LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125022.D
Acq On : 10 Aug 2021 2:27
Operator : JU/CG
Sample : M3326-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MDE-NB

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-BF080421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125022.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.493	235	239	243	rBB	2157	3030	2.16%	0.158%
2	4.122	342	346	350	rBB	4635	4962	3.55%	0.258%
3	4.946	484	486	490	rBB	2575	2757	1.97%	0.143%
4	5.040	499	502	506	rBB	5675	5896	4.21%	0.307%
5	5.310	544	548	550	rBV2	4692	4182	2.99%	0.218%
6	5.334	550	552	554	rVB	5234	3597	2.57%	0.187%
7	5.410	562	565	567	rBV	7251	6823	4.87%	0.355%
8	5.446	567	571	574	rVV	155313	134435	96.05%	6.992%
9	5.722	616	618	621	rBB	4782	3511	2.51%	0.183%
10	6.310	714	718	721	rVB2	13235	13890	9.92%	0.722%
11	6.345	722	724	726	rBB	6128	3824	2.73%	0.199%
12	6.375	726	729	732	rBB	18607	13087	9.35%	0.681%
13	6.422	732	737	740	rBV2	21736	25331	18.10%	1.317%
14	6.463	740	744	747	rVV	143860	135359	96.71%	7.040%
15	6.504	748	751	754	rBB2	13822	9200	6.57%	0.478%
16	6.645	772	775	779	rBB2	14487	14171	10.13%	0.737%
17	6.822	802	805	809	rBV2	41930	36018	25.73%	1.873%
18	6.875	811	814	816	rBV	21060	15987	11.42%	0.831%
19	6.898	816	818	821	rVB	3854	2974	2.12%	0.155%
20	6.940	822	825	832	rBB	11412	11963	8.55%	0.622%
21	6.998	833	835	838	rBB	6017	4221	3.02%	0.220%
22	7.069	844	847	849	rBV	20838	15823	11.31%	0.823%
23	7.093	849	851	855	rVV	21620	18379	13.13%	0.956%
24	7.140	855	859	861	rVV	58185	48108	34.37%	2.502%
25	7.157	861	862	865	rVB	13375	8047	5.75%	0.419%
26	7.210	867	871	874	rBB2	13708	12538	8.96%	0.652%
27	7.251	875	878	880	rBV	4899	4457	3.18%	0.232%
28	7.281	882	883	885	rVV	8574	5692	4.07%	0.296%
29	7.310	885	888	890	rVV	6092	4873	3.48%	0.253%
30	7.357	893	896	898	rVV	53414	40932	29.25%	2.129%
31	7.387	898	901	904	rVV	109194	91495	65.37%	4.759%
32	7.410	904	905	908	rVB	8017	5944	4.25%	0.309%
33	7.469	911	915	918	rBB2	5939	5180	3.70%	0.269%
34	7.504	918	921	923	rBV	8393	6234	4.45%	0.324%
35	7.587	933	935	938	rVV	23686	18889	13.50%	0.982%
36	7.616	938	940	943	rVB	34391	23285	16.64%	1.211%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125022.D
Acq On : 10 Aug 2021 2:27
Operator : JU/CG
Sample : M3326-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MDE-NB

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-BF080421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.704	952	955	957	rBV	9217	6580	4.70%	0.342%
38	7.728	957	959	961	rVB	5668	4022	2.87%	0.209%
39	7.757	961	964	965	rBV	9719	6857	4.90%	0.357%
40	7.775	965	967	971	rVB2	10362	9159	6.54%	0.476%
41	7.840	975	978	981	rVV2	30452	25241	18.03%	1.313%
42	7.869	981	983	985	rVB2	11496	7699	5.50%	0.400%
43	7.916	988	991	994	rVB4	5116	5978	4.27%	0.311%
44	7.969	998	1000	1003	rBB	5264	3860	2.76%	0.201%
45	8.004	1003	1006	1009	rBV	39683	31790	22.71%	1.653%
46	8.081	1015	1019	1020	rBV	7279	6900	4.93%	0.359%
47	8.104	1020	1023	1025	rVV	50586	43891	31.36%	2.283%
48	8.122	1025	1026	1029	rVV2	10020	7113	5.08%	0.370%
49	8.687	1120	1122	1125	rBB	3746	3017	2.16%	0.157%
50	8.816	1142	1144	1146	rBB	5148	3422	2.45%	0.178%
51	8.910	1157	1160	1163	rBB	4445	4125	2.95%	0.215%
52	9.181	1202	1206	1209	rBB	171989	139959	100.00%	7.279%
53	9.857	1318	1321	1324	rBB	49621	35900	25.65%	1.867%
54	10.404	1412	1414	1416	rBB	3983	2786	1.99%	0.145%
55	10.645	1452	1455	1458	rBB	83768	64113	45.81%	3.334%
56	11.345	1570	1574	1576	rBV	36413	33370	23.84%	1.736%
57	11.369	1576	1578	1581	rVB	62734	43788	31.29%	2.277%
58	11.416	1584	1586	1589	rBB	8893	6681	4.77%	0.347%
59	11.845	1656	1659	1661	rBV	5567	4460	3.19%	0.232%
60	11.869	1661	1663	1666	rVB2	11701	8795	6.28%	0.457%
61	11.957	1675	1678	1680	rBV2	9491	9286	6.63%	0.483%
62	12.139	1707	1709	1711	rBB	3966	2705	1.93%	0.141%
63	12.163	1711	1713	1716	rBB	5943	4655	3.33%	0.242%
64	12.392	1749	1752	1756	rBV	2967	2697	1.93%	0.140%
65	12.557	1777	1780	1783	rBV	95880	76888	54.94%	3.999%
66	12.786	1813	1819	1822	rBV	81509	76751	54.84%	3.992%
67	12.904	1837	1839	1840	rBV	3211	2770	1.98%	0.144%
68	12.927	1840	1843	1846	rVB	154655	114647	81.91%	5.963%
69	13.004	1851	1856	1860	rBV2	5235	8503	6.08%	0.442%
70	13.092	1865	1871	1872	rBV2	3699	5149	3.68%	0.268%
71	13.116	1872	1875	1879	rVB	9783	8871	6.34%	0.461%
72	13.180	1883	1886	1888	rVV	6965	5839	4.17%	0.304%
73	13.216	1888	1892	1896	rVB2	6654	6605	4.72%	0.344%
74	13.310	1906	1908	1911	rBV	5260	3661	2.62%	0.190%
75	13.339	1911	1913	1919	rVB2	2874	4073	2.91%	0.212%
76	13.604	1950	1958	1959	rBV4	1650	2906	2.08%	0.151%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125022.D
Acq On : 10 Aug 2021 2:27
Operator : JU/CG
Sample : M3326-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MDE-NB

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-BF080421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.621	1959	1961	1965	rVB	5570	4990	3.57%	0.260%
78	13.733	1976	1980	1983	rBV2	5011	5918	4.23%	0.308%
79	13.757	1983	1984	1986	rVV	6226	4063	2.90%	0.211%
80	13.786	1986	1989	1990	rVV2	5373	5017	3.58%	0.261%
81	13.827	1992	1996	2001	rVB3	7047	11356	8.11%	0.591%
82	13.980	2017	2022	2025	rBV2	45532	66430	47.46%	3.455%
83	14.010	2025	2027	2030	rVB	34097	26822	19.16%	1.395%
84	14.086	2036	2040	2042	rBV2	5685	5370	3.84%	0.279%
85	14.139	2045	2049	2051	rBV4	3292	4720	3.37%	0.245%
86	14.198	2058	2059	2061	rBV2	3593	2847	2.03%	0.148%
87	14.304	2073	2077	2081	rBV5	2937	5604	4.00%	0.291%
88	14.369	2084	2088	2092	rBV2	6732	8720	6.23%	0.454%
89	14.398	2092	2093	2096	rBV2	3338	2986	2.13%	0.155%
90	14.492	2107	2109	2111	rBV3	4145	3304	2.36%	0.172%
91	14.727	2147	2149	2152	rBV2	10399	9750	6.97%	0.507%
92	15.016	2194	2198	2201	rBV	29448	38603	27.58%	2.008%
93	15.121	2214	2216	2221	rVB	5570	5734	4.10%	0.298%
94	15.315	2245	2249	2253	rBV	15614	17648	12.61%	0.918%
95	15.380	2256	2260	2264	rBV	23272	26145	18.68%	1.360%
96	15.439	2267	2270	2273	rBV2	18741	21417	15.30%	1.114%
97	15.468	2273	2275	2279	rVB	3759	4118	2.94%	0.214%
98	16.545	2453	2458	2462	rVB5	2462	4716	3.37%	0.245%
99	16.892	2512	2517	2521	rVV2	7530	12715	9.08%	0.661%
100	17.333	2586	2592	2600	rVB3	7156	13126	9.38%	0.683%

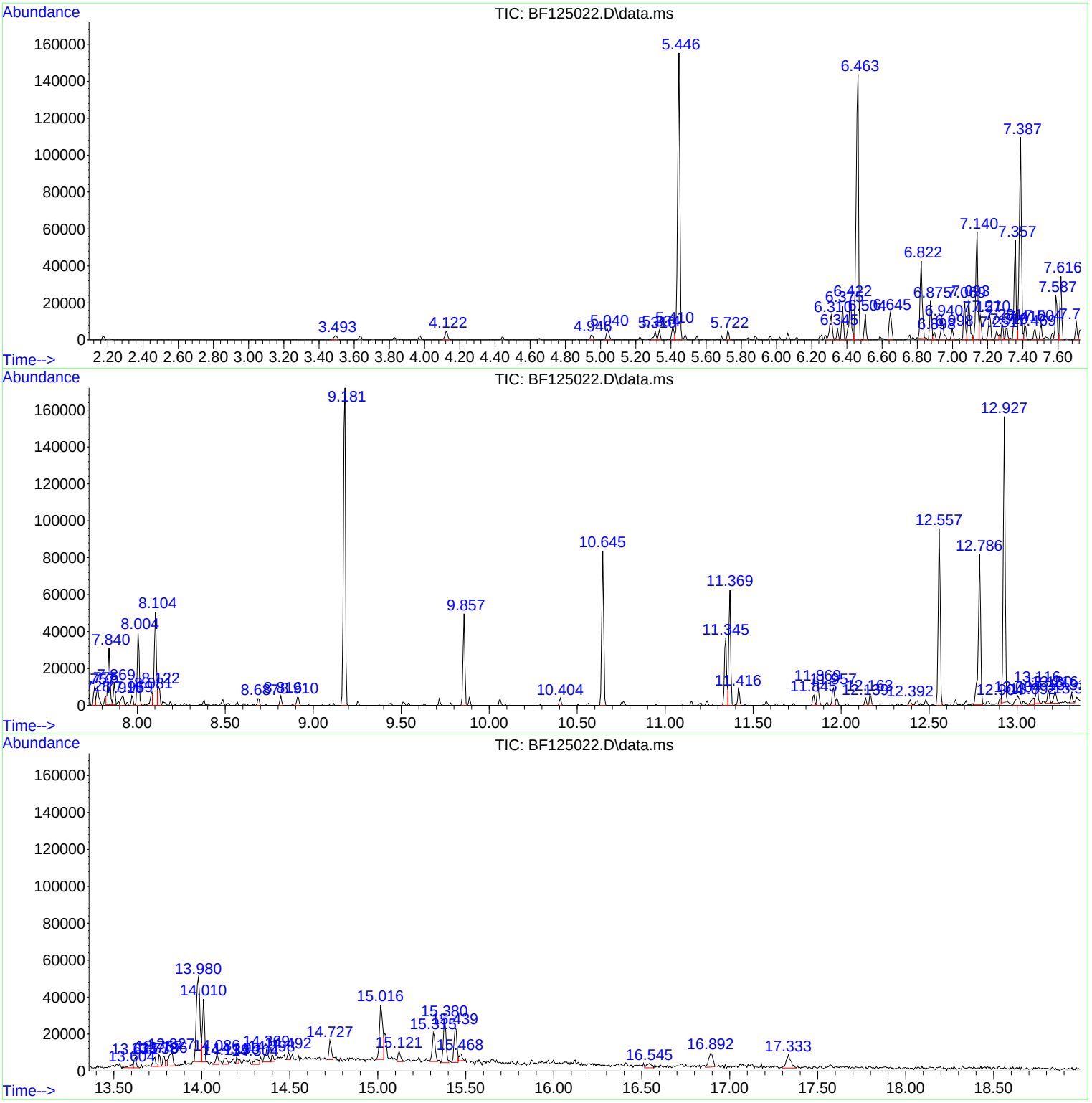
Sum of corrected areas: 1922725

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125022.D
Acq On : 10 Aug 2021 2:27
Operator : JU/CG
Sample : M3326-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDE-NB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.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\BF080921\
Data File : BF125022.D
Acq On : 10 Aug 2021 2:27
Operator : JU/CG
Sample : M3326-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDE-NB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

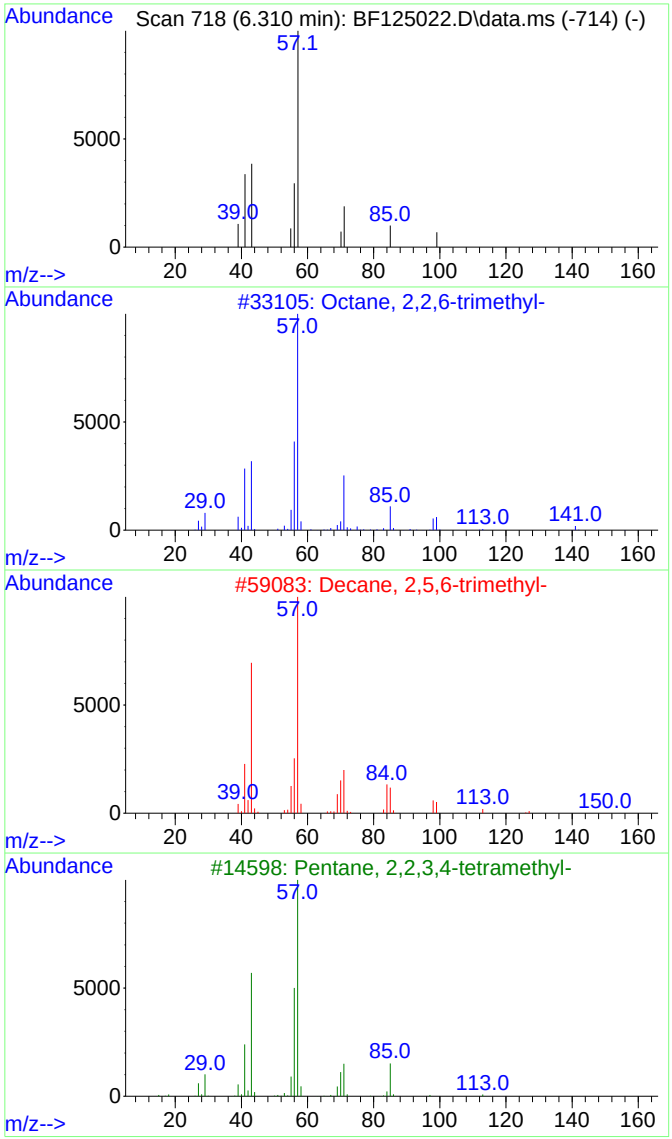
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

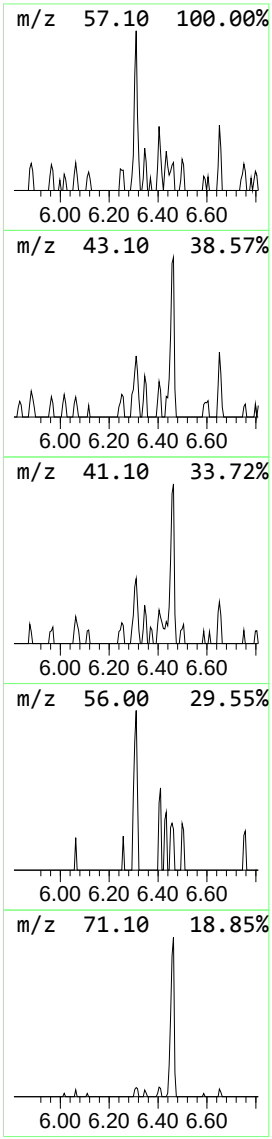
****

Peak Number 1 Octane, 2,2,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.310	7.71 ng	13890	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	74
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	43
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	33
5	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125022.D
Acq On : 10 Aug 2021 2:27
Operator : JU/CG
Sample : M3326-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDE-NB

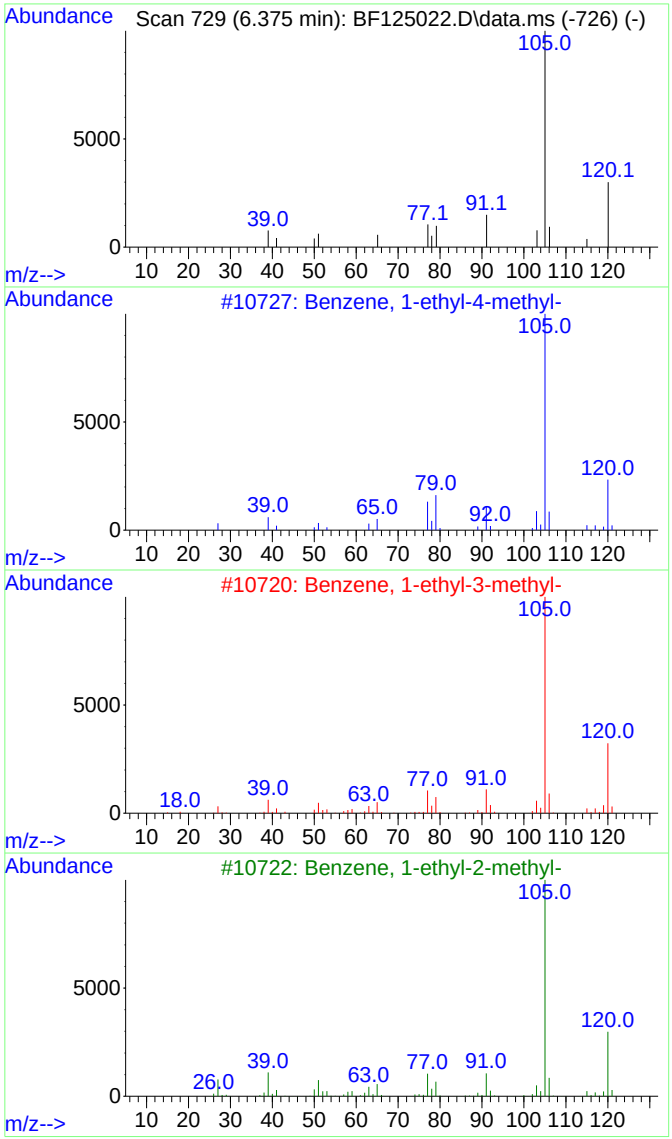
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

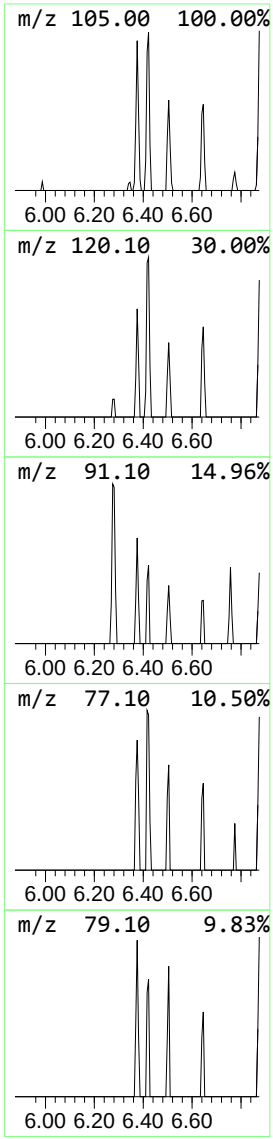
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.375	7.27 ng	13087	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	86
5	Benzene, 1,1'-(1-methyl-1,2-etha...	196	C15H16	005814-85-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125022.D
Acq On : 10 Aug 2021 2:27
Operator : JU/CG
Sample : M3326-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDE-NB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

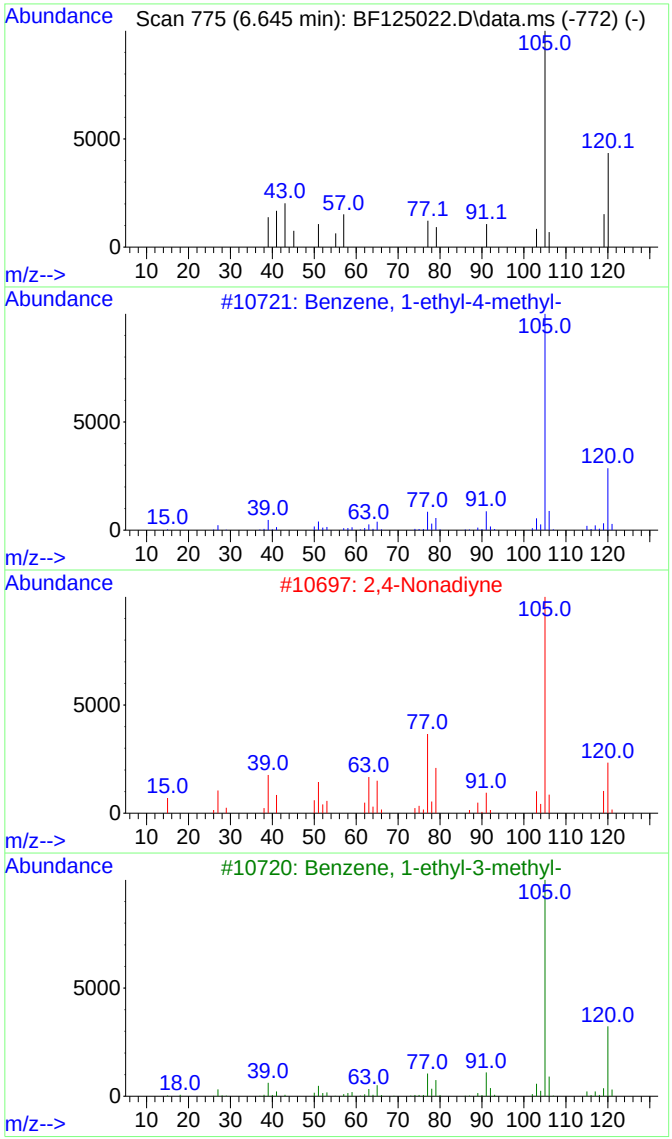
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

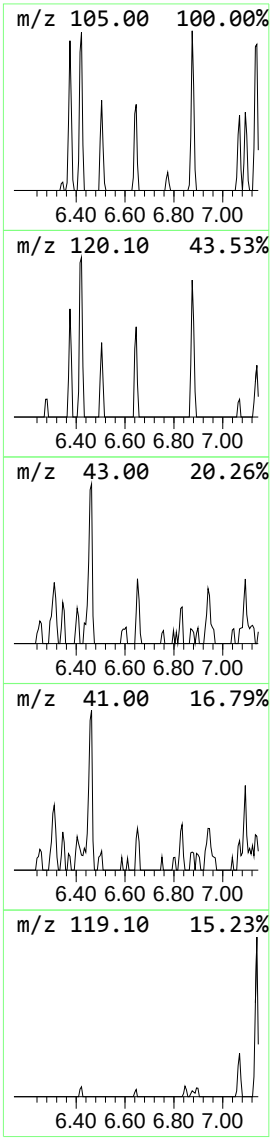
****

Peak Number 3 2,4-Nonadiyne Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.645	7.87 ng	14171	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72
2	2,4-Nonadiyne	120	C9H12	063621-15-8	72
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125022.D
Acq On : 10 Aug 2021 2:27
Operator : JU/CG
Sample : M3326-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDE-NB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

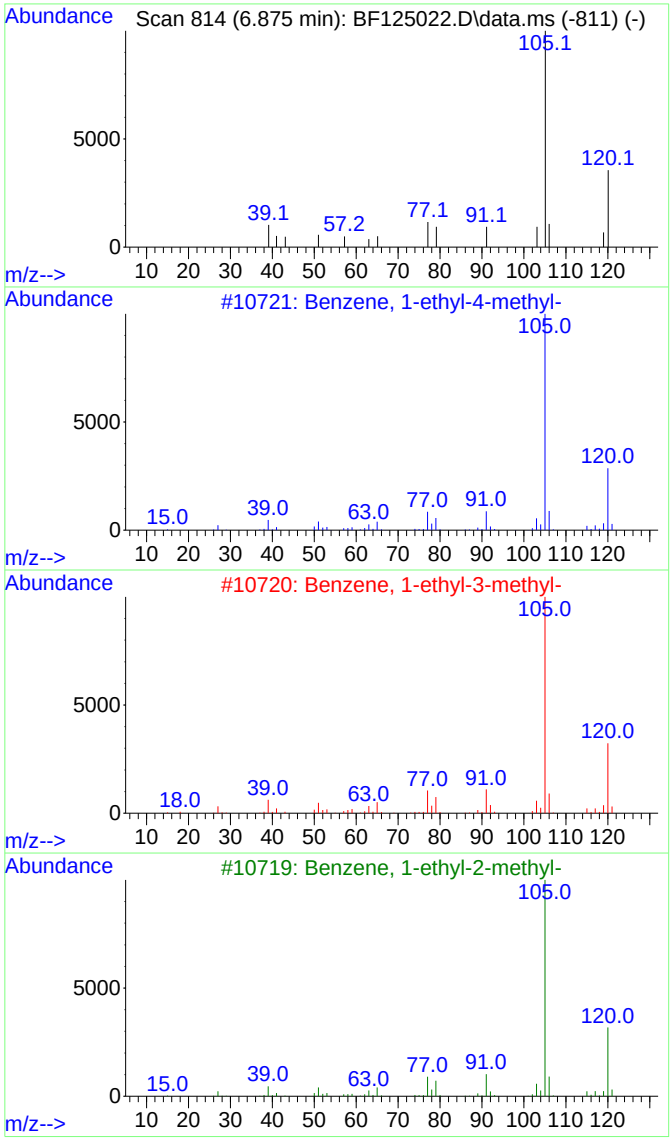
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

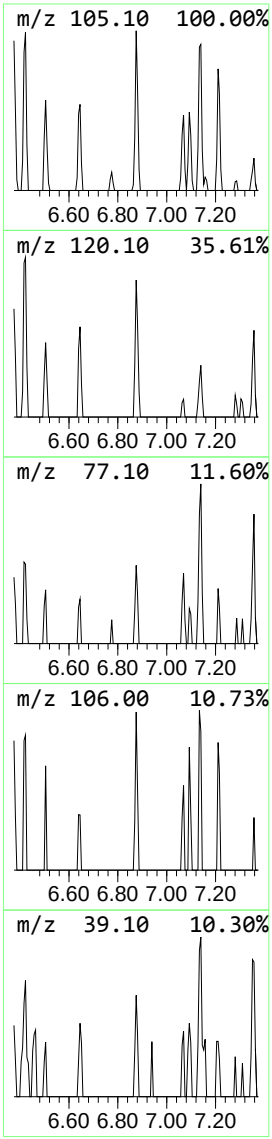
****

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.875	8.88 ng	15987	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	78
5	Benzene, 1,1'-(1-methyl-1,2-etha...	196	C15H16	005814-85-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125022.D
Acq On : 10 Aug 2021 2:27
Operator : JU/CG
Sample : M3326-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MDE-NB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

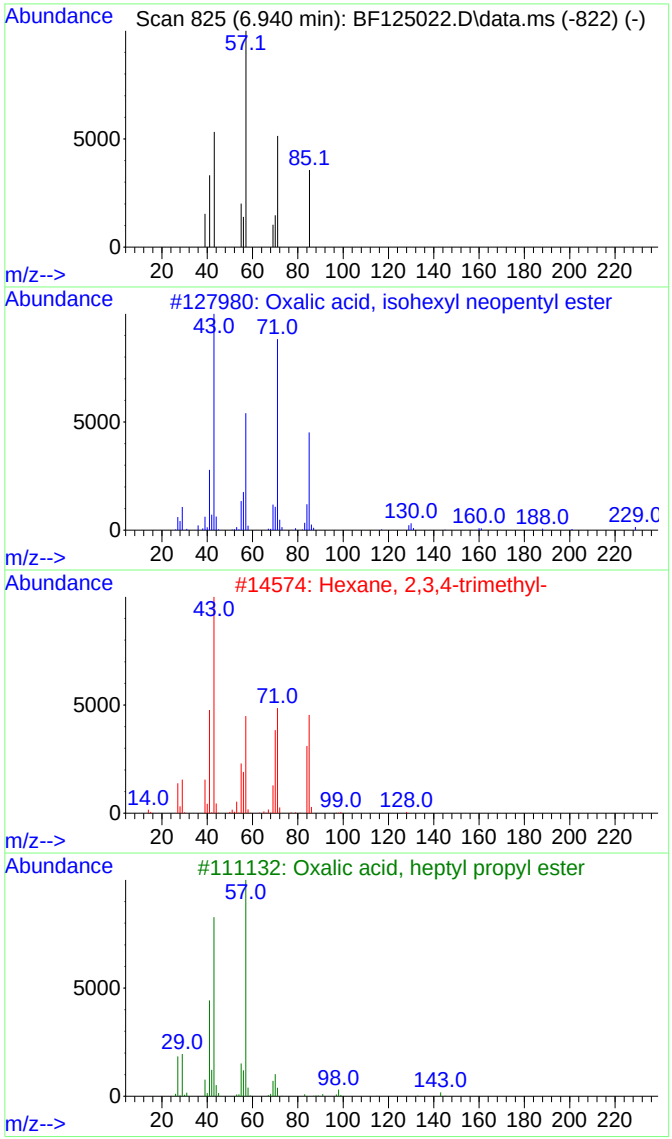
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

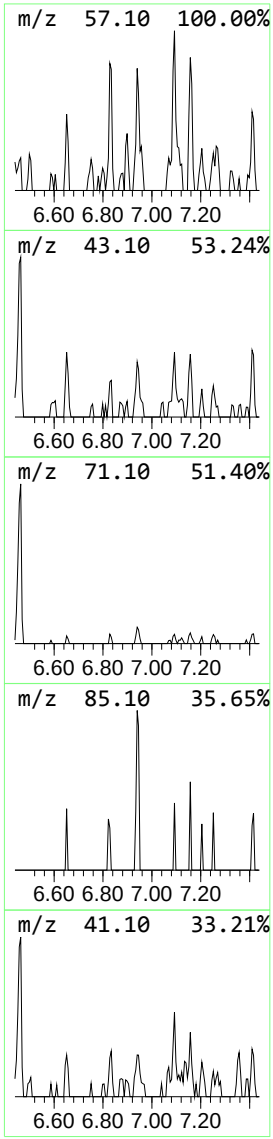
****

Peak Number 5 unknown6.940 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.940	6.64 ng	11963	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	39
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	38
3	Oxalic acid, heptyl propyl ester	230	C12H22O4	1000309-26-0	32
4	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	9
5	Azetidine, 2-methyl-	71	C4H9N	019812-49-8	9





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Operator : JU/CG
Sample : M3326-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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BNA_F
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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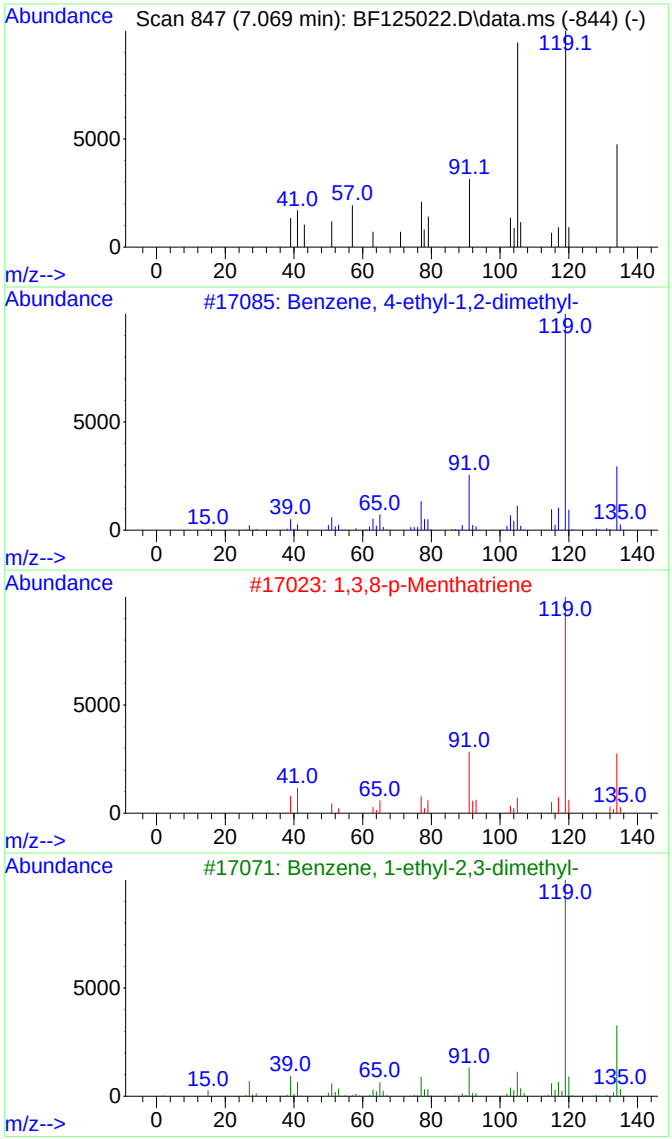
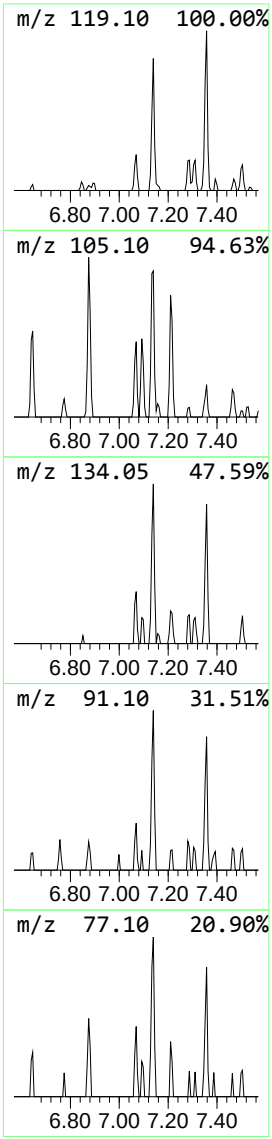
Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.069	8.79 ng	15823	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
2	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	64
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	59
4	Benzene, tert-butyl-	134	C10H14	000098-06-6	53
5	2-Tolyloxirane	134	C9H10O	002783-26-8	49





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Sample : M3326-01
Misc :
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Instrument : BNA_F
ClientSampleId : MDE-NB

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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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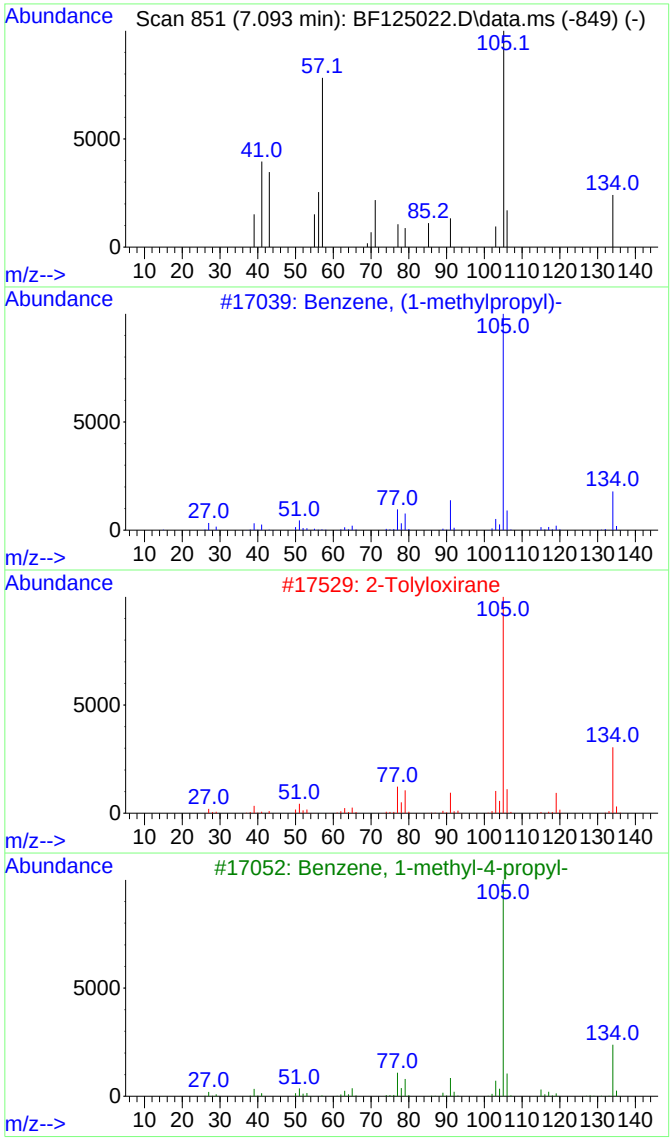
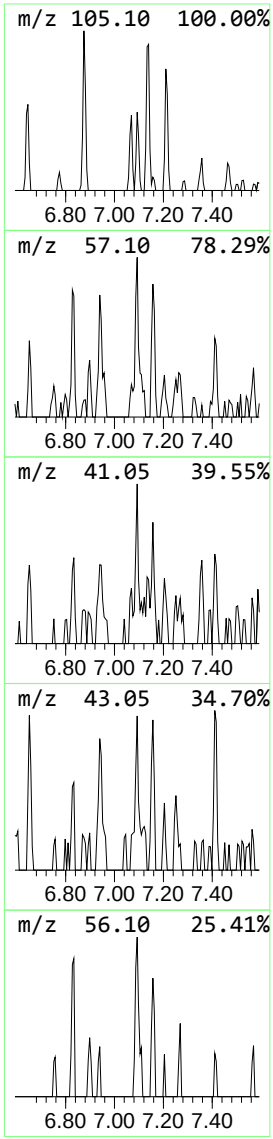
Peak Number 7 unknown7.093 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.093	10.21 ng	18379	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	43
2	2-Tolyloxirane	134	C9H10O	002783-26-8	43
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	43
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	38
5	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	35





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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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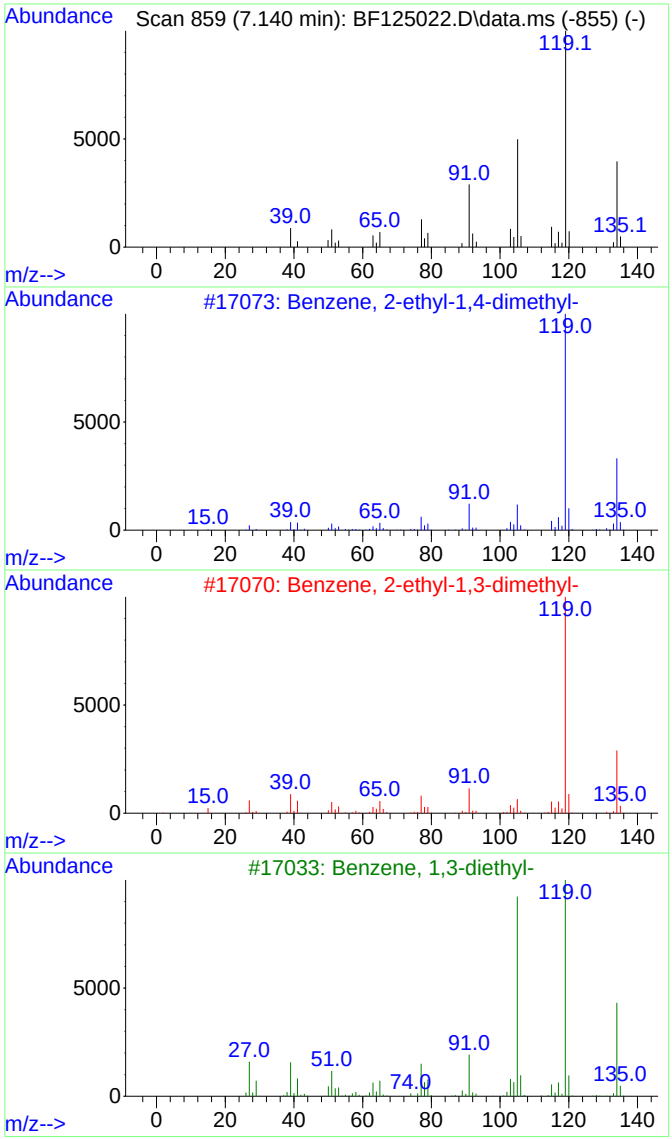
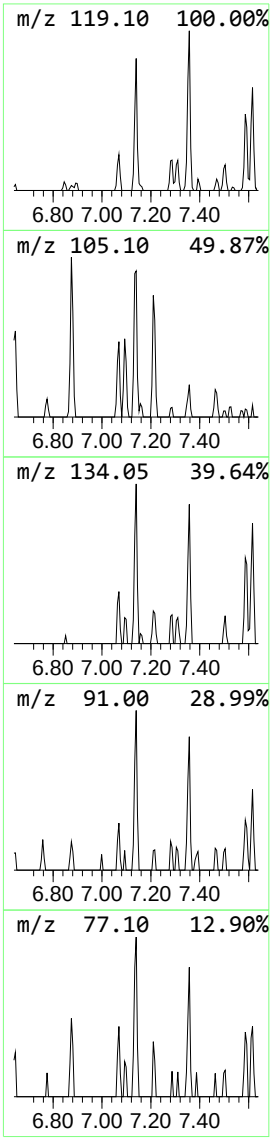
Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.140	26.71 ng	48108	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
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





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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.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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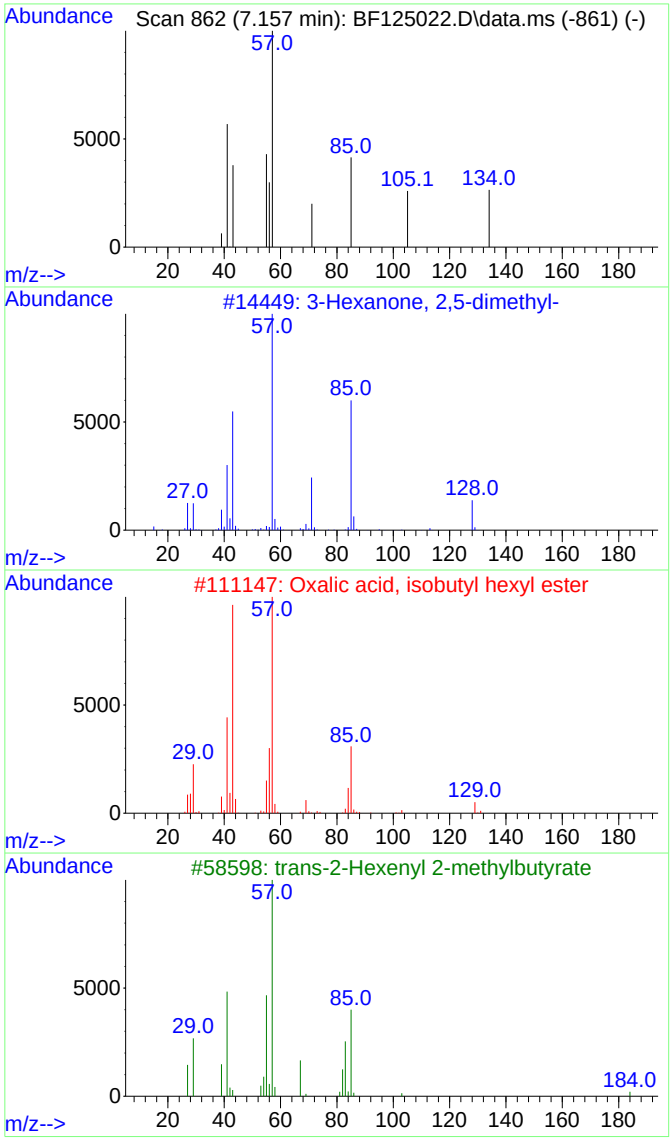
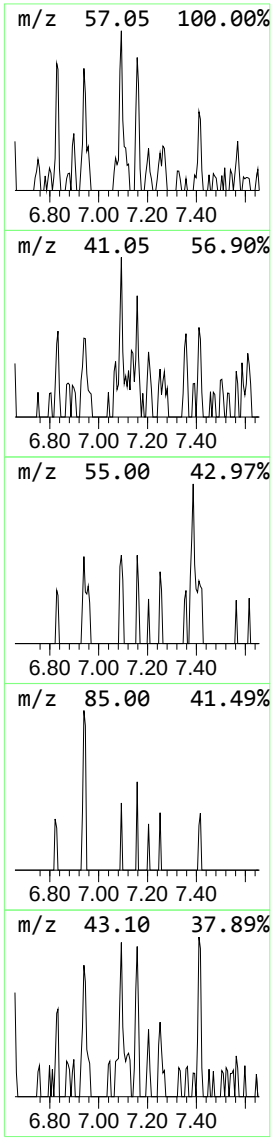
Peak Number 9 unknown7.157 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.157	4.47 ng	8047	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2,5-dimethyl-	128	C8H16O	001888-57-9	9
2	Oxalic acid, isobutyl hexyl ester	230	C12H22O4	1000309-37-1	9
3	trans-2-Hexenyl 2-methylbutyrate	184	C11H20O2	1000433-23-8	9
4	2H-Pyran, 2-(1,1-dimethylethoxy)...	158	C9H18O2	001927-69-1	9
5	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	9





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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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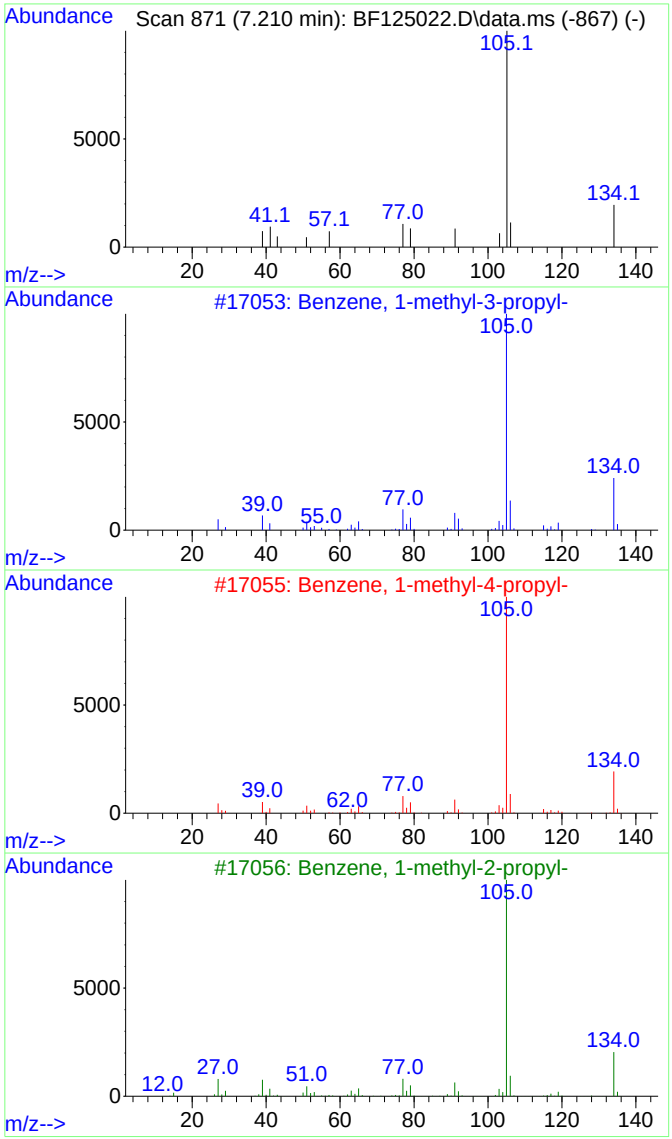
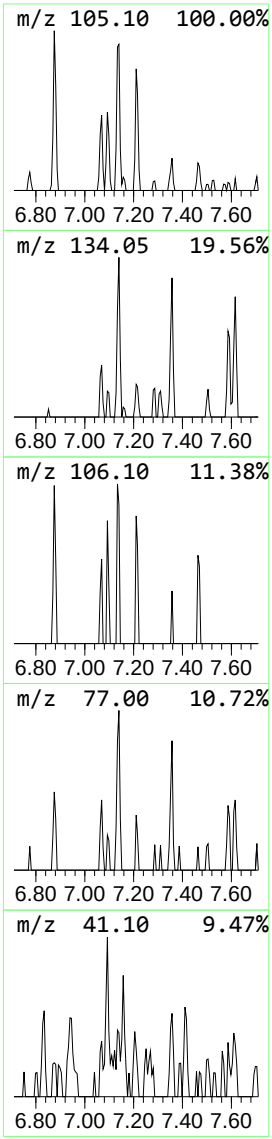
Peak Number 10 Benzene, 1-methyl-3-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.210	6.96 ng	12538	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	86
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	78
5	2-Tolyloxirane	134	C9H10O	002783-26-8	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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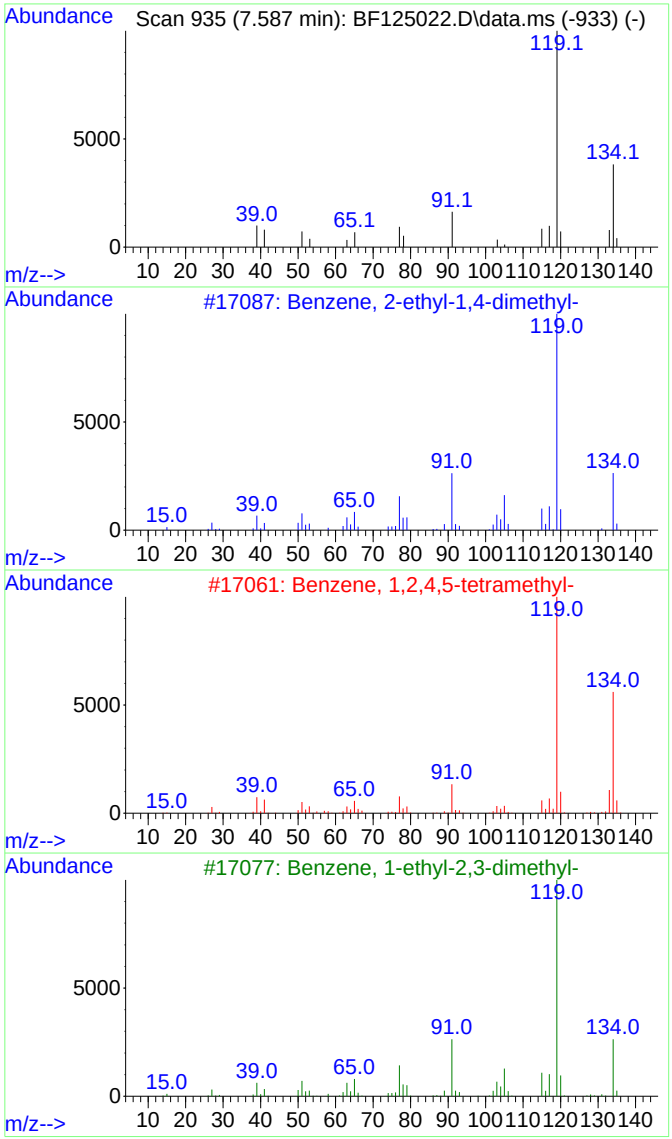
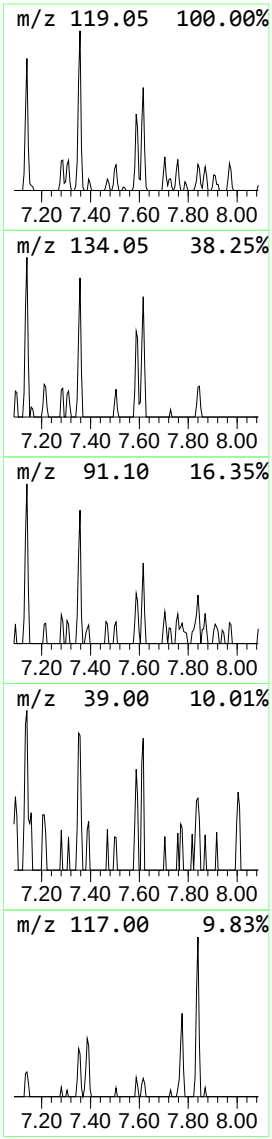
Peak Number 11 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.587	8.61 ng	18889	Naphthalene-d8	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
5	o-Cymene	134	C10H14	000527-84-4	90





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Sample : M3326-01
Misc :
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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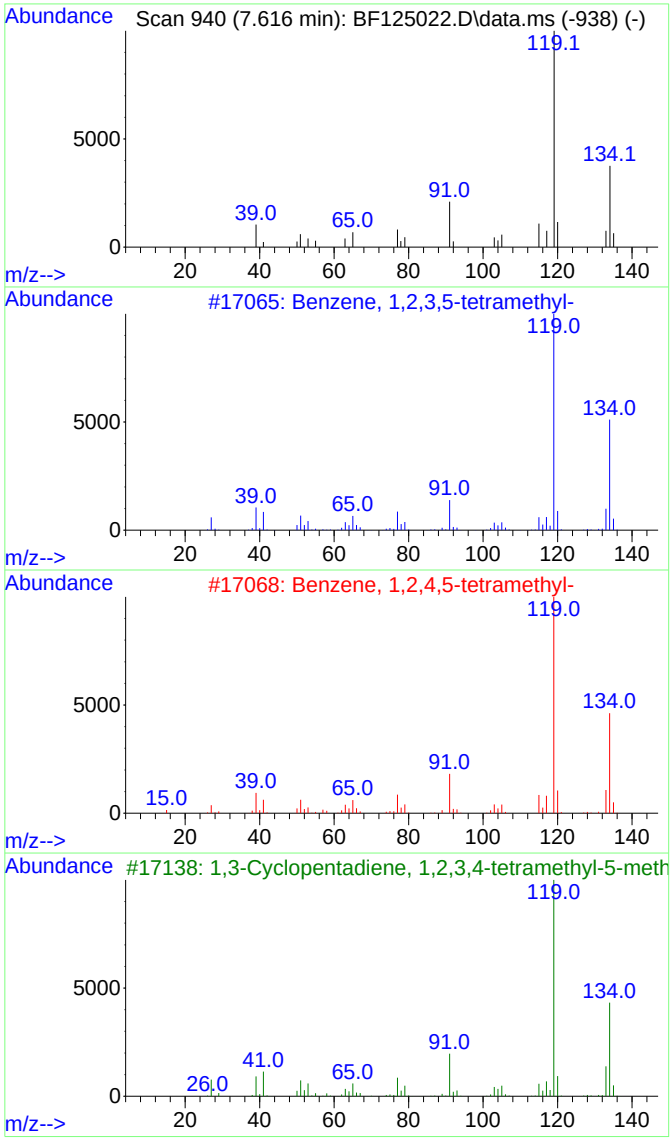
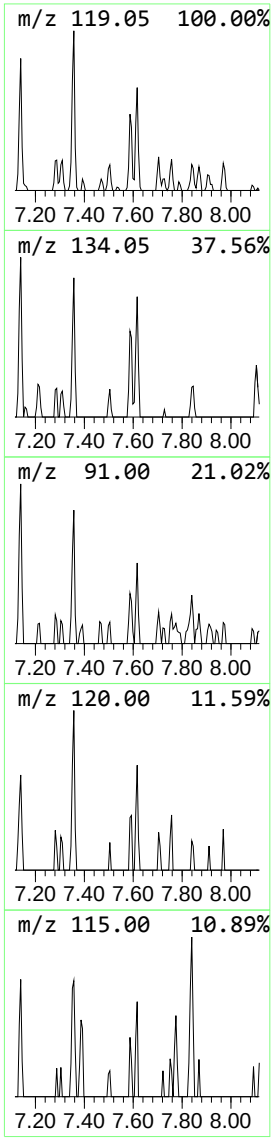
Peak Number 12 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.616	10.61 ng	23285	Naphthalene-d8	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





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ALS Vial : 19 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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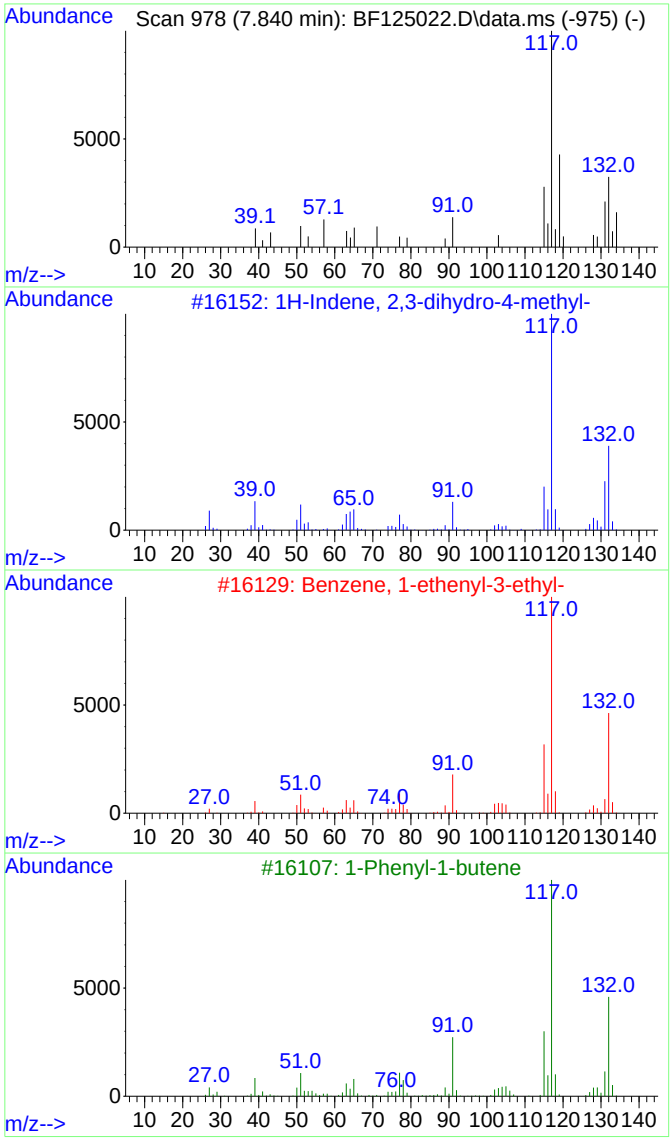
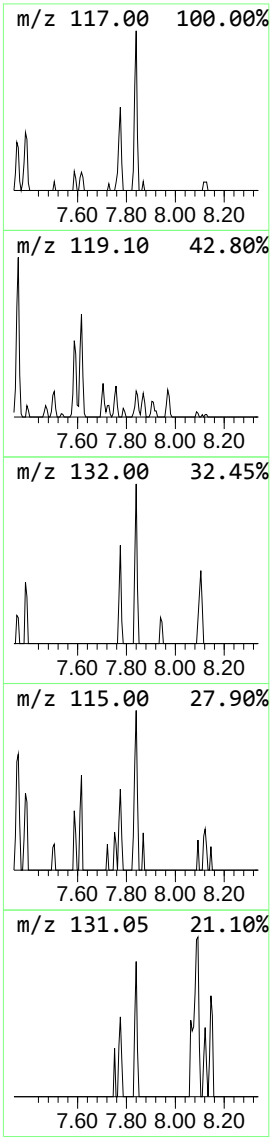
Peak Number 13 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.840	11.50 ng	25241	Naphthalene-d8	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	64
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	62





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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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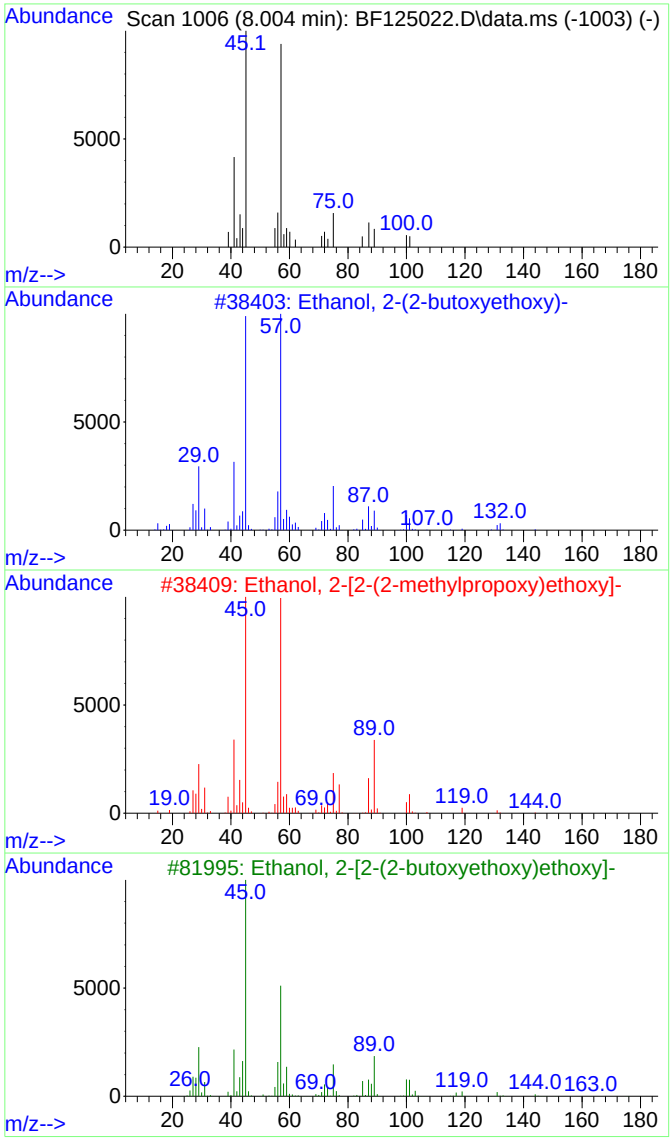
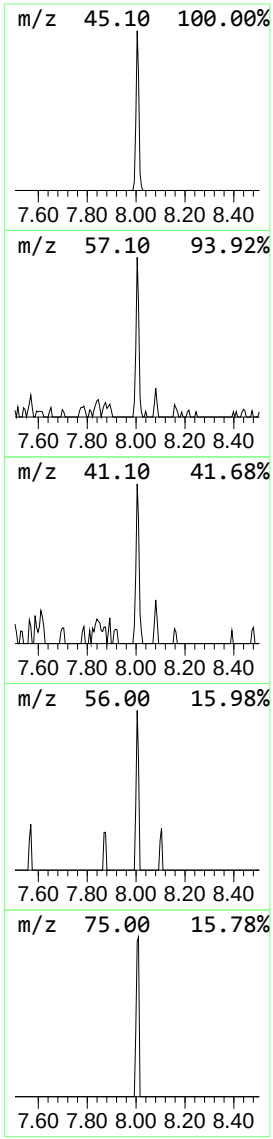
Peak Number 14 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.004	14.49 ng	31790	Naphthalene-d8	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	50
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
5	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	42





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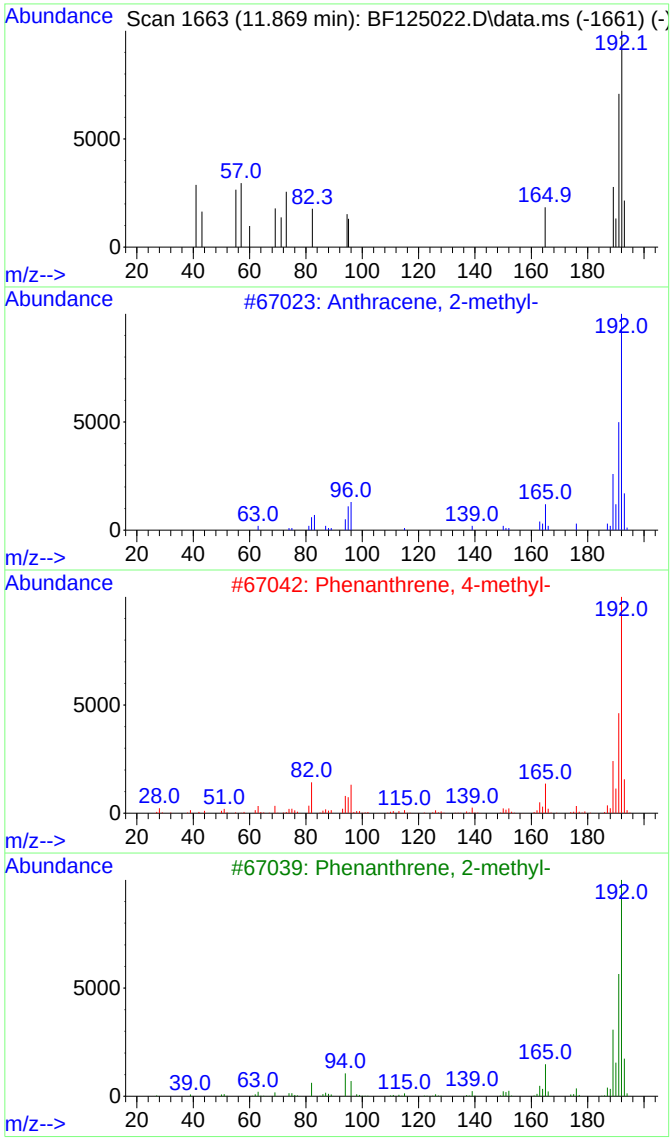
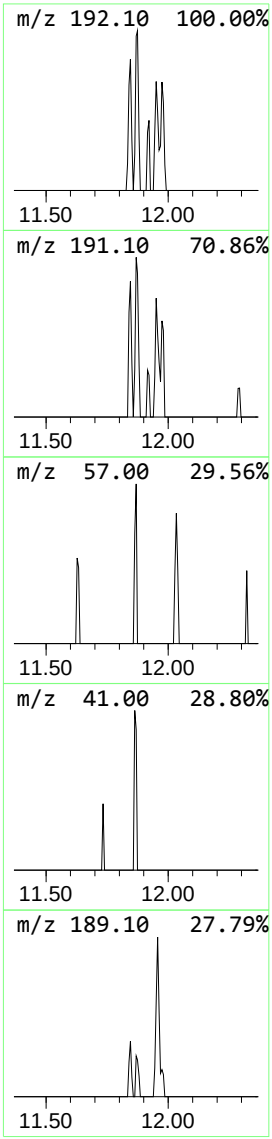
Peak Number 15 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	5.27 ng	8795	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	58
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	58
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	58





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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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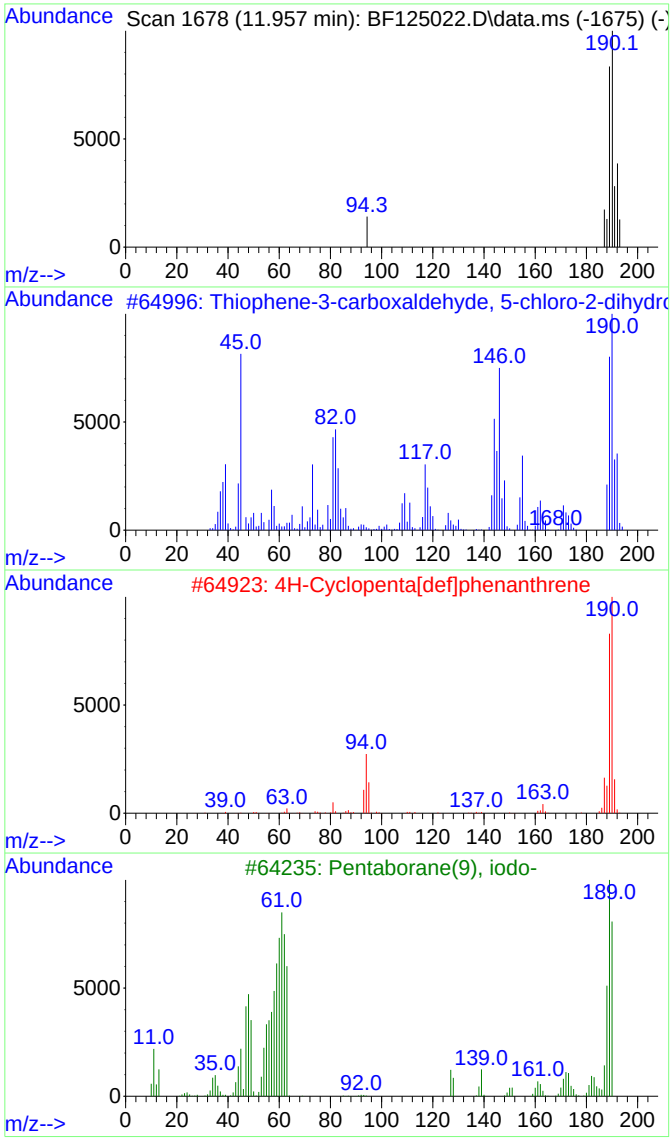
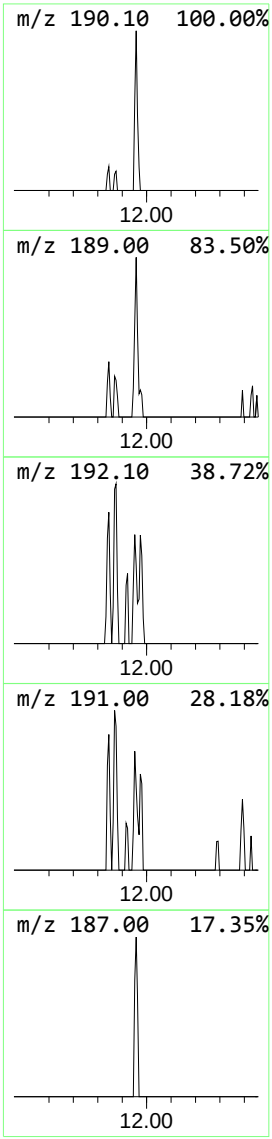
Peak Number 16 Thiophene-3-carboxaldehyde,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	5.57 ng	9286	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	74
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	Pentaborane(9), iodo-	190	B5H8I	031213-31-7	9
4	2-Chloro-1-(2-propynyl)-1H-benzi...	190	C10H7ClN2	080276-19-3	9
5	Pyridazine-3(2H)-thione, 4-chlor...	190	C6H7ClN2OS	072038-53-0	9





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Acq On : 10 Aug 2021 2:27
Operator : JU/CG
Sample : M3326-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDE-NB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.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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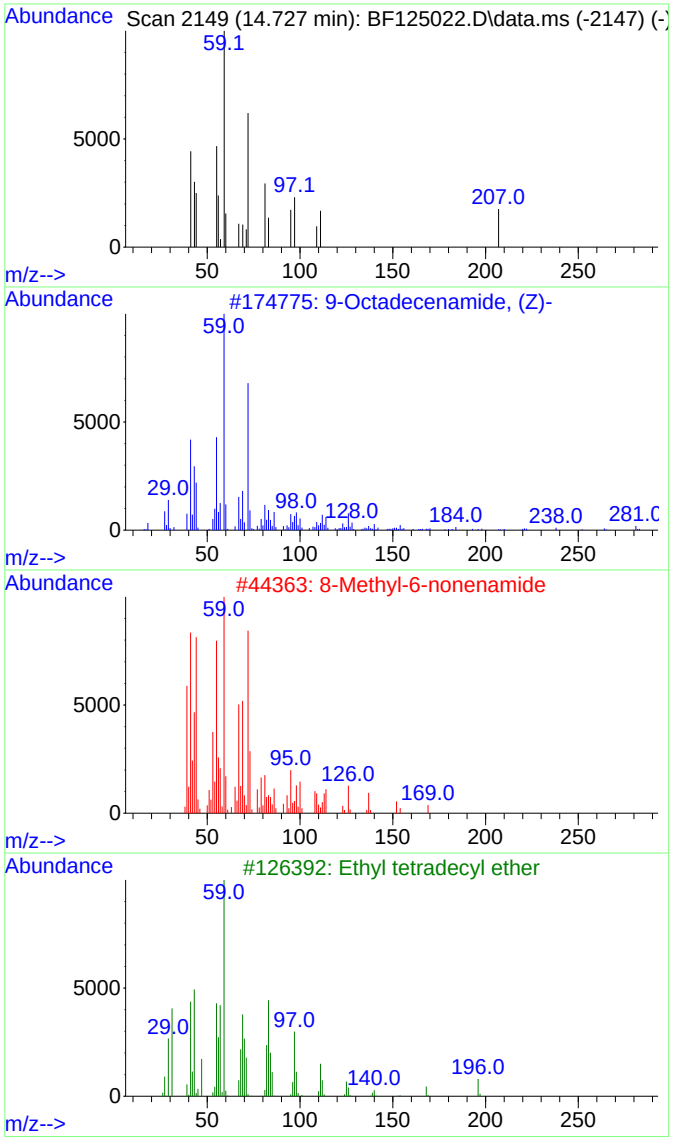
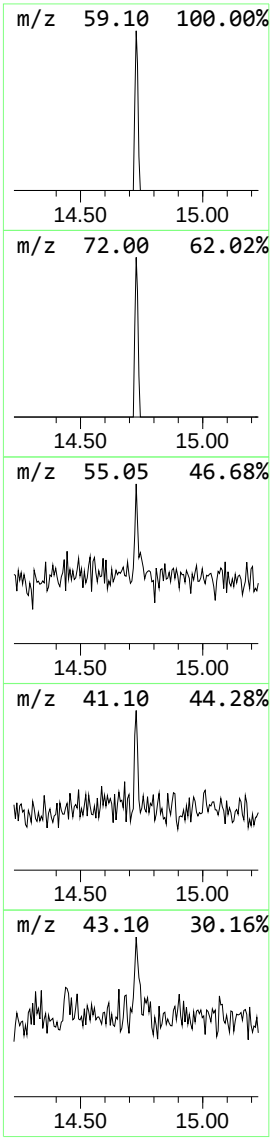
Peak Number 17 unknown14.727 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	9.10 ng	9750	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	36
2	8-Methyl-6-nonenamide	169	C10H19NO	1000293-20-9	28
3	Ethyl tetradecyl ether	242	C16H34O	1000406-36-3	25
4	Ethyl dodecyl ether	214	C14H30O	007289-37-4	25
5	Methylphosphonic acid, di(2-etho...	240	C9H21O5P	006069-07-4	12





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Acq On : 10 Aug 2021 2:27
Operator : JU/CG
Sample : M3326-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDE-NB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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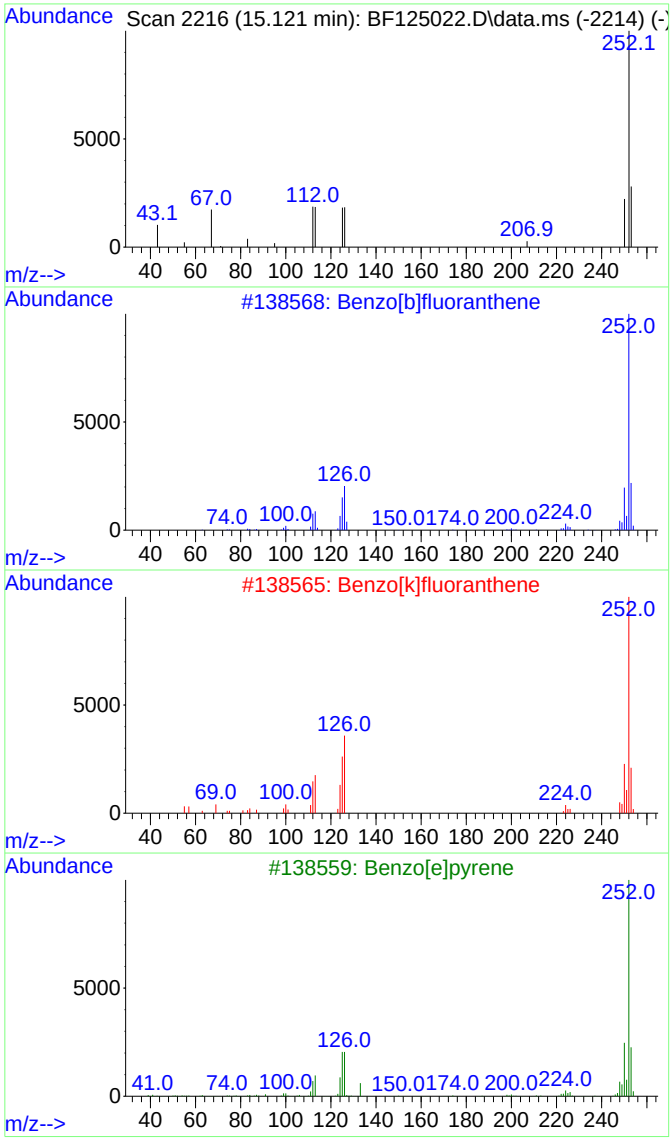
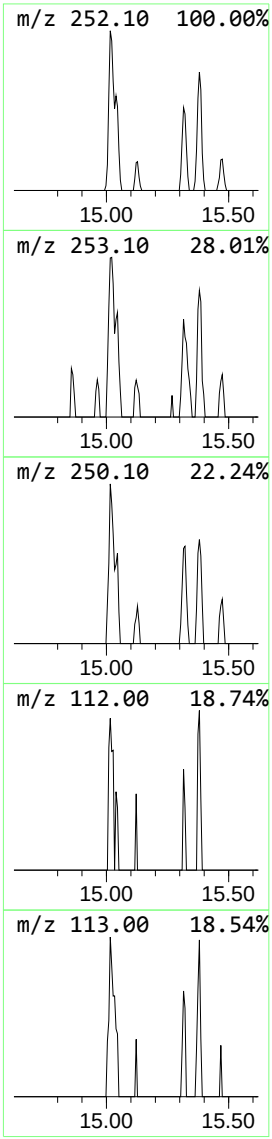
Peak Number 18 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	5.35 ng	5734	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	64
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	64
3	Benzo[e]pyrene	252	C20H12	000192-97-2	64
4	Benzo[a]pyrene	252	C20H12	000050-32-8	64
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	59





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Data File : BF125022.D
Acq On : 10 Aug 2021 2:27
Operator : JU/CG
Sample : M3326-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDE-NB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.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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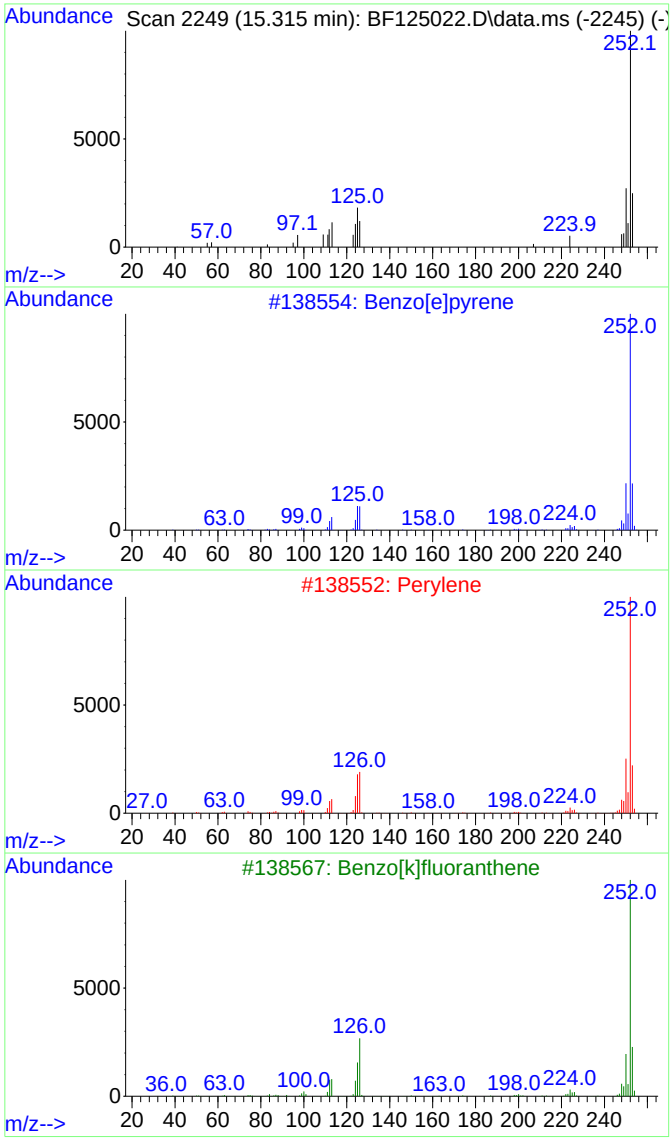
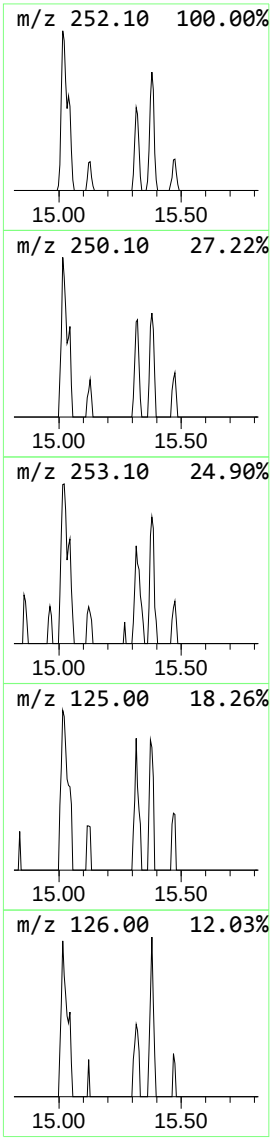
Peak Number 19 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	16.48 ng	17648	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	83
2	Perylene	252	C20H12	000198-55-0	81
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125022.D
Acq On : 10 Aug 2021 2:27
Operator : JU/CG
Sample : M3326-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDE-NB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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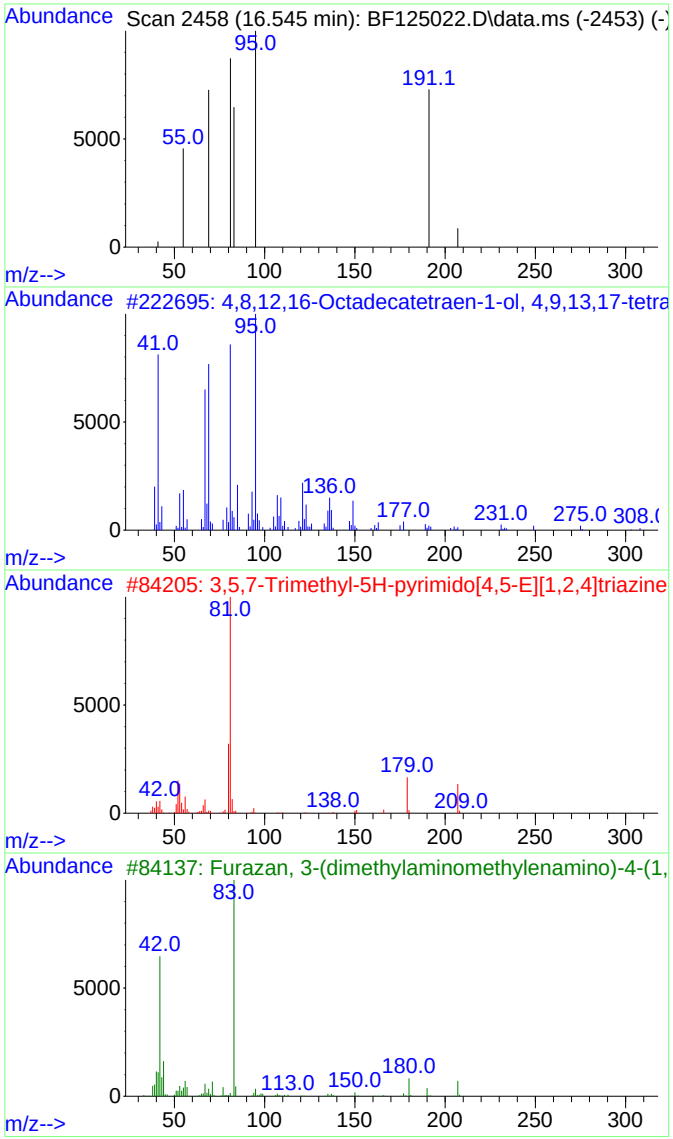
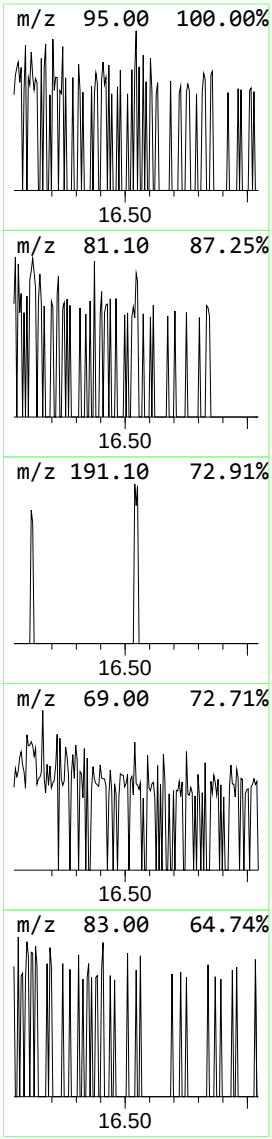
Peak Number 20 unknown16.545 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.545	4.40 ng	4716	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12,16-Octadecatetraen-1-ol, ...	318	C22H38O	1000142-00-0	9
2	3,5,7-Trimethyl-5H-pyrimido[4,5-...	207	C8H9N5O2	1000300-44-3	4
3	Furazan, 3-(dimethylaminomethyle...	207	C7H9N7O	294667-75-7	4
4	Bicyclo[2.2.1]heptane-2,3-dione,...	166	C10H14O2	010334-26-6	4
5	2-Pyrimidinamine	95	C4H5N3	000109-12-6	2





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
Data File : BF125022.D
Acq On : 10 Aug 2021 2:27
Operator : JU/CG
Sample : M3326-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MDE-NB

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.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
Octane, 2,2,6-t...	6.310	7.7	ng	13890	1	6.822	36018	20.0
Benzene, 1-ethy...	6.375	7.3	ng	13087	1	6.822	36018	20.0
2,4-Nonadiyne	6.645	7.9	ng	14171	1	6.822	36018	20.0
Benzene, 1-ethy...	6.875	8.9	ng	15987	1	6.822	36018	20.0
unknown6.940	6.940	6.6	ng	11963	1	6.822	36018	20.0
Benzene, 4-ethy...	7.069	8.8	ng	15823	1	6.822	36018	20.0
unknown7.093	7.093	10.2	ng	18379	1	6.822	36018	20.0
Benzene, 2-ethy...	7.140	26.7	ng	48108	1	6.822	36018	20.0
unknown7.157	7.157	4.5	ng	8047	1	6.822	36018	20.0
Benzene, 1-meth...	7.210	7.0	ng	12538	1	6.822	36018	20.0
Benzene, 1,2,4,...	7.587	8.6	ng	18889	2	8.104	43891	20.0
Benzene, 1,2,3,...	7.616	10.6	ng	23285	2	8.104	43891	20.0
1H-Indene, 2,3-...	7.840	11.5	ng	25241	2	8.104	43891	20.0
Ethanol, 2-(2-b...	8.004	14.5	ng	31790	2	8.104	43891	20.0
Anthracene, 2-m...	11.869	5.3	ng	8795	4	11.345	33370	20.0
Thiophene-3-car...	11.957	5.6	ng	9286	4	11.345	33370	20.0
unknown14.727	14.727	9.1	ng	9750	6	15.439	21417	20.0
Benzo[e]pyrene	15.121	5.3	ng	5734	6	15.439	21417	20.0
Perylene	15.316	16.5	ng	17648	6	15.439	21417	20.0
unknown16.545	16.545	4.4	ng	4716	6	15.439	21417	20.0