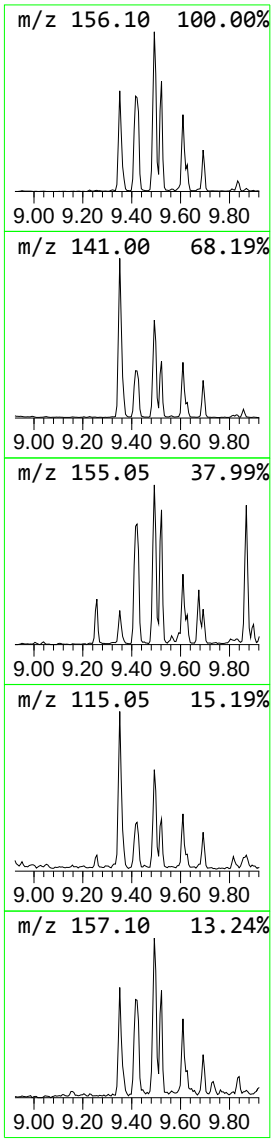
Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.422	12.64 ng	1006240	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Operator : CG\JU
Sample : 03932-02 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

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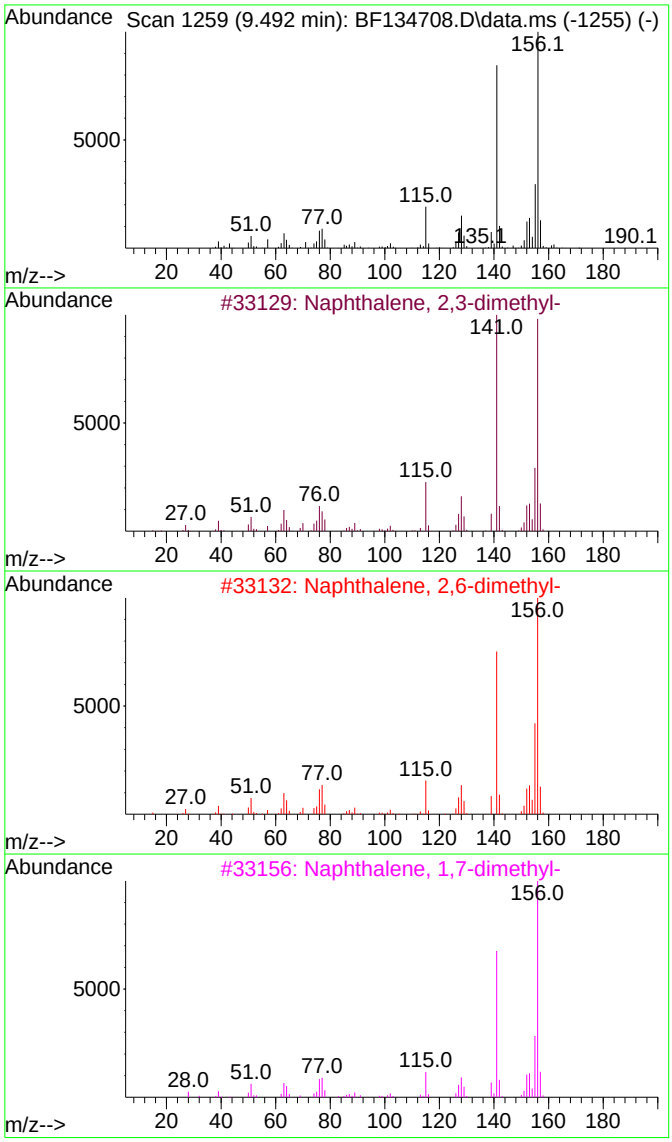
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

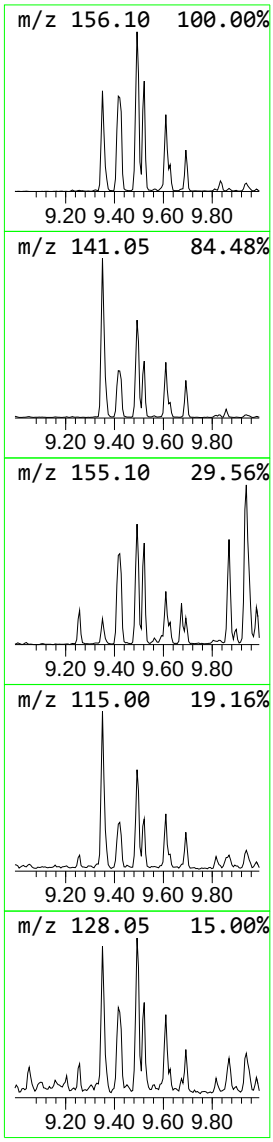
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	16.55 ng	1317190	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Sample : 03932-02 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z20-22

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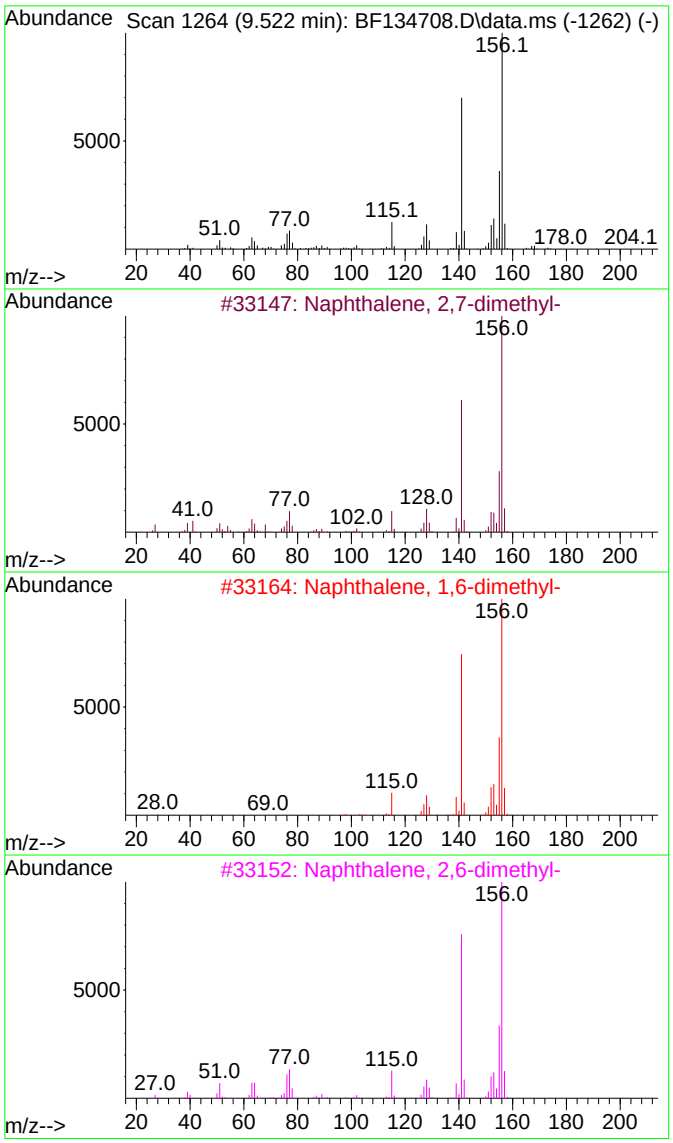
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

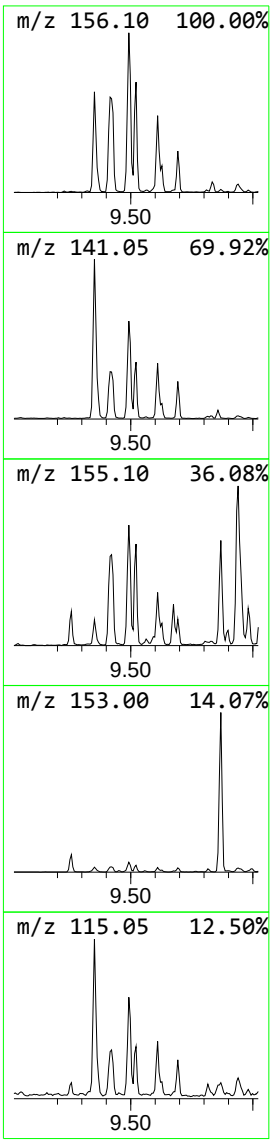
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	8.69 ng	692080	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Operator : CG\JU
Sample : 03932-02 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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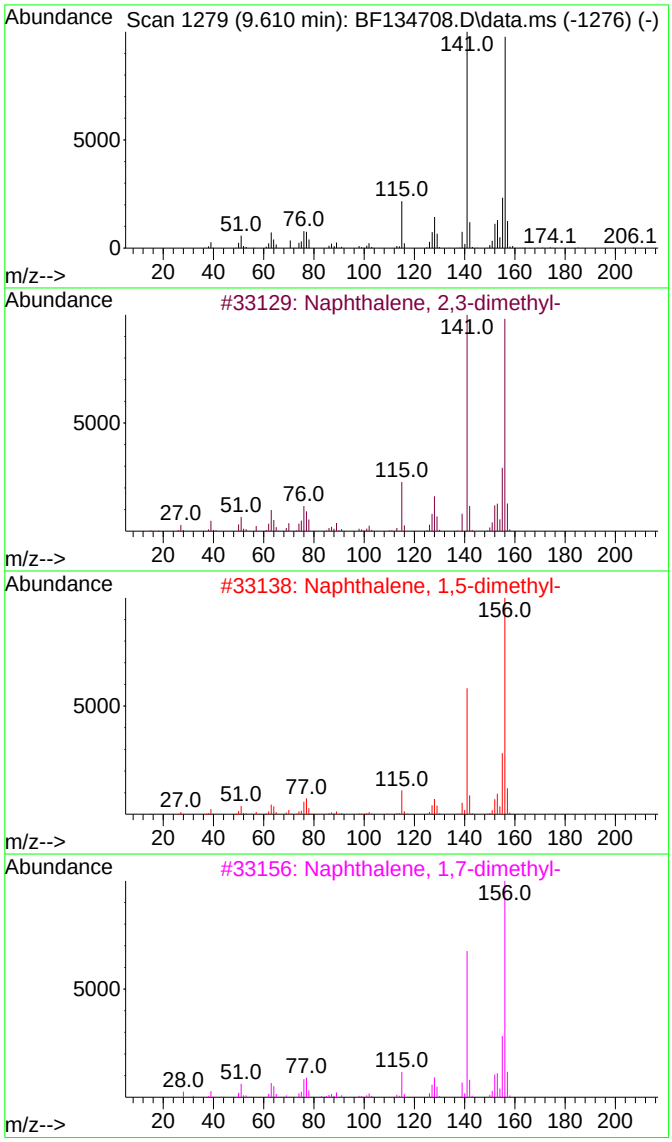
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

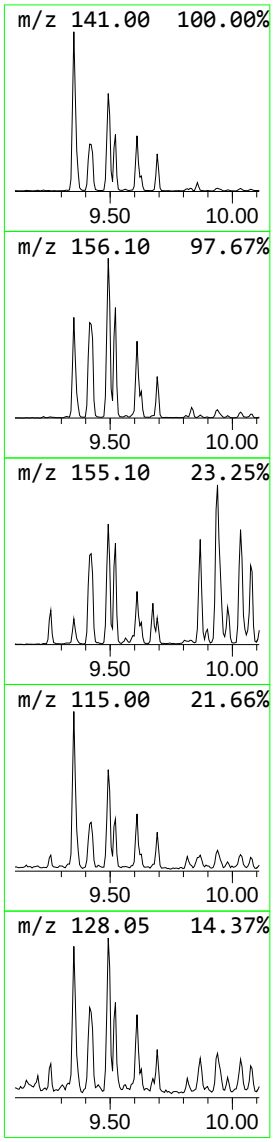
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	8.00 ng	636798	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Sample : 03932-02 50X
Misc :
ALS Vial : 8 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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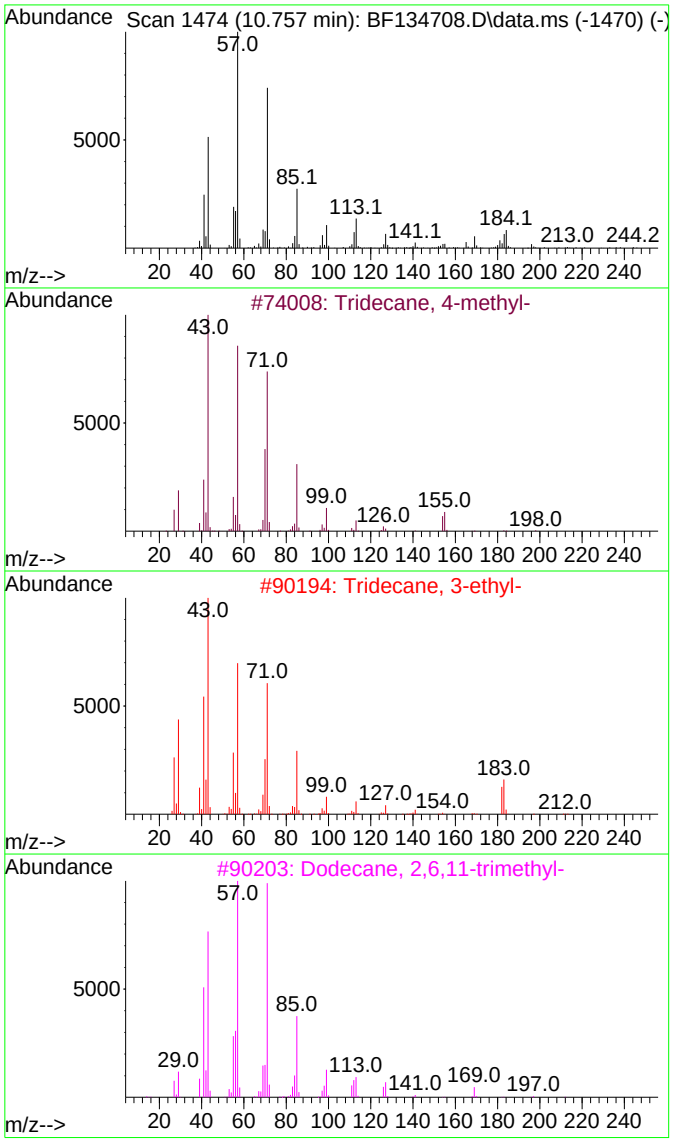
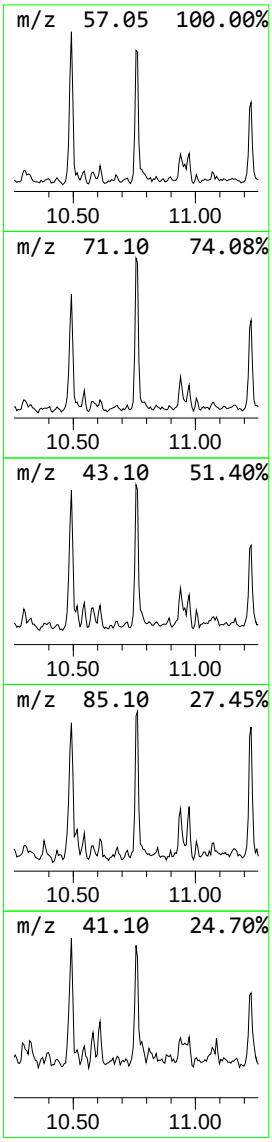
Peak Number 14 Tridecane, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.757	7.30 ng	418461	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
2	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	72
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	68
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64





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Misc :
ALS Vial : 8 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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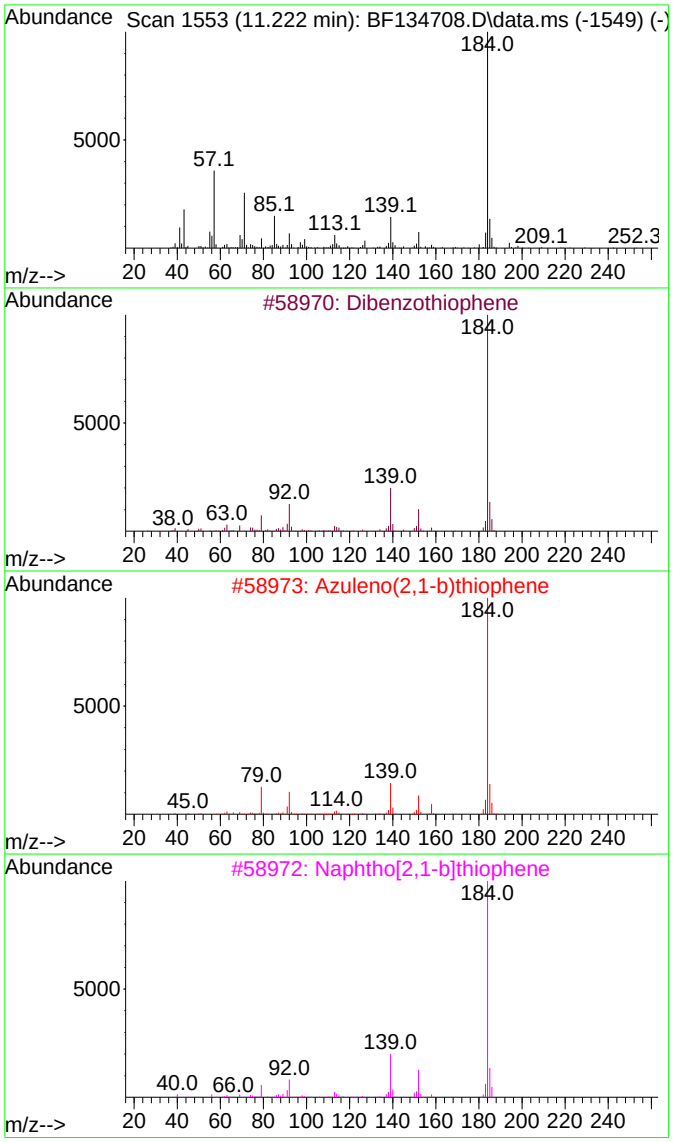
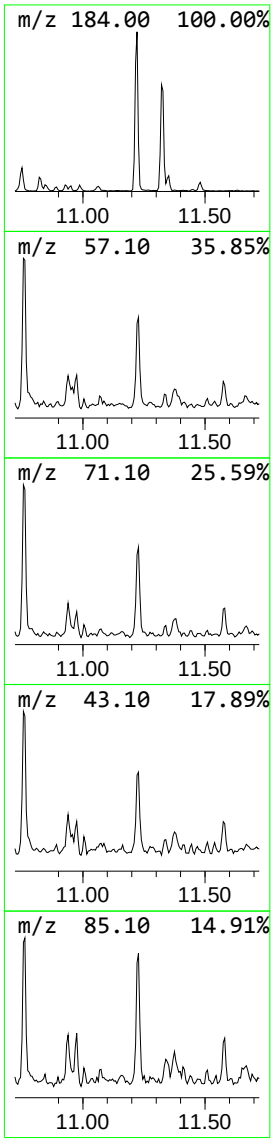
Peak Number 15 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	9.44 ng	540727	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	89
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	76
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	76
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	70
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	70





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ALS Vial : 8 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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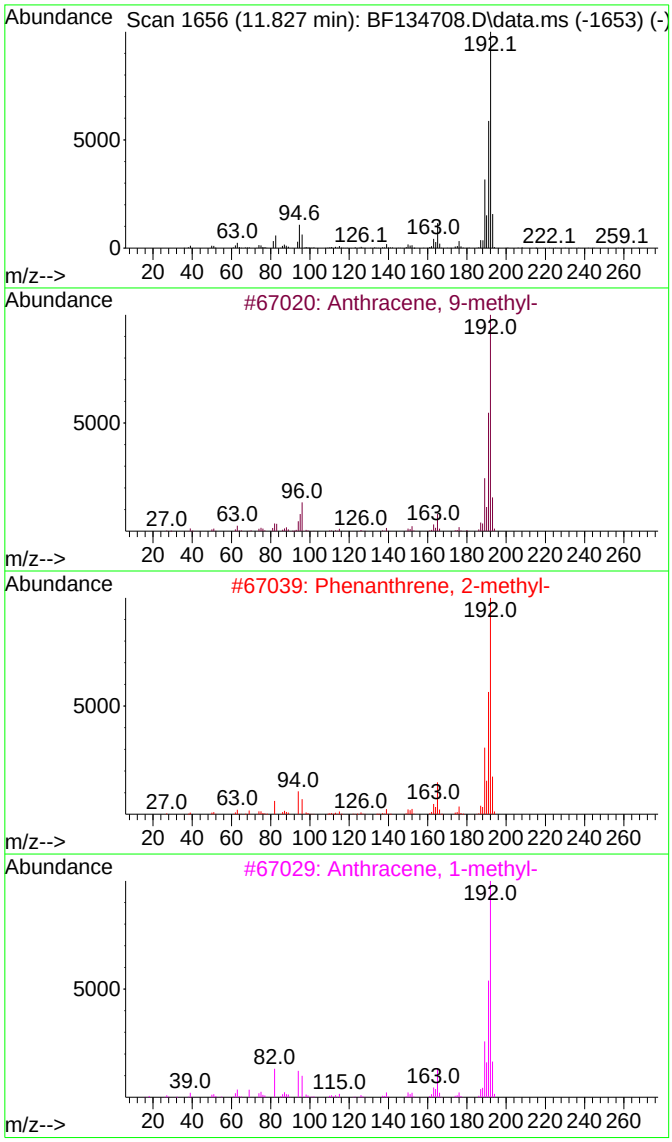
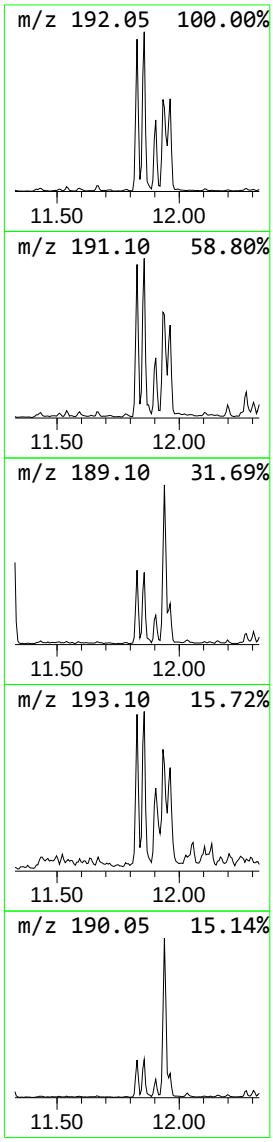
Peak Number 16 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	8.61 ng	493414	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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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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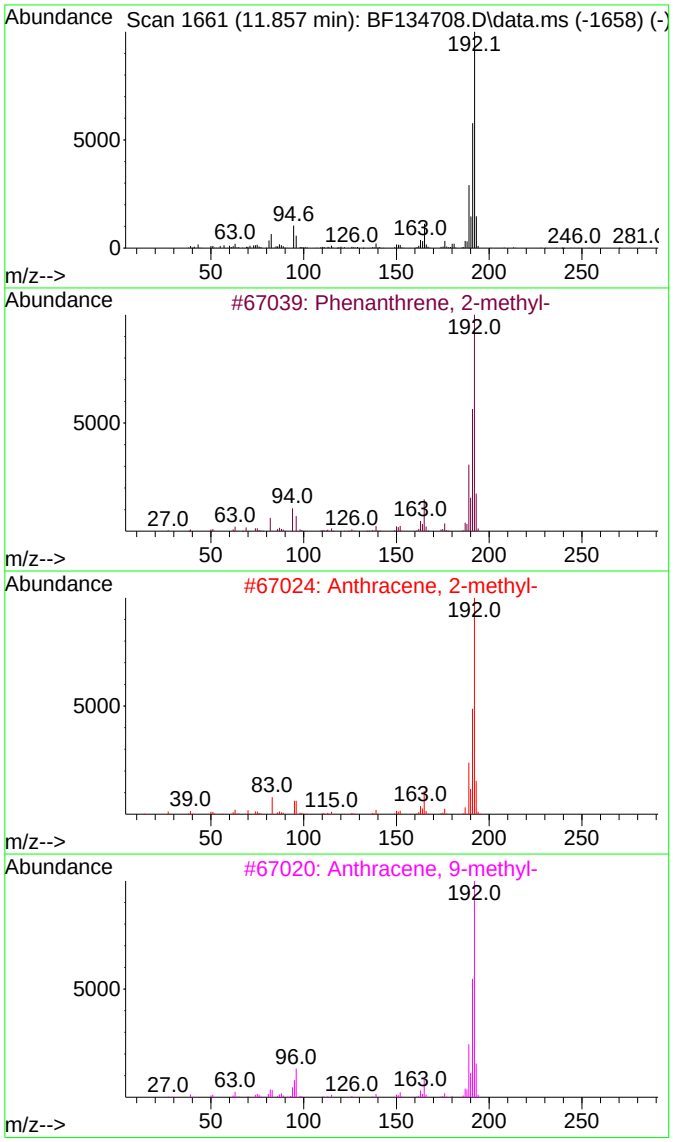
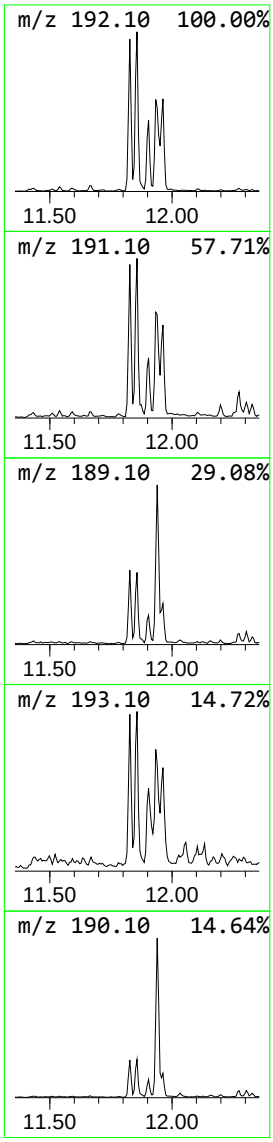
Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	10.36 ng	593282	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Acq On : 10 Aug 2023 13:59
Operator : CG\JU
Sample : 03932-02 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

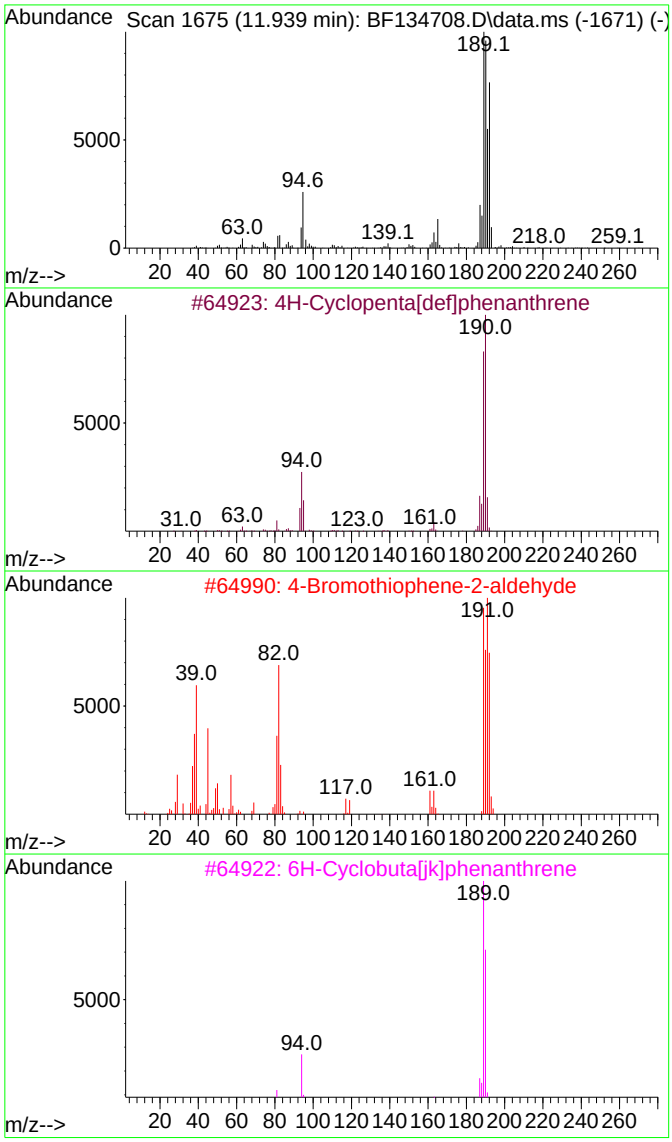
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

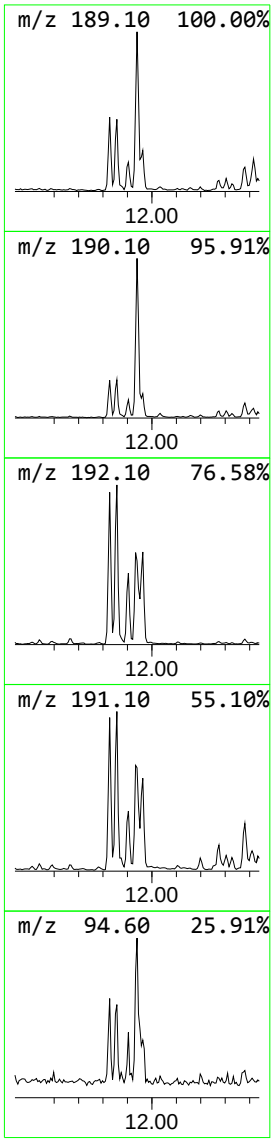
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	13.82 ng	791798	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	47
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134708.D
Acq On : 10 Aug 2023 13:59
Operator : CG\JU
Sample : 03932-02 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

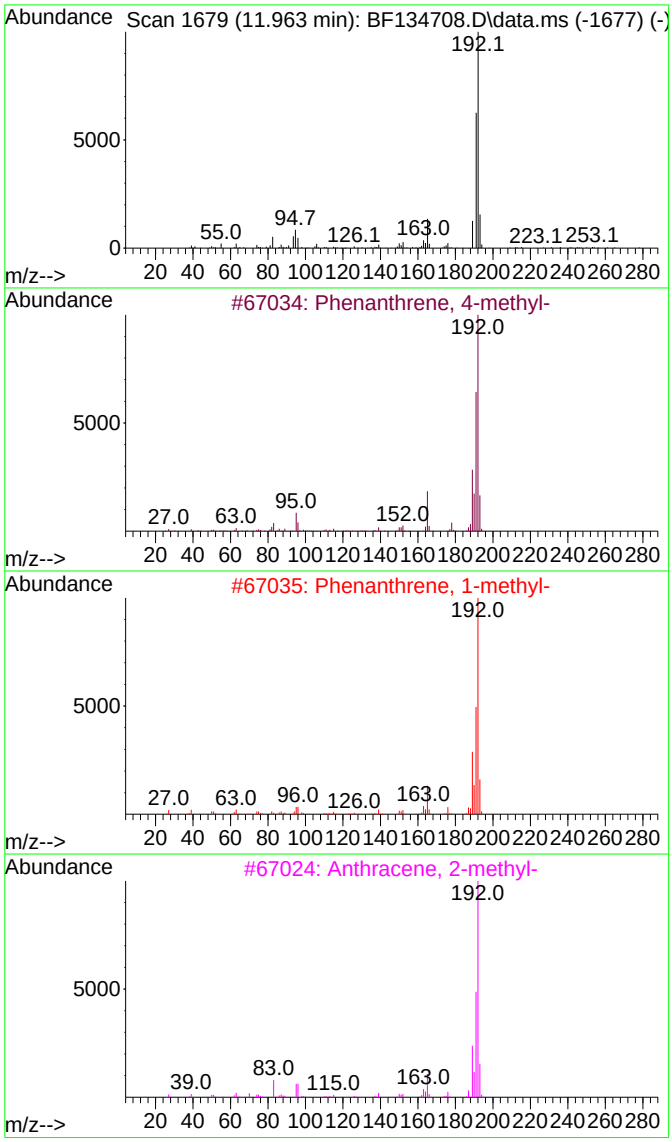
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

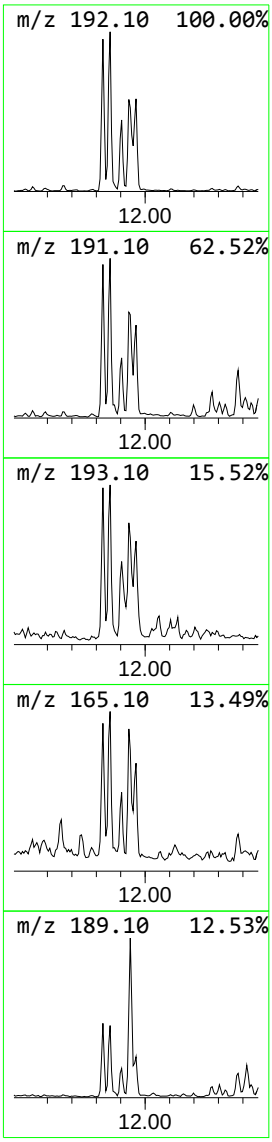
****

Peak Number 19 Phenanthrene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	5.96 ng	341227	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134708.D
Acq On : 10 Aug 2023 13:59
Operator : CG\JU
Sample : 03932-02 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

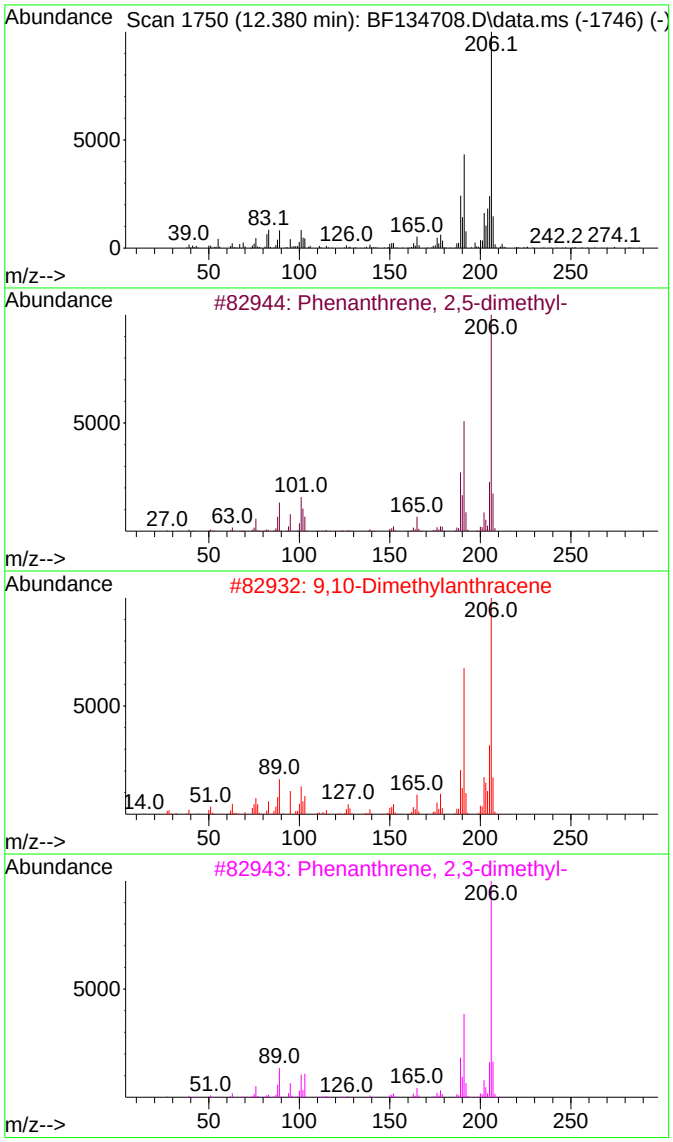
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

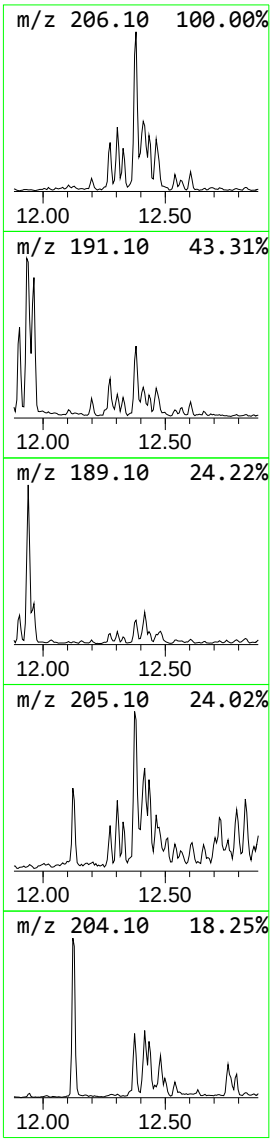
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	6.17 ng	353560	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134708.D
Acq On : 10 Aug 2023 13:59
Operator : CG\JU
Sample : 03932-02 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z20-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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
Benzene, 1,2,3-...	6.628	10.2	ng	506423	1	6.798	992471	20.0
Indane	6.981	42.9	ng	2128460	1	6.798	992471	20.0
o-Cymene	7.116	9.1	ng	449359	1	6.798	992471	20.0
p-Cymene	7.334	8.3	ng	409703	1	6.798	992471	20.0
1H-Indene, 2,3-...	7.751	7.3	ng	501543	2	8.081	1372940	20.0
Benzene, 1,2,3,...	7.822	13.8	ng	945077	2	8.081	1372940	20.0
2-Methylindene	7.863	12.3	ng	842796	2	8.081	1372940	20.0
Naphthalene, 2-...	9.351	14.9	ng	1182620	3	9.833	1592020	20.0
Naphthalene, 2,...	9.422	12.6	ng	1006240	3	9.833	1592020	20.0
Naphthalene, 2,...	9.492	16.6	ng	1317190	3	9.833	1592020	20.0
Naphthalene, 2,...	9.522	8.7	ng	692080	3	9.833	1592020	20.0
Naphthalene, 1,...	9.610	8.0	ng	636798	3	9.833	1592020	20.0
Tridecane, 4-me...	10.757	7.3	ng	418461	4	11.322	1145870	20.0
Dibenzothiophene	11.222	9.4	ng	540727	4	11.322	1145870	20.0
Anthracene, 9-m...	11.827	8.6	ng	493414	4	11.322	1145870	20.0
Phenanthrene, 2...	11.857	10.4	ng	593282	4	11.322	1145870	20.0
4H-Cyclopenta[d...	11.939	13.8	ng	791798	4	11.322	1145870	20.0
Phenanthrene, 4...	11.963	6.0	ng	341227	4	11.322	1145870	20.0
Phenanthrene, 2...	12.380	6.2	ng	353560	4	11.322	1145870	20.0