LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
Data File : BM039566.D
Acq On : 22 Apr 2023 00:05
Operator : CG/JU
Sample : 02386-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SPA-2WC-23-04

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_M\Methods\8270-BM041723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039566.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.113	345	353	357	rBV	1726446	2701548	8.81%	0.411%
2	5.307	381	386	393	rVV	6245182	9011850	29.38%	1.372%
3	5.396	393	401	404	rVV2	2772936	4842693	15.79%	0.737%
4	5.443	404	409	425	rVB	10344751	19524756	63.66%	2.973%
5	5.813	465	472	480	rVB	5811023	8599058	28.04%	1.309%
6	6.066	508	515	523	rBV4	1072646	2507508	8.18%	0.382%
7	6.290	546	553	560	rBV6	1493005	3116871	10.16%	0.475%
8	6.354	560	564	569	rBV	1694250	2399625	7.82%	0.365%
9	6.437	574	578	581	rVV2	1606908	2762749	9.01%	0.421%
10	6.472	581	584	591	rVV3	1136091	2314395	7.55%	0.352%
11	6.701	615	623	628	rBV2	1005360	2405938	7.84%	0.366%
12	6.795	634	639	644	rVB2	4499296	7189677	23.44%	1.095%
13	6.854	644	649	652	rBV	2109865	2792114	9.10%	0.425%
14	6.901	652	657	661	rVV	4517559	6477613	21.12%	0.986%
15	6.960	661	667	672	rVV3	4182983	7863286	25.64%	1.197%
16	7.037	672	680	686	rVB3	3356500	8811161	28.73%	1.341%
17	7.201	702	708	715	rBV3	1925204	4130177	13.47%	0.629%
18	7.295	720	724	728	rVV3	1293480	2210639	7.21%	0.337%
19	7.437	742	748	750	rBV	7217060	10396417	33.90%	1.583%
20	7.466	750	753	760	rVB	8159907	12019542	39.19%	1.830%
21	7.713	787	795	802	rBV7	1808918	5217188	17.01%	0.794%
22	7.795	802	809	815	rVV	5115940	7964886	25.97%	1.213%
23	7.860	815	820	828	rVB3	4155411	7835515	25.55%	1.193%
24	7.937	828	833	840	rBV3	3415975	6981920	22.77%	1.063%
25	8.042	847	851	857	rVV	3801777	6738533	21.97%	1.026%
26	8.101	857	861	868	rVB2	2209108	3820776	12.46%	0.582%
27	8.178	868	874	882	rVB2	4110920	7316579	23.86%	1.114%
28	8.348	899	903	910	rVV2	3840592	9156634	29.86%	1.394%
29	8.401	910	912	917	rVB	2051901	2787066	9.09%	0.424%
30	8.472	917	924	935	rBV4	5159481	12945613	42.21%	1.971%
31	8.584	935	943	947	rBV	2387751	3951428	12.88%	0.602%
32	8.778	971	976	980	rBV	1491759	2320599	7.57%	0.353%
33	8.831	980	985	991	rVB	1682091	2784516	9.08%	0.424%
34	8.931	997	1002	1008	rVB	4103843	6703776	21.86%	1.021%
35	9.001	1008	1014	1018	rBV2	2080088	4686322	15.28%	0.713%
36	9.048	1018	1022	1032	rVB2	8597891	16227055	52.91%	2.470%

LSC Area Percent Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.178	1039	1044	1050	rVB4	1742441	3618368	11.80%	0.551%
38	9.266	1052	1059	1063	rBV3	1234232	2908159	9.48%	0.443%
39	9.454	1086	1091	1096	rBV2	2676436	4412233	14.39%	0.672%
40	9.513	1096	1101	1110	rVB	3156139	5819389	18.97%	0.886%
41	9.972	1174	1179	1183	rBV2	1133192	2317236	7.56%	0.353%
42	10.031	1183	1189	1196	rVV3	3101463	7683665	25.05%	1.170%
43	10.095	1196	1200	1204	rVV2	1431965	2273982	7.41%	0.346%
44	10.260	1224	1228	1234	rVB	1697576	2591966	8.45%	0.395%
45	10.495	1259	1268	1278	rBV3	2472209	5565097	18.15%	0.847%
46	10.595	1278	1285	1294	rVV2	4380318	8460863	27.59%	1.288%
47	10.683	1294	1300	1306	rVB2	3936472	7624474	24.86%	1.161%
48	11.048	1358	1362	1369	rVB	1853251	3279491	10.69%	0.499%
49	11.542	1440	1446	1453	rVB3	1193491	2284300	7.45%	0.348%
50	11.648	1459	1464	1468	rBV	1857636	2982062	9.72%	0.454%
51	12.048	1527	1532	1543	rVB	3852924	6049450	19.72%	0.921%
52	12.301	1570	1575	1581	rVB	4589201	7259116	23.67%	1.105%
53	12.519	1607	1612	1621	rVB	2806564	5075020	16.55%	0.773%
54	12.683	1635	1640	1644	rBV	1265659	2277989	7.43%	0.347%
55	13.007	1691	1695	1701	rVB	4097018	6008444	19.59%	0.915%
56	13.101	1707	1711	1719	rVB	4073312	5763484	18.79%	0.877%
57	13.307	1738	1746	1753	rBV2	7444598	15658658	51.06%	2.384%
58	13.542	1777	1786	1791	rBV	7966864	13512621	44.06%	2.057%
59	13.642	1800	1803	1806	rBV2	1805485	2927907	9.55%	0.446%
60	13.807	1825	1831	1838	rBV4	4803195	13141229	42.85%	2.001%
61	13.866	1838	1841	1849	rVV4	3115208	6967717	22.72%	1.061%
62	13.960	1849	1857	1861	rVV	7650294	12158313	39.64%	1.851%
63	14.001	1861	1864	1868	rVV2	2457586	3014186	9.83%	0.459%
64	14.077	1874	1877	1881	rVB2	2070161	2566577	8.37%	0.391%
65	14.318	1913	1918	1923	rVB3	2777817	4987482	16.26%	0.759%
66	14.377	1923	1928	1932	rBV	7544902	11209041	36.55%	1.707%
67	14.448	1937	1940	1943	rVV5	1912909	3039837	9.91%	0.463%
68	14.489	1944	1947	1952	rVB2	2912714	4235898	13.81%	0.645%
69	14.548	1953	1957	1959	rBV2	1582574	2199185	7.17%	0.335%
70	14.707	1978	1984	1993	rBV5	1080254	3313557	10.80%	0.504%
71	14.883	2009	2014	2019	rBV3	2743555	4415667	14.40%	0.672%
72	14.995	2030	2033	2041	rVB4	2066623	3615152	11.79%	0.550%
73	15.271	2075	2080	2083	rBV4	1323275	2684446	8.75%	0.409%
74	15.330	2086	2090	2094	rVB	4765569	6071950	19.80%	0.924%
75	15.495	2114	2118	2122	rBV	4122495	5772288	18.82%	0.879%
76	15.742	2155	2160	2170	rVB3	4628474	11507383	37.52%	1.752%

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

77	15.948	2191	2195	2198	rBV3	1582148	2703478	8.81%	0.412%
78	15.995	2198	2203	2211	rVB	13491411	21100411	68.80%	3.212%
79	16.107	2218	2222	2228	rBV	2873292	3895517	12.70%	0.593%
80	16.201	2233	2238	2239	rBV	7068021	8589098	28.01%	1.308%
81	16.330	2255	2260	2265	rBV	6739417	11544679	37.64%	1.758%
82	16.395	2266	2271	2276	rVV2	7950745	14881946	48.52%	2.266%
83	16.454	2276	2281	2285	rVV2	7558715	11716317	38.20%	1.784%
84	16.495	2285	2288	2291	rVV	3592888	4415997	14.40%	0.672%
85	16.542	2291	2296	2303	rVV2	16389636	30669480	100.00%	4.669%
86	16.595	2303	2305	2309	rVB2	2614213	3124510	10.19%	0.476%
87	16.648	2309	2314	2320	rVB3	4836227	9131510	29.77%	1.390%
88	16.712	2321	2325	2329	rBV	5835341	9398983	30.65%	1.431%
89	16.789	2335	2338	2344	rVB4	3925467	6589865	21.49%	1.003%
90	16.995	2369	2373	2376	rBV	4086362	5400296	17.61%	0.822%
91	17.042	2377	2381	2388	rVB	5137117	7821388	25.50%	1.191%
92	17.242	2411	2415	2419	rBV3	1490726	2748992	8.96%	0.419%
93	17.289	2420	2423	2427	rBV	2075723	3112870	10.15%	0.474%
94	17.377	2435	2438	2442	rVB	2431756	2957263	9.64%	0.450%
95	17.736	2495	2499	2504	rVB	3997501	5356751	17.47%	0.816%
96	18.436	2614	2618	2624	rBV2	2724236	4246409	13.85%	0.646%
97	18.689	2657	2661	2670	rVB4	4180336	7398816	24.12%	1.126%
98	19.242	2751	2755	2760	rVB3	5013611	8032337	26.19%	1.223%
99	19.365	2773	2776	2780	rVB	3060641	3636807	11.86%	0.554%
100	21.353	3111	3114	3123	rVB	4775260	11589826	37.79%	1.764%

Sum of corrected areas: 656833451

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Instrument :
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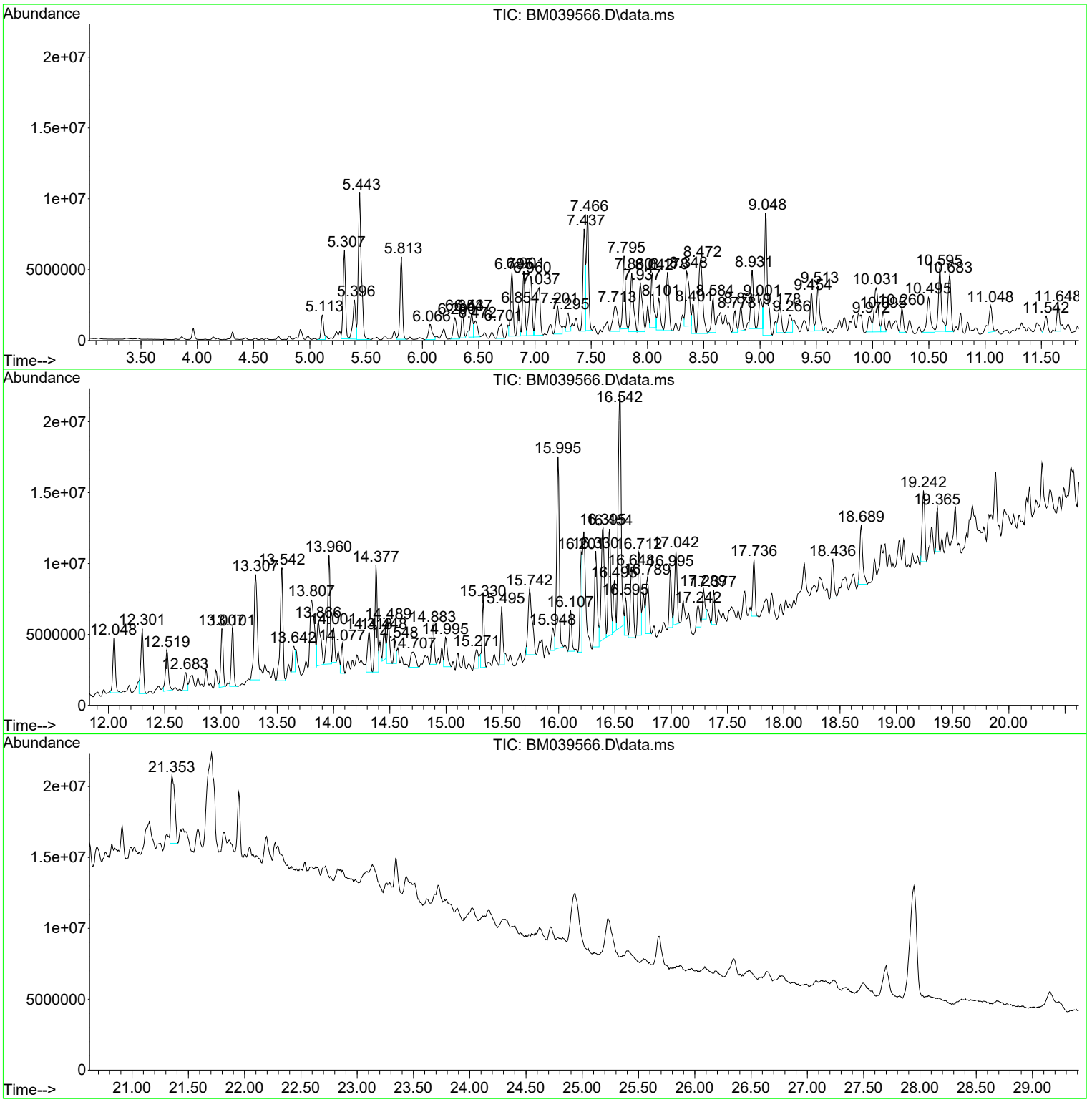
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

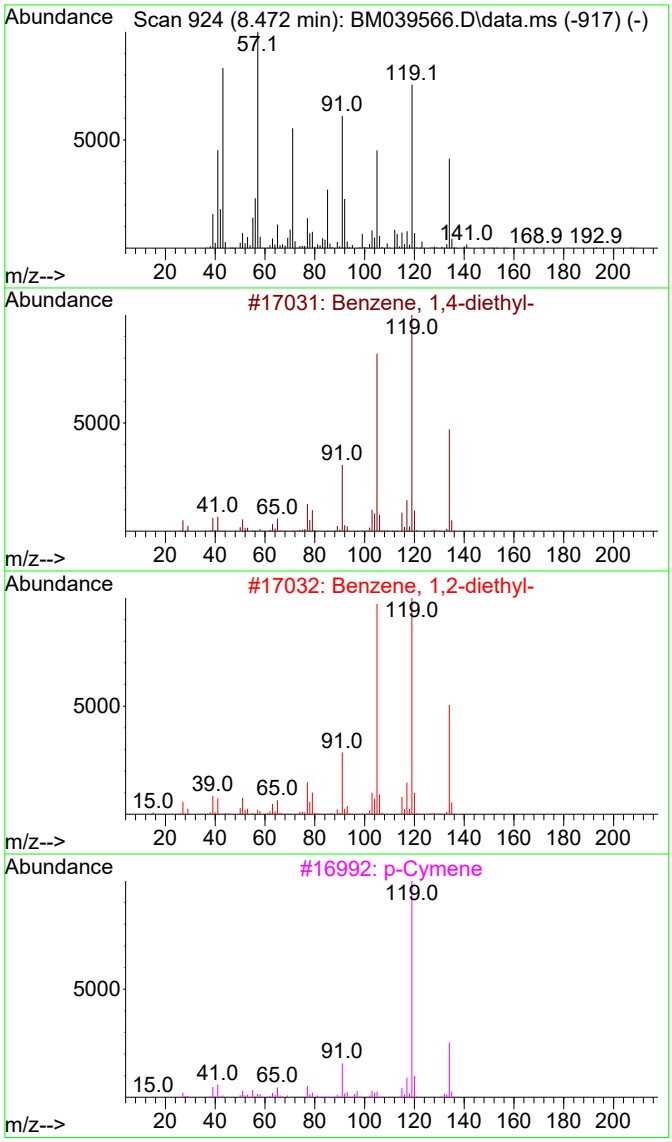
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

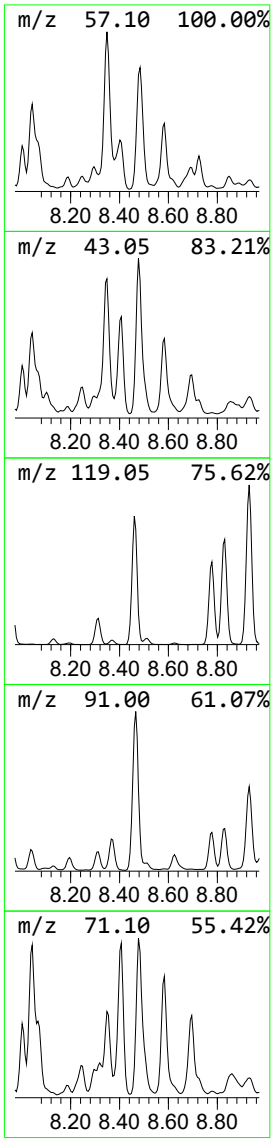
****

Peak Number 1 Benzene, 1,4-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.472	32.51 ng	12945600	1,4-Dichlorobenzene-d4	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
3	p-Cymene	134	C10H14	000099-87-6	86
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

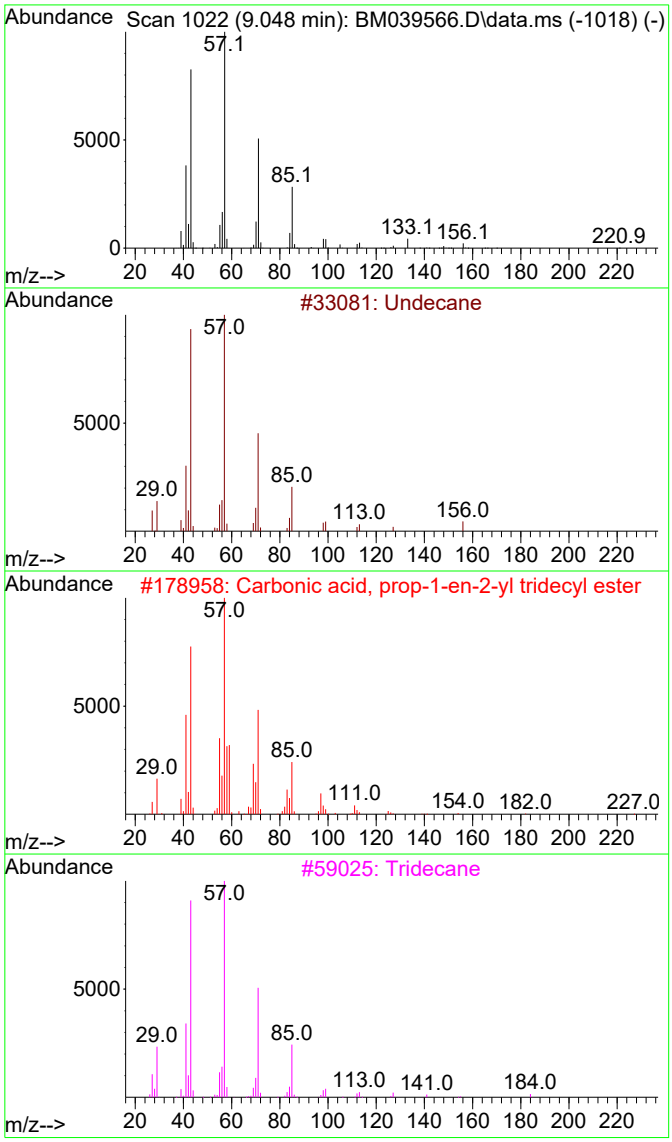
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

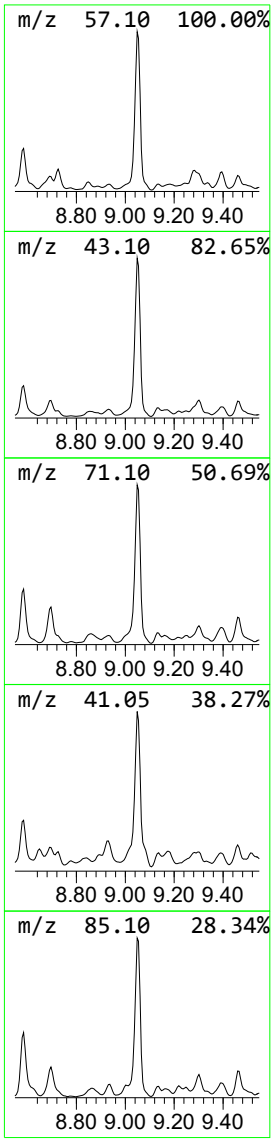
****

Peak Number 2 Undecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.048	40.75 ng	16227100	1,4-Dichlorobenzene-d4	7.825

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	87
2	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	86
3	Tridecane	184	C13H28	000629-50-5	80
4	Tetradecane	198	C14H30	000629-59-4	78
5	Hexadecane	226	C16H34	000544-76-3	78





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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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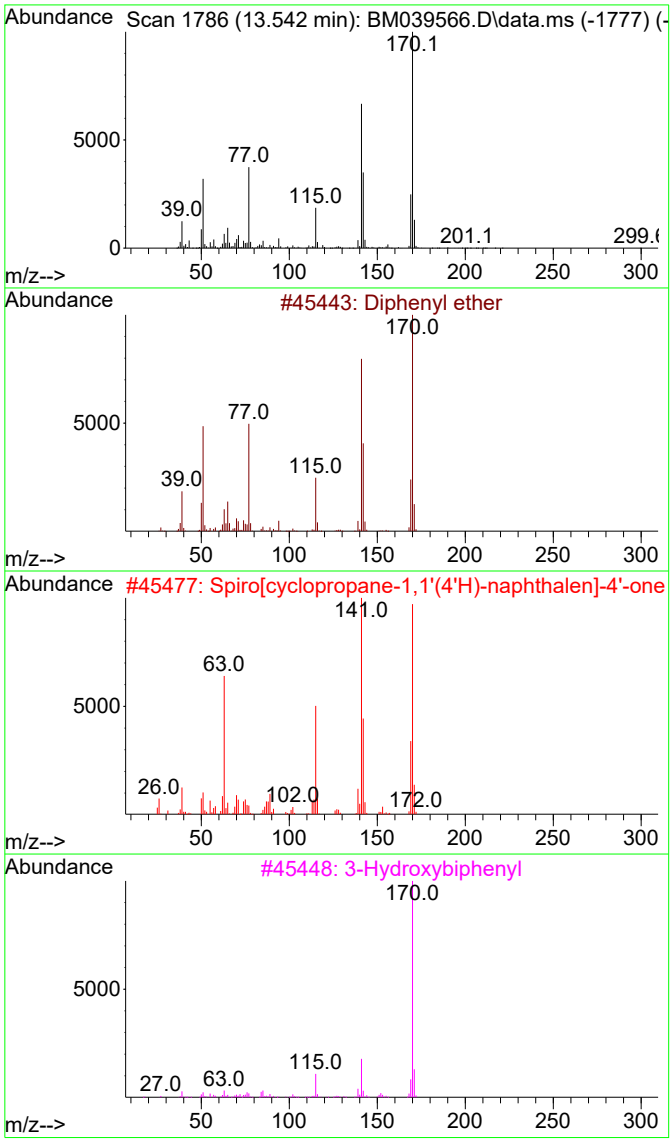
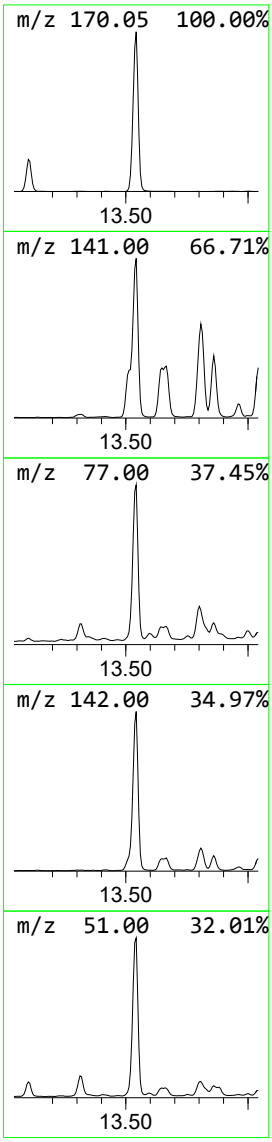
Peak Number 3 Diphenyl ether Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.542	63.80 ng	13512600	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	96
2	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	74
3	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	50
4	2-Troponyl difluoroborate	170	C7H5BF2O2	022502-10-9	47
5	Pyrimidine, 5-methyl-2-phenyl-	170	C11H10N2	1000337-08-9	43





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.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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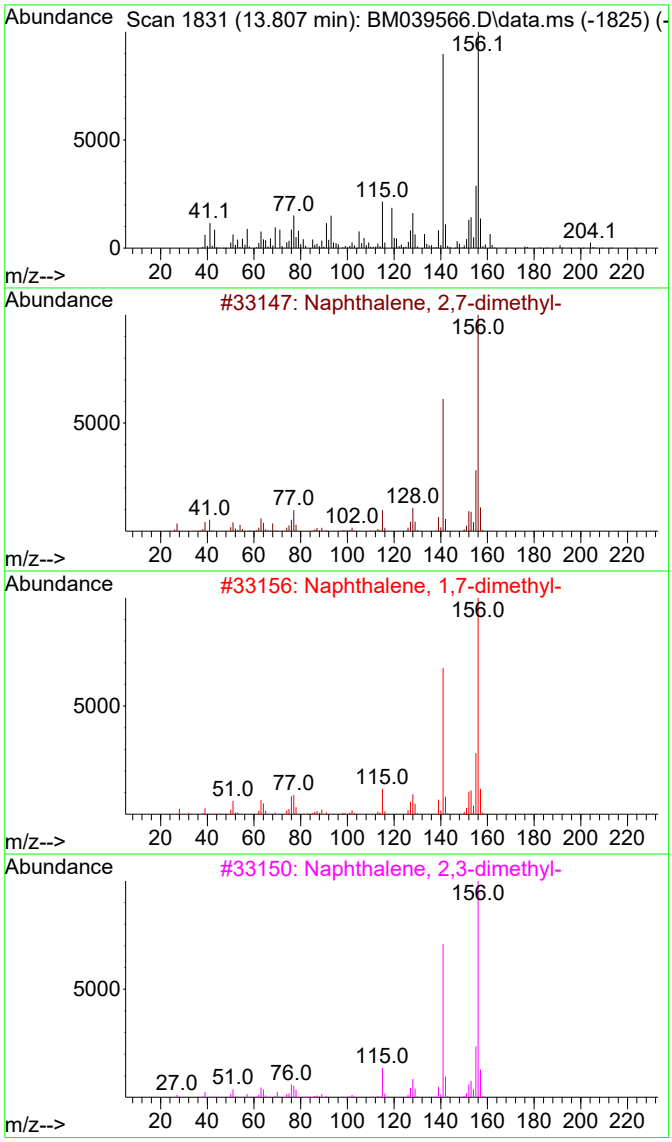
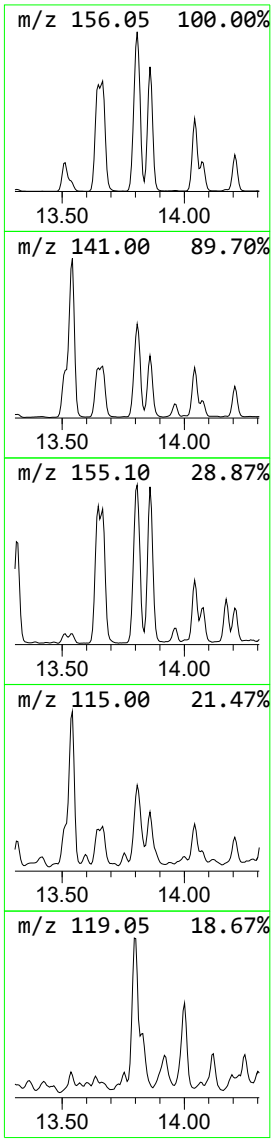
Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.807	62.05 ng	13141200	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Data File : BM039566.D
Acq On : 22 Apr 2023 00:05
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Sample : 02386-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.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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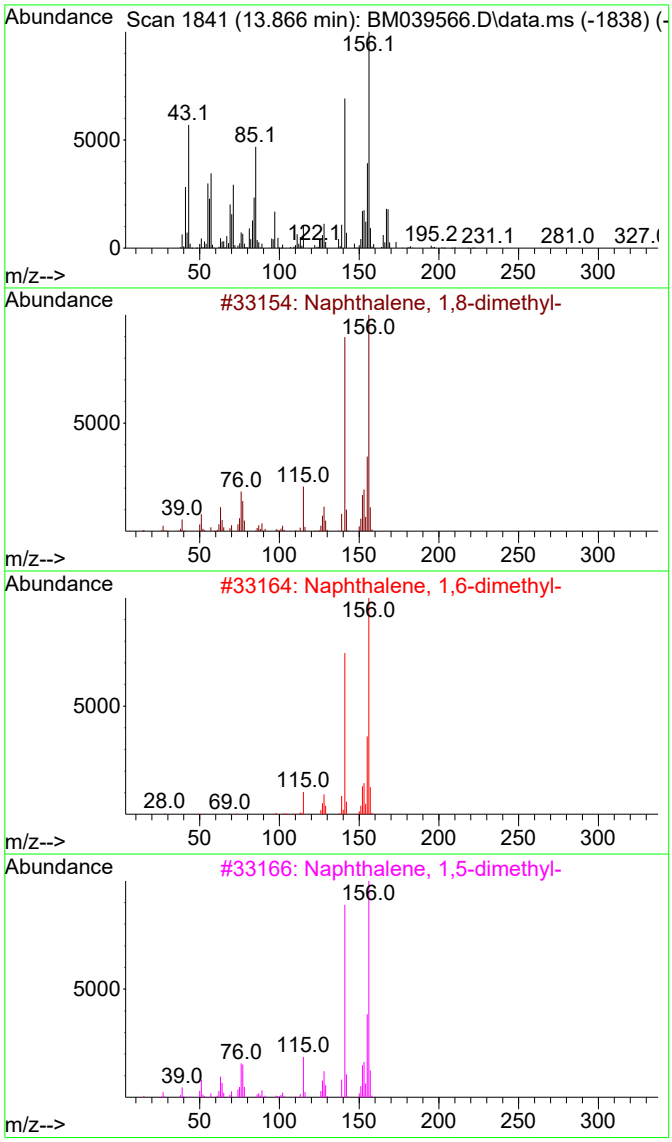
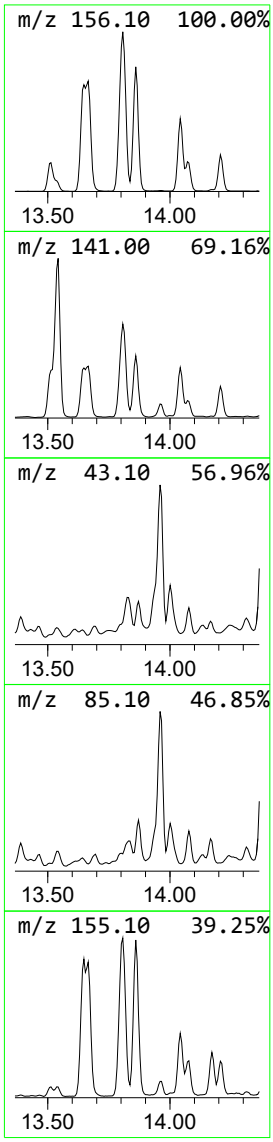
Peak Number 5 Naphthalene, 1,8-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.866	32.90 ng	6967720	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	91
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	70
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	64
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	64
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	60





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Acq On : 22 Apr 2023 00:05
Operator : CG/JU
Sample : 02386-07
Misc :
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Instrument :
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ClientSampleId :
SPA-2WC-23-04

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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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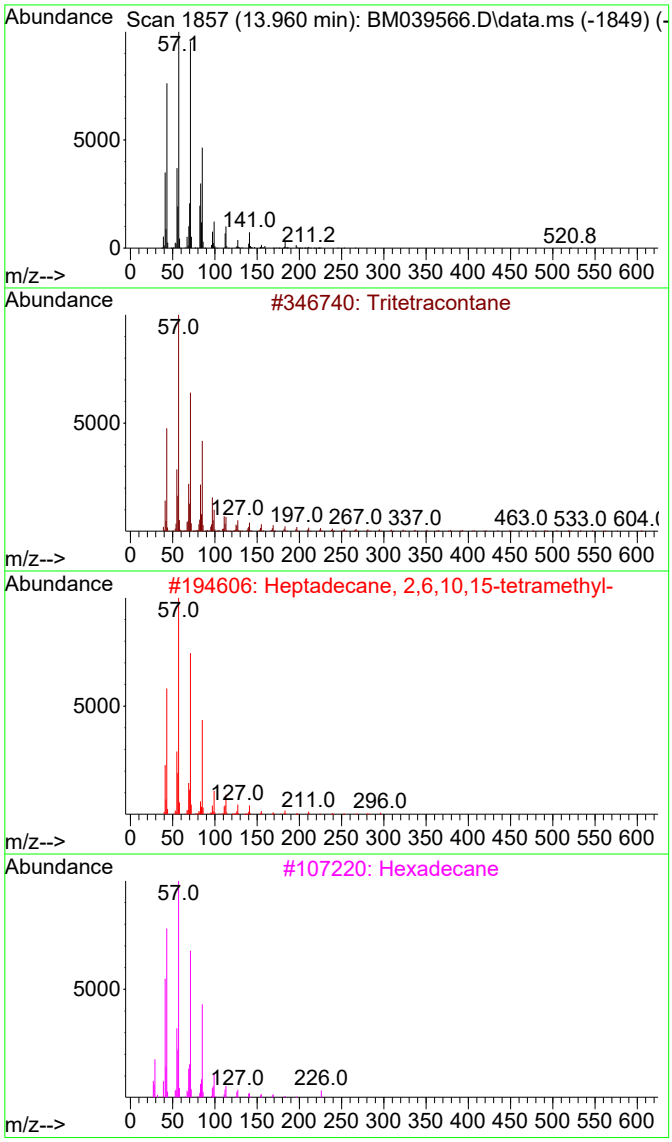
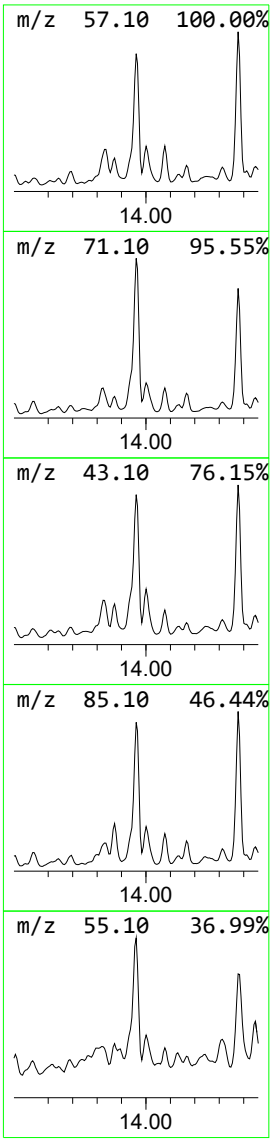
Peak Number 6 Tritetracontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.960	57.41 ng	12158300	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	80
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
3	Hexadecane	226	C16H34	000544-76-3	64
4	Decane, 5-propyl-	184	C13H28	017312-62-8	58
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	55





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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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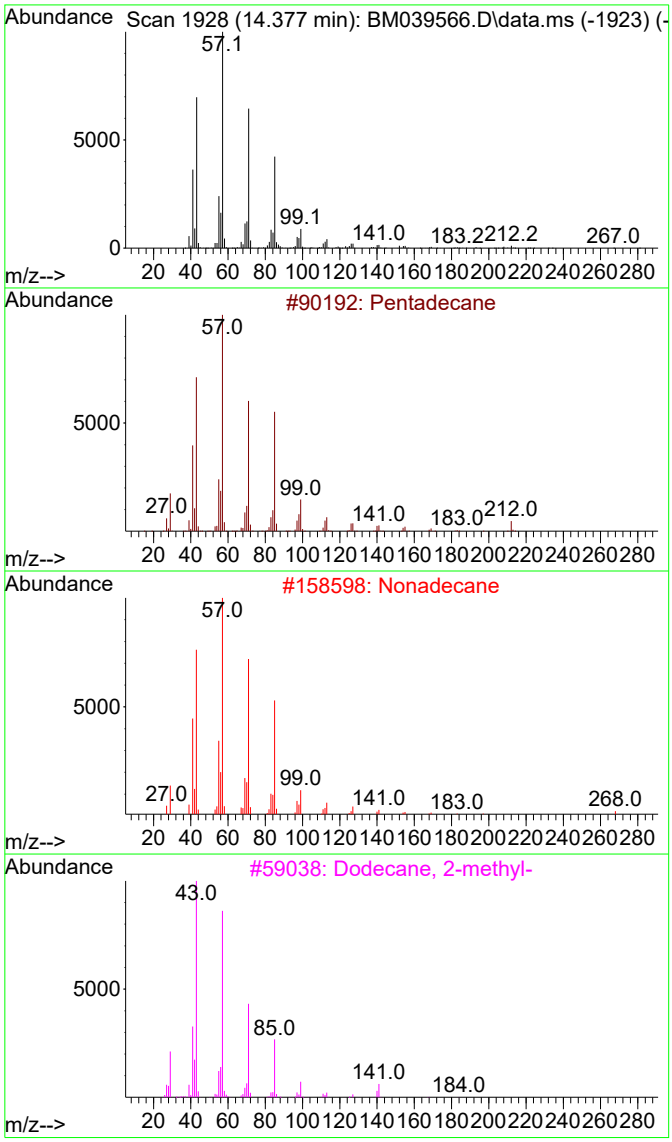
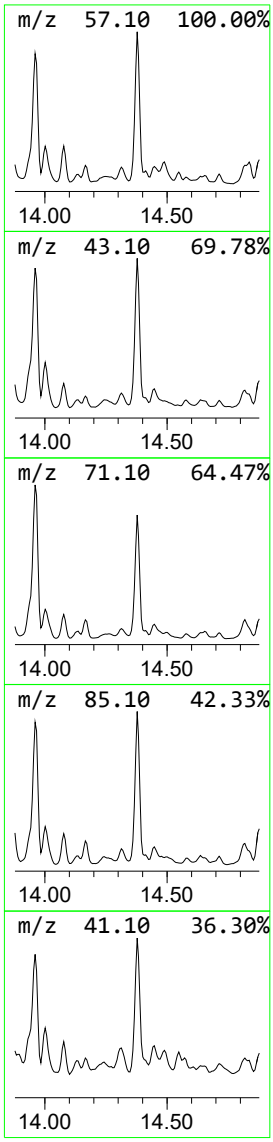
Peak Number 7 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.377	52.92 ng	11209000	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Nonadecane	268	C19H40	000629-92-5	91
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
4	Tetradecane	198	C14H30	000629-59-4	72
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





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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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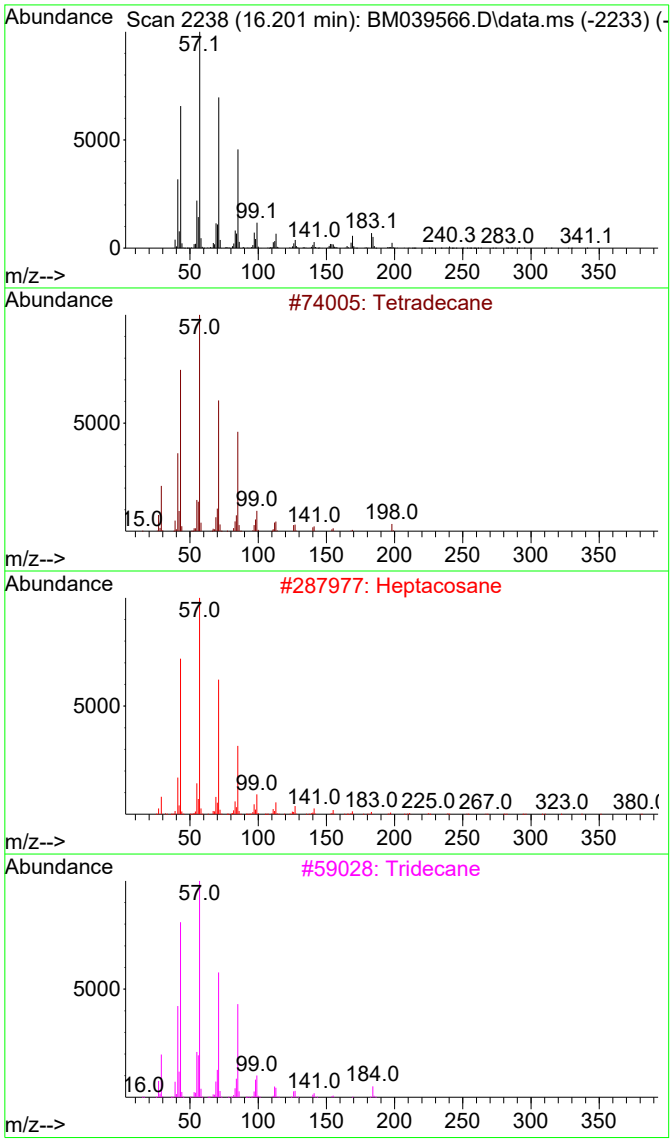
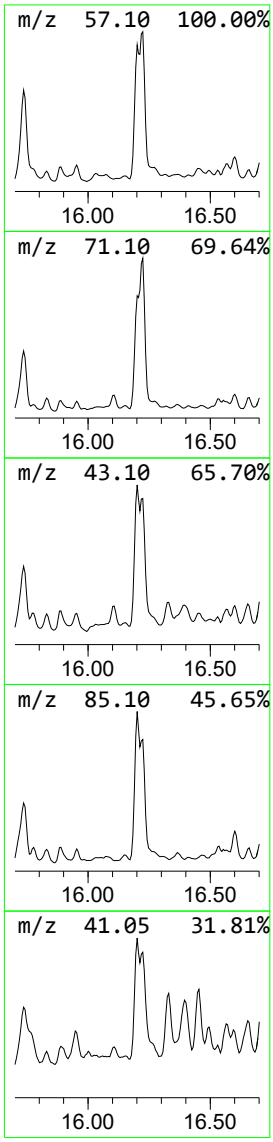
Peak Number 8 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.201	62.49 ng	8589100	Phenanthrene-d10	17.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Heptacosane	380	C27H56	000593-49-7	87
3	Tridecane	184	C13H28	000629-50-5	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Nonadecane	268	C19H40	000629-92-5	86





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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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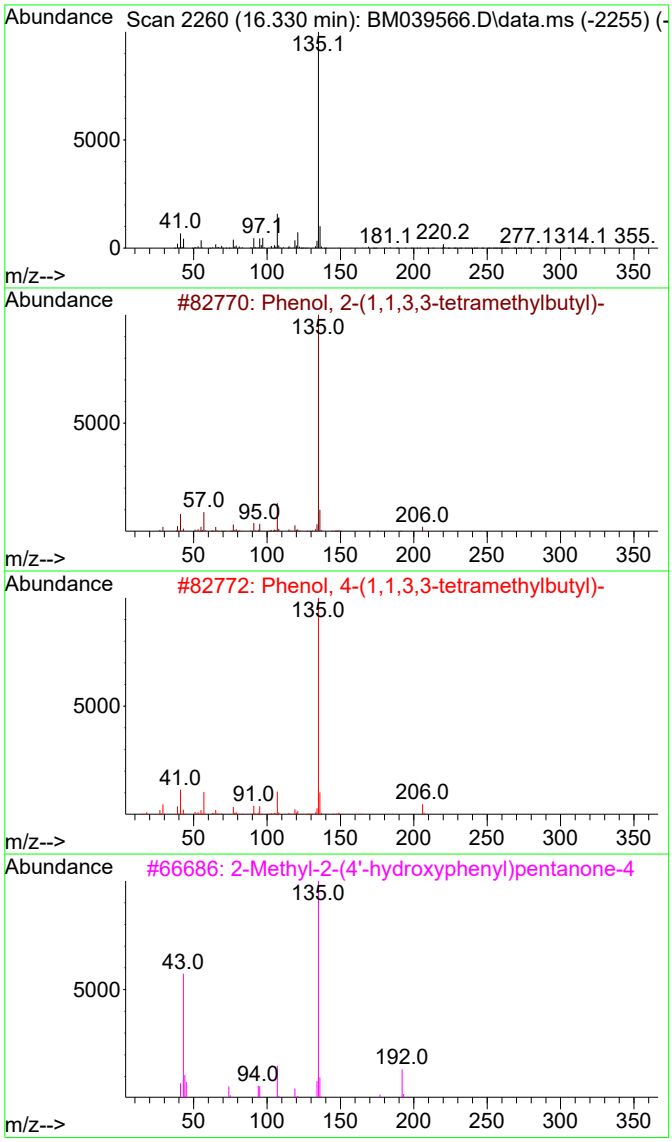
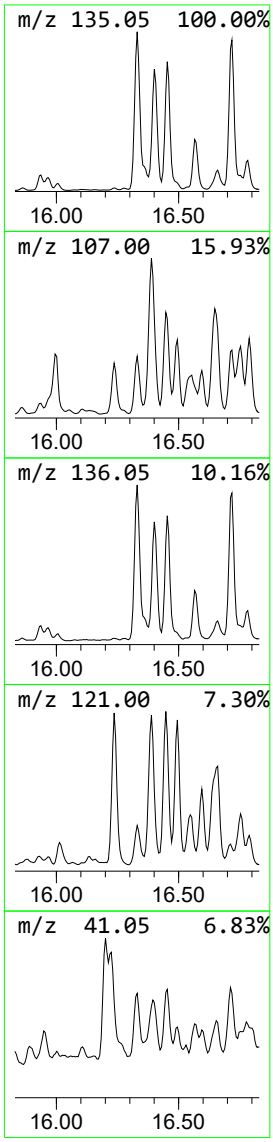
Peak Number 9 Phenol, 2-(1,1,3,3-tetramet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.330	83.99 ng	11544700	Phenanthrene-d10	17.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	80
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	2-Methyl-2-(4'-hydroxyphenyl)pen...	192	C12H16O2	070205-18-4	72
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
5	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	72





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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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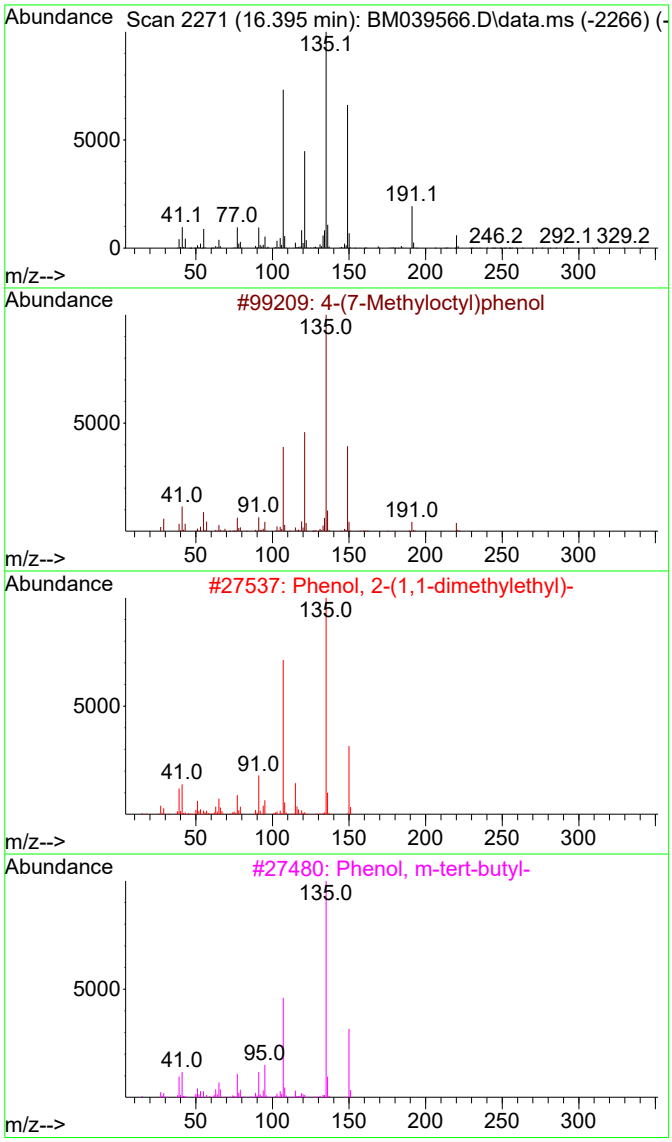
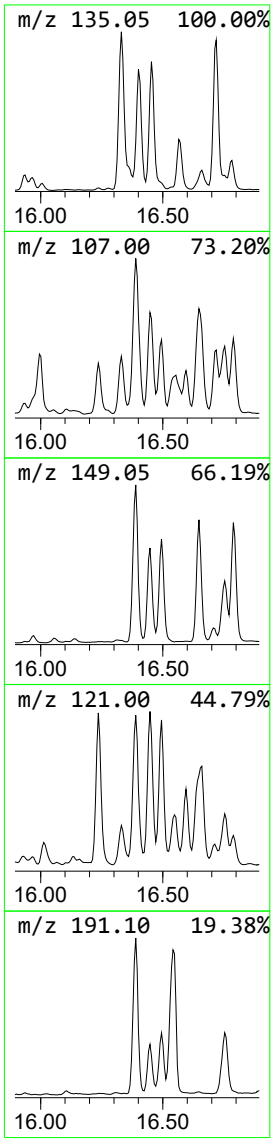
Peak Number 10 4-(7-Methyloctyl)phenol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.395	108.27 ng	14881900	Phenanthrene-d10	17.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	91
2	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	52
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	52
4	4,4'-(1,2-diethylethylene)diphenol	270	C18H22O2	005635-50-7	50
5	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	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

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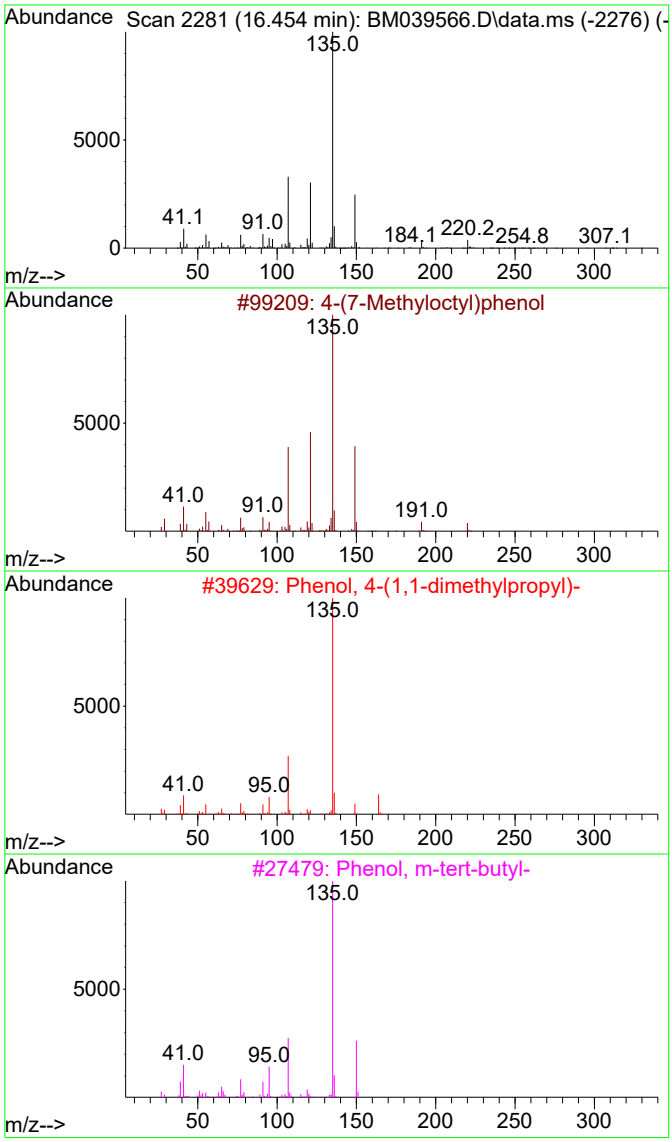
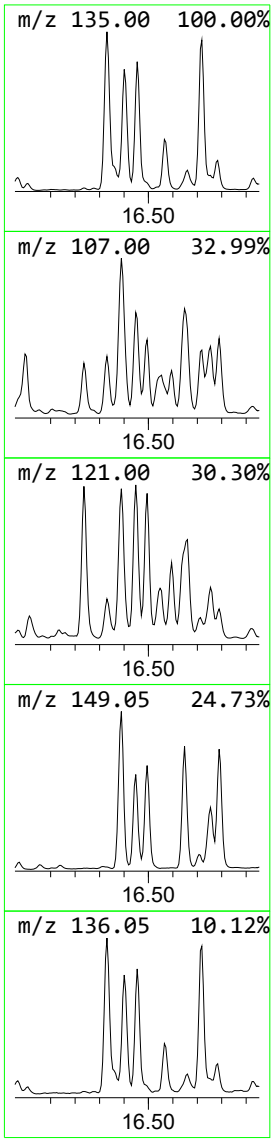
Peak Number 11 Phenol, 4-(1,1-dimethylprop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.454	85.24 ng	11716300	Phenanthrene-d10	17.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	98
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	58
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	53
5	Hexestrol	270	C18H22O2	000084-16-2	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

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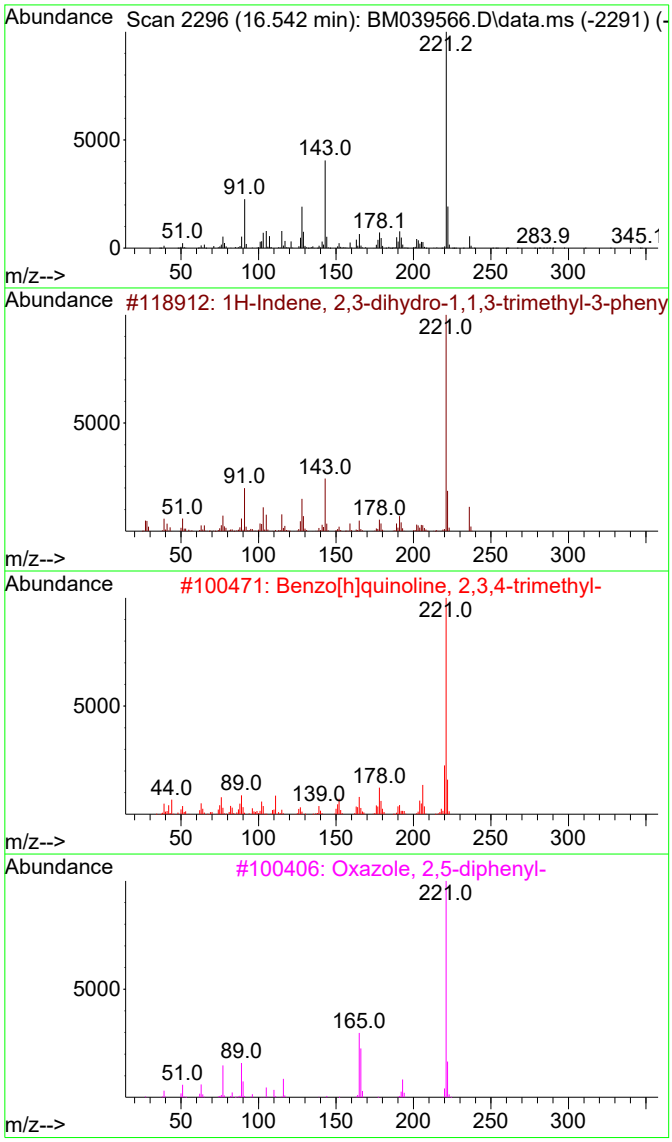
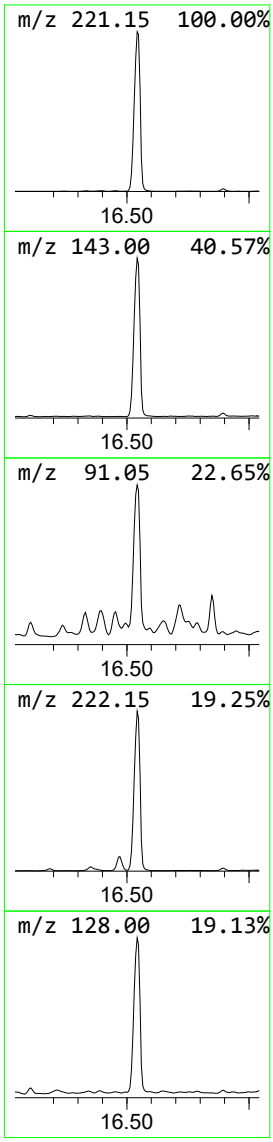
Peak Number 12 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.542	223.13 ng	30669500	Phenanthrene-d10	17.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	95
2	Benzo[h]quinoline, 2,3,4-trimethyl-	221	C16H15N	063042-66-0	46
3	Oxazole, 2,5-diphenyl-	221	C15H11NO	000092-71-7	43
4	1-(2-Hydroxy-4,5-dimethylphenyl)...	236	C13H20O2Si	1000484-73-7	43
5	Benz[j]isoquinoline, 3,6,8-trime...	221	C16H15N	061171-16-2	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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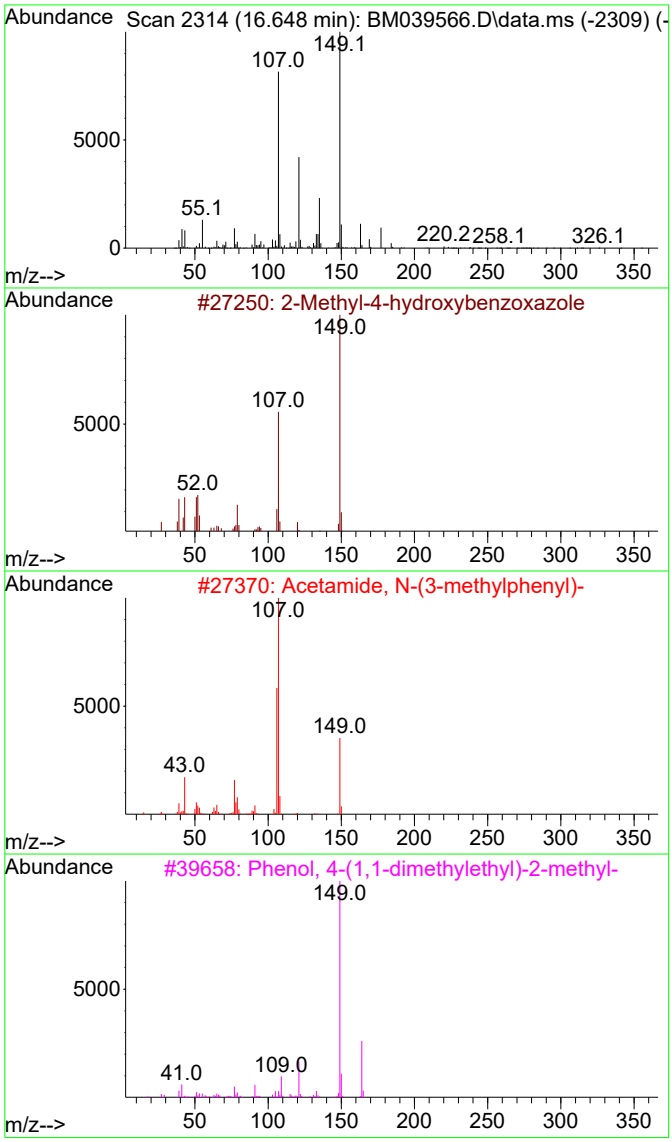
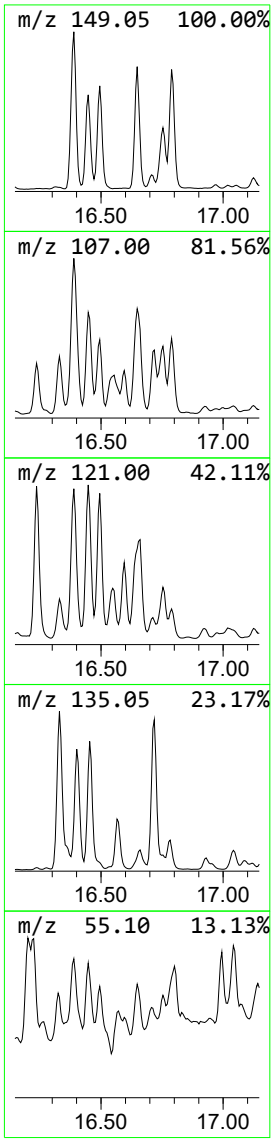
Peak Number 13 2-Methyl-4-hydroxybenzoxazole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.648	66.44 ng	9131510	Phenanthrene-d10	17.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	59
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
3	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	38
4	3,4-(methylenedioxy)-phenylbutan...	192	C11H12O3	1000378-99-2	35
5	Phenol, 4-(2-methylpropyl)-	150	C10H14O	004167-74-2	30





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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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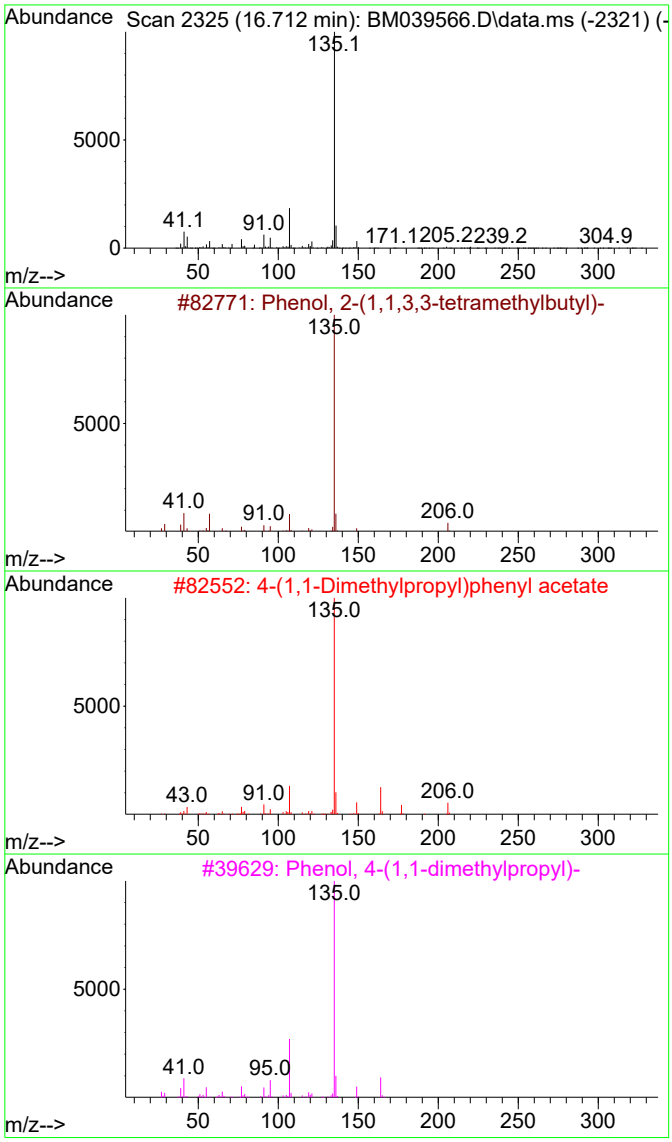
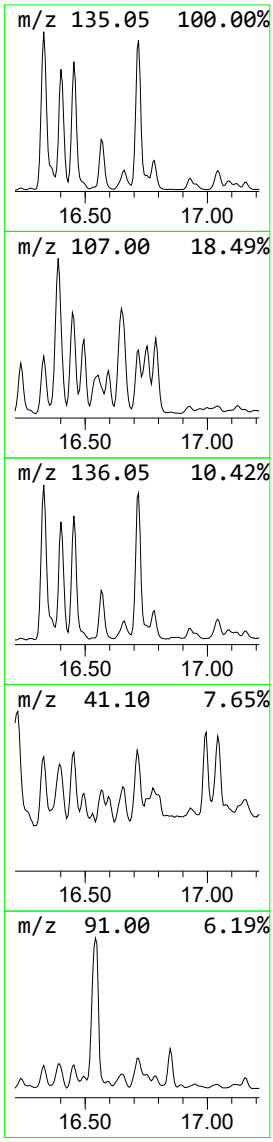
Peak Number 14 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.712	68.38 ng	9398980	Phenanthrene-d10	17.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	83
2	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	83
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
5	4-tert-Butylphenol, O-(n-propylo...	236	C14H20O3	1000487-25-4	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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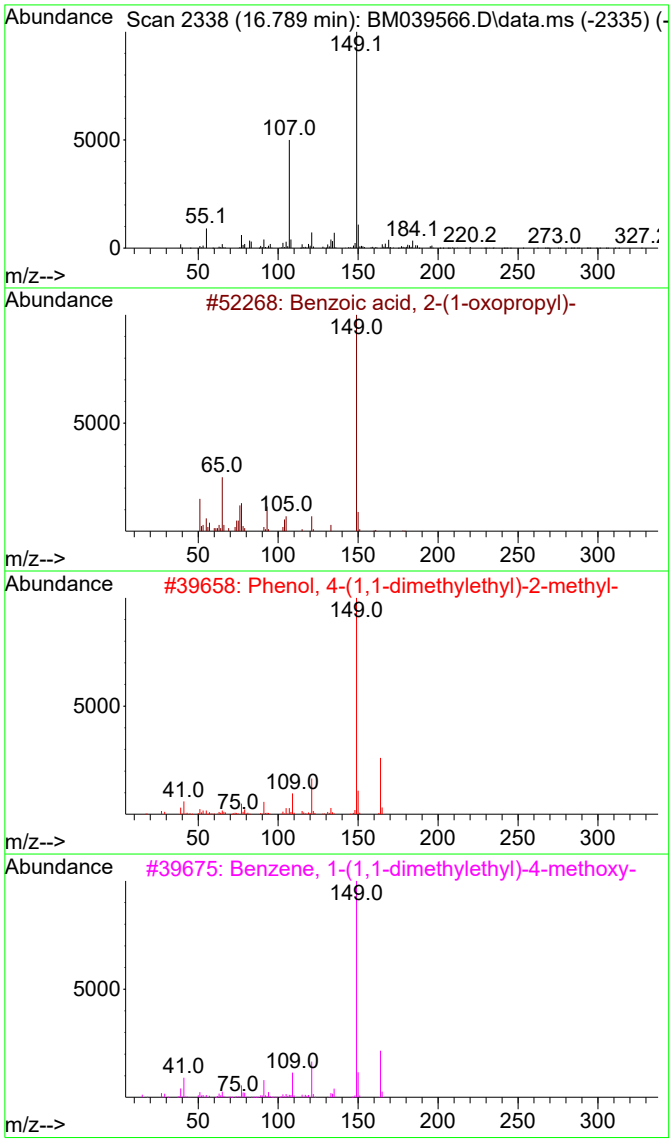
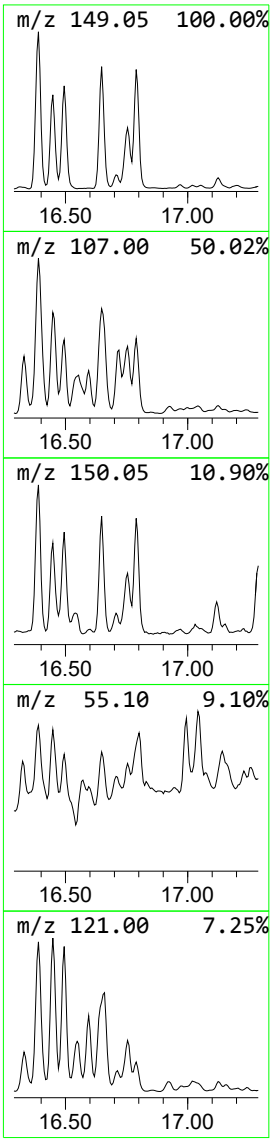
Peak Number 15 unknown16.789 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.789	47.94 ng	6589870	Phenanthrene-d10	17.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-(1-oxopropyl)-	178	C10H10O3	002360-45-4	47
2	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	47
3	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	40
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	40
5	Benzene, 1-isocyanato-4-methoxy-	149	C8H7NO2	005416-93-3	40





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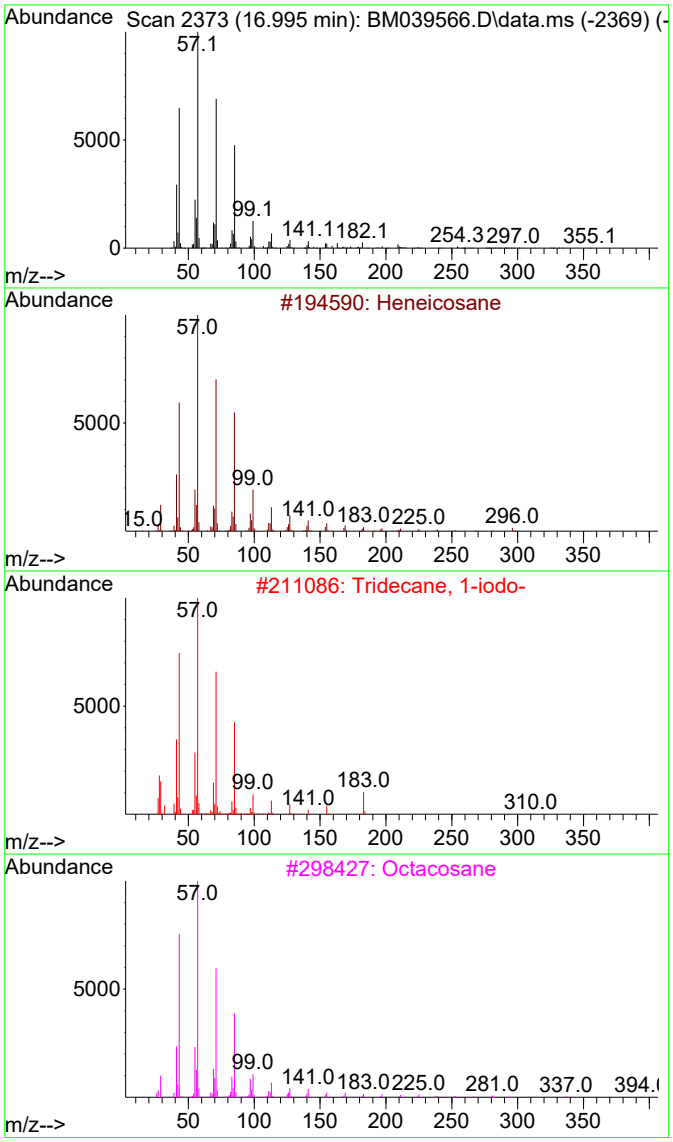
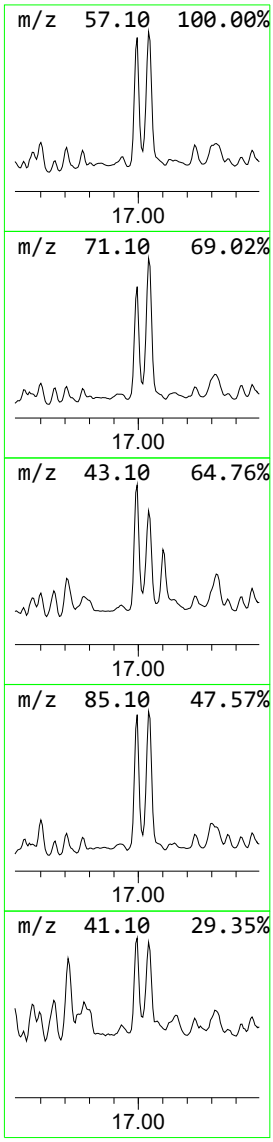
Peak Number 16 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.995	39.29 ng	5400300	Phenanthrene-d10	17.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tetradecane	198	C14H30	000629-59-4	87





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Data File : BM039566.D
Acq On : 22 Apr 2023 00:05
Operator : CG/JU
Sample : 02386-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.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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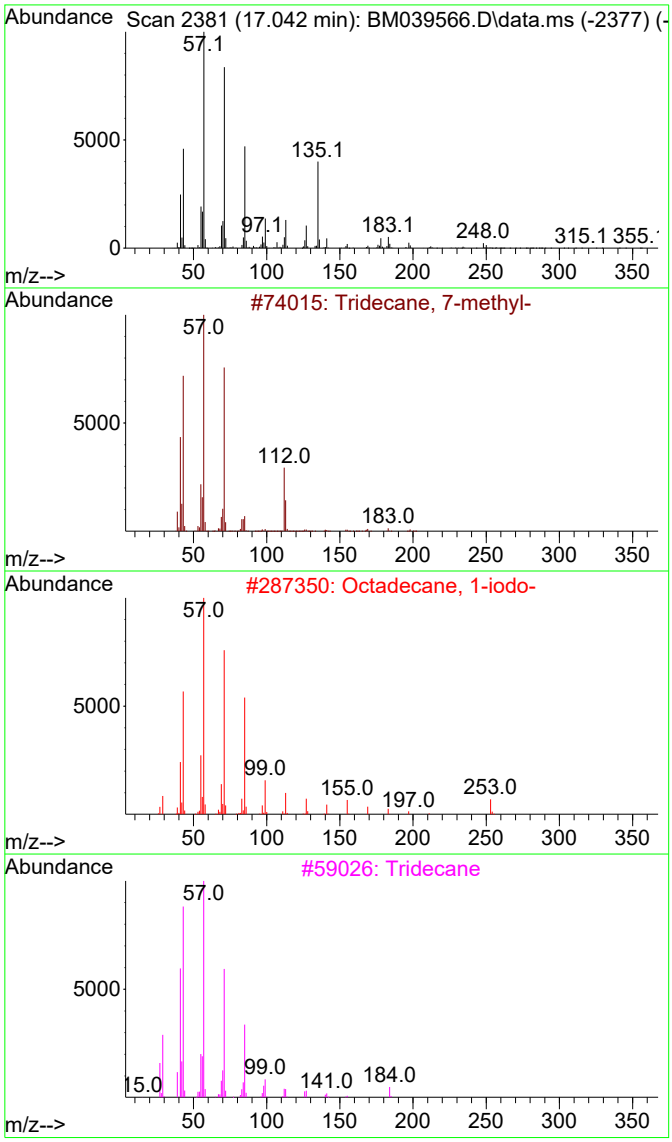
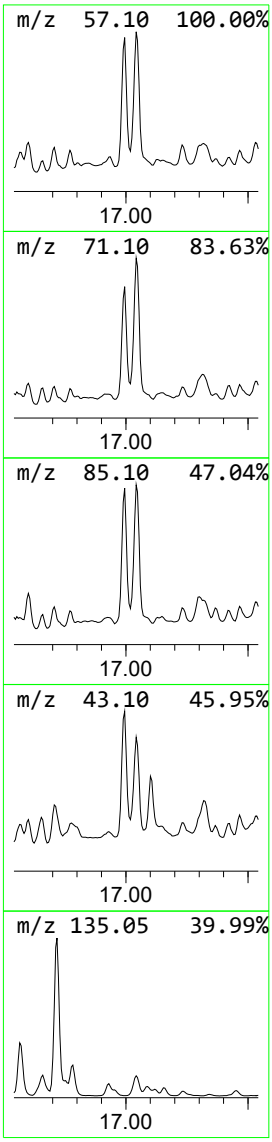
Peak Number 17 Tridecane, 7-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.042	56.90 ng	7821390	Phenanthrene-d10	17.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	70
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
3	Tridecane	184	C13H28	000629-50-5	64
4	Heptadecane	240	C17H36	000629-78-7	64
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	64





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Data File : BM039566.D
Acq On : 22 Apr 2023 00:05
Operator : CG/JU
Sample : 02386-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.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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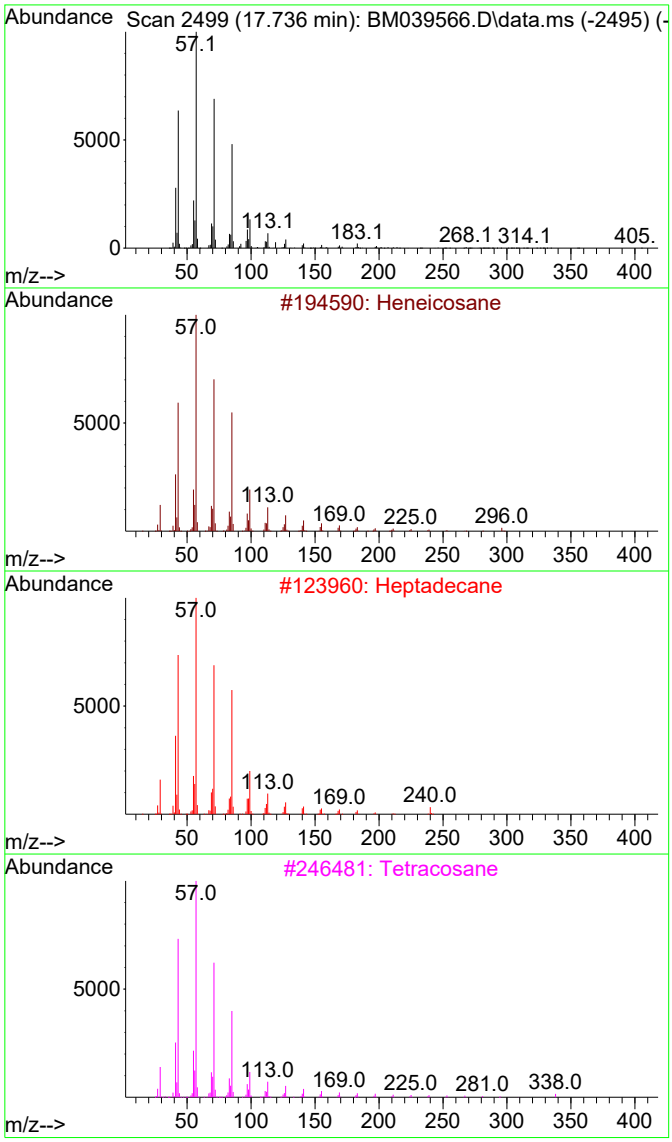
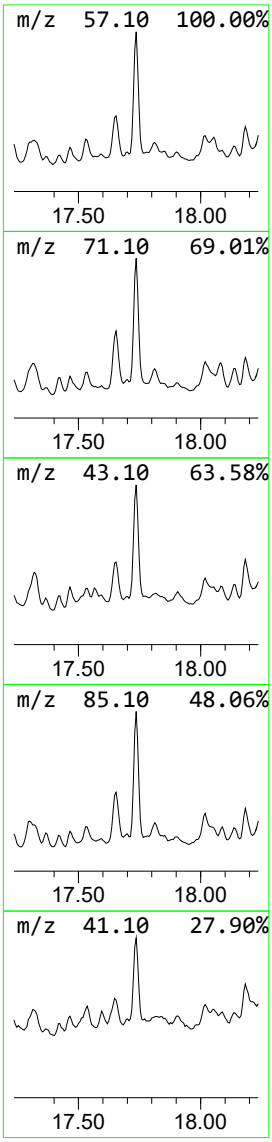
Peak Number 18 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.736	38.97 ng	5356750	Phenanthrene-d10	17.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Pentadecane	212	C15H32	000629-62-9	90





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Data File : BM039566.D
Acq On : 22 Apr 2023 00:05
Operator : CG/JU
Sample : 02386-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.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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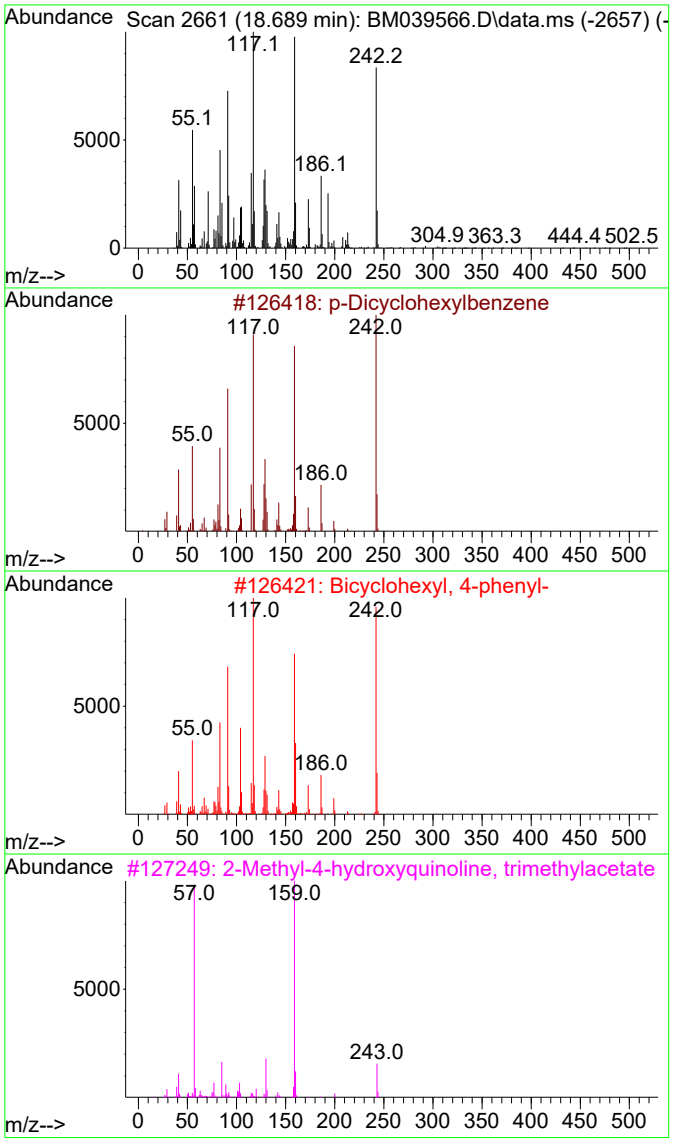
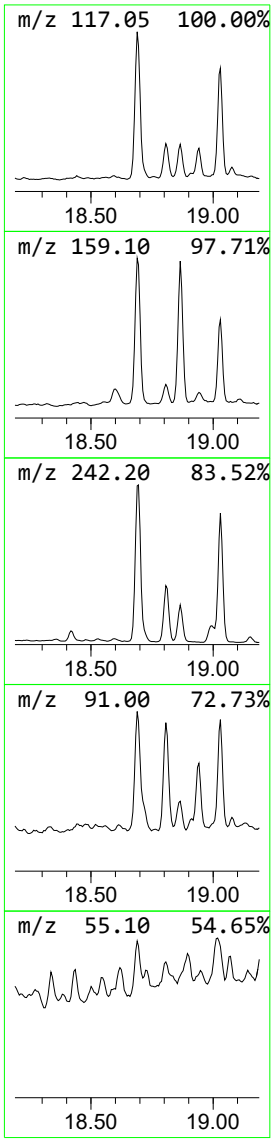
Peak Number 19 p-Dicyclohexylbenzene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.689	53.83 ng	7398820	Phenanthrene-d10	17.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Dicyclohexylbenzene	242	C18H26	001087-02-1	93
2	Bicyclohexyl, 4-phenyl-	242	C18H26	020273-27-2	83
3	2-Methyl-4-hydroxyquinoline, tri...	243	C15H17NO2	1318249-15-8	18
4	8-Quinolinol, 2-methyl-	159	C10H9NO	000826-81-3	14
5	2(1H)-Quinolinone, 1-methyl-	159	C10H9NO	000606-43-9	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
Data File : BM039566.D
Acq On : 22 Apr 2023 00:05
Operator : CG/JU
Sample : 02386-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.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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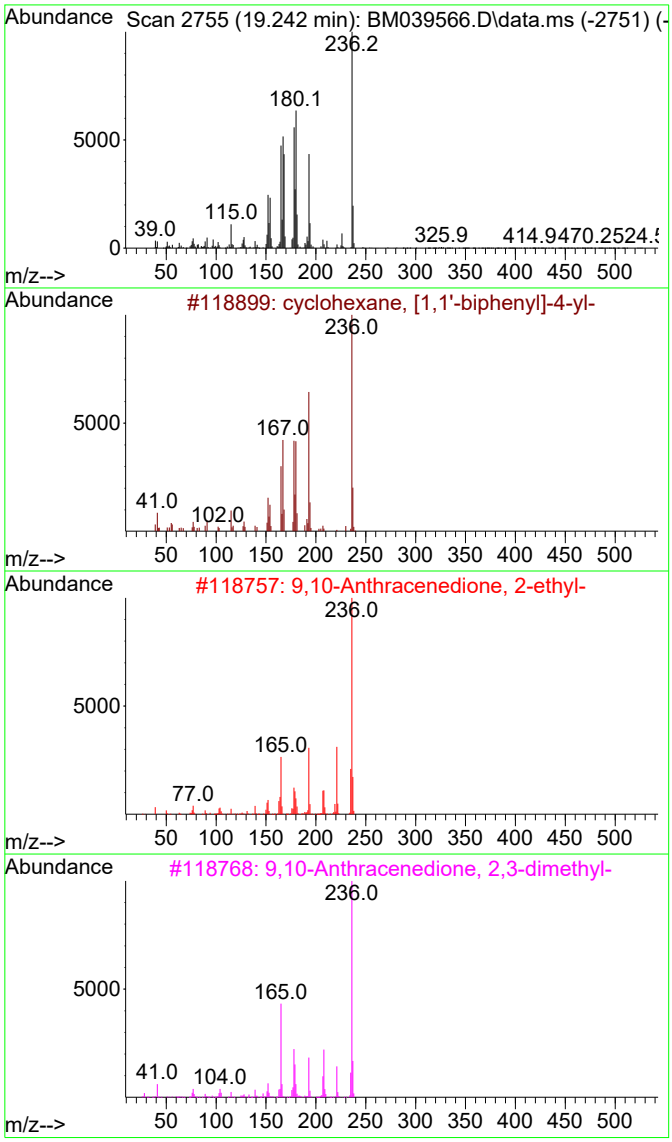
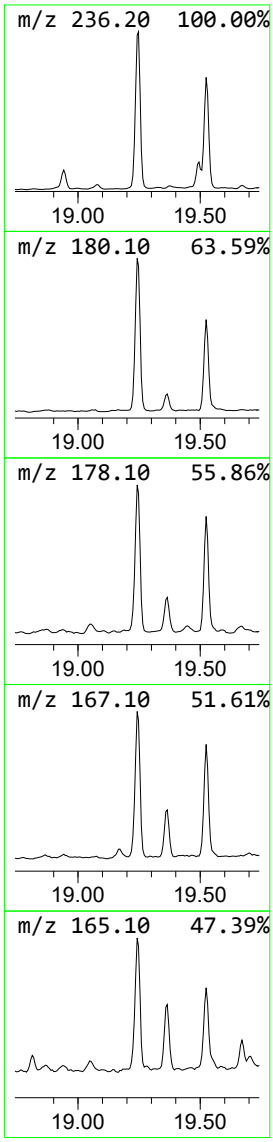
Peak Number 20 cyclohexane, [1,1'-biphenyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.242	58.44 ng	8032340	Phenanthrene-d10	17.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cyclohexane, [1,1'-biphenyl]-4-yl-	236	C18H20	1000401-12-4	90
2	9,10-Anthracenedione, 2-ethyl-	236	C16H12O2	000084-51-5	46
3	9,10-Anthracenedione, 2,3-dimethyl-	236	C16H12O2	006531-35-7	38
4	9,10-Anthracenedione, 2,7-dimethyl-	236	C16H12O2	003286-01-9	35
5	Benzeneacetamide, .alpha.-phenyl-	211	C14H13NO	004695-13-0	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
Data File : BM039566.D
Acq On : 22 Apr 2023 00:05
Operator : CG/JU
Sample : 02386-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SPA-2WC-23-04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.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, 1,4-di...	8.472	32.5	ng	12945600	1	7.825	7964890	20.0
Undecane	9.048	40.8	ng	16227100	1	7.825	7964890	20.0
Diphenyl ether	13.542	63.8	ng	13512600	3	14.483	4235900	20.0
Naphthalene, 2,...	13.807	62.0	ng	13141200	3	14.483	4235900	20.0
Naphthalene, 1,...	13.866	32.9	ng	6967720	3	14.483	4235900	20.0
Tritetracontane	13.960	57.4	ng	12158300	3	14.483	4235900	20.0
Pentadecane	14.377	52.9	ng	11209000	3	14.483	4235900	20.0
Tetradecane	16.201	62.5	ng	8589100	4	17.248	2748990	20.0
Phenol, 2-(1,1,...	16.330	84.0	ng	11544700	4	17.248	2748990	20.0
4-(7-Methylocty...	16.395	108.3	ng	14881900	4	17.248	2748990	20.0
Phenol, 4-(1,1-...	16.454	85.2	ng	11716300	4	17.248	2748990	20.0
1H-Indene, 2,3-...	16.542	223.1	ng	30669500	4	17.248	2748990	20.0
2-Methyl-4-hydr...	16.648	66.4	ng	9131510	4	17.248	2748990	20.0
4-(1,1-Dimethyl...	16.712	68.4	ng	9398980	4	17.248	2748990	20.0
unknown16.789	16.789	47.9	ng	6589870	4	17.248	2748990	20.0
Heneicosane	16.995	39.3	ng	5400300	4	17.248	2748990	20.0
Tridecane, 7-me...	17.042	56.9	ng	7821390	4	17.248	2748990	20.0
Heptadecane	17.736	39.0	ng	5356750	4	17.248	2748990	20.0
p-Dicyclohexylb...	18.689	53.8	ng	7398820	4	17.248	2748990	20.0
cyclohexane, [1...	19.242	58.4	ng	8032340	4	17.248	2748990	20.0