LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
Data File : BM020224.D
Acq On : 09 May 2019 19:15
Operator : JU/SJ
Sample : K2645-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PL-02-050719-E

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-BM043019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.357	397	403	412	rBV	411312	620412	8.24%	1.219%
2	6.940	666	672	684	rBV	364880	641933	8.53%	1.261%
3	7.304	728	734	744	rBV	409268	684140	9.09%	1.344%
4	7.775	808	814	828	rBV	458718	747810	9.93%	1.469%
5	8.092	862	868	875	rBV	326148	518316	6.88%	1.019%
6	8.945	1004	1013	1021	rBV	226548	422979	5.62%	0.831%
7	10.569	1283	1289	1295	rBV	541738	909787	12.08%	1.788%
8	12.457	1603	1610	1619	rVB2	44196	91174	1.21%	0.179%
9	13.039	1702	1709	1718	rBV	528532	791672	10.51%	1.556%
10	13.739	1823	1828	1833	rBV3	52085	90005	1.20%	0.177%
11	13.880	1847	1852	1856	rVB2	86204	126546	1.68%	0.249%
12	14.145	1891	1897	1902	rBV	141026	230546	3.06%	0.453%
13	14.298	1919	1923	1929	rVB	68772	104404	1.39%	0.205%
14	14.422	1932	1944	1950	rBV2	776471	1270169	16.87%	2.496%
15	14.486	1950	1955	1961	rVB	102509	170183	2.26%	0.334%
16	14.821	2007	2012	2016	rVB2	87316	136888	1.82%	0.269%
17	15.251	2081	2085	2089	rBV	116521	155926	2.07%	0.306%
18	15.469	2116	2122	2134	rBV	195077	341408	4.53%	0.671%
19	15.757	2168	2171	2178	rVB3	51078	81094	1.08%	0.159%
20	15.910	2193	2197	2205	rVB	471315	700137	9.30%	1.376%
21	16.116	2228	2232	2248	rVB2	173065	389261	5.17%	0.765%
22	16.910	2363	2367	2371	rVV	166595	205528	2.73%	0.404%
23	16.957	2371	2375	2378	rVV2	83588	132490	1.76%	0.260%
24	16.992	2378	2381	2387	rVB	113119	168238	2.23%	0.331%
25	17.168	2405	2411	2415	rBV	1017872	1494343	19.85%	2.936%
26	17.210	2415	2418	2424	rVB	1356990	1859682	24.70%	3.654%
27	17.304	2429	2434	2439	rVV	384079	523153	6.95%	1.028%
28	17.574	2476	2480	2487	rVB	92647	173293	2.30%	0.341%
29	17.645	2488	2492	2496	rBV	168568	195757	2.60%	0.385%
30	17.827	2518	2523	2530	rBV	1493840	1789102	23.76%	3.516%
31	18.051	2555	2561	2564	rBV2	353814	561835	7.46%	1.104%
32	18.092	2564	2568	2574	rVB	286458	406049	5.39%	0.798%
33	18.174	2578	2582	2587	rVB	105880	155915	2.07%	0.306%
34	18.239	2587	2593	2597	rBV4	339612	626311	8.32%	1.231%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
Data File : BM020224.D
Acq On : 09 May 2019 19:15
Operator : JU/SJ
Sample : K2645-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PL-02-050719-E

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-BM043019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.339	2606	2610	2615	rBV	158765	209534	2.78%	0.412%
36	18.545	2641	2645	2649	rBV	141280	171828	2.28%	0.338%
37	18.592	2650	2653	2658	rVB3	85395	124674	1.66%	0.245%
38	18.974	2712	2718	2720	rBV	4000419	4691095	62.30%	9.218%
39	19.004	2720	2723	2735	rVB2	5682980	7529878	100.00%	14.796%
40	19.139	2742	2746	2751	rVB	782975	941906	12.51%	1.851%
41	19.227	2756	2761	2767	rVB	2140437	3124081	41.49%	6.139%
42	19.380	2784	2787	2790	rBV	70851	82340	1.09%	0.162%
43	19.509	2806	2809	2813	rVB2	176539	220115	2.92%	0.433%
44	19.556	2813	2817	2820	rBV2	384889	591748	7.86%	1.163%
45	19.592	2820	2823	2831	rVV	1842314	2559470	33.99%	5.029%
46	19.662	2832	2835	2840	rVV3	99639	138333	1.84%	0.272%
47	19.792	2853	2857	2861	rVB	793566	983412	13.06%	1.932%
48	20.003	2890	2893	2896	rBV3	125349	140282	1.86%	0.276%
49	20.092	2905	2908	2912	rVB	360856	444195	5.90%	0.873%
50	20.127	2912	2914	2921	rVB7	207565	292341	3.88%	0.574%
51	20.186	2921	2924	2928	rBV	270999	335839	4.46%	0.660%
52	20.239	2929	2933	2938	rBV3	302505	487671	6.48%	0.958%
53	20.403	2955	2961	2964	rBV2	227162	460479	6.12%	0.905%
54	21.050	3067	3071	3074	rBV2	211299	304682	4.05%	0.599%
55	21.350	3116	3122	3127	rBV2	1815978	3826087	50.81%	7.518%
56	21.392	3127	3129	3136	rVB	1029988	1222790	16.24%	2.403%
57	22.956	3391	3395	3400	rBV	649321	1352386	17.96%	2.657%
58	23.550	3491	3496	3503	rVB	863001	1567514	20.82%	3.080%
59	23.650	3508	3513	3518	rVV	892989	1570870	20.86%	3.087%

Sum of corrected areas: 50890036

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
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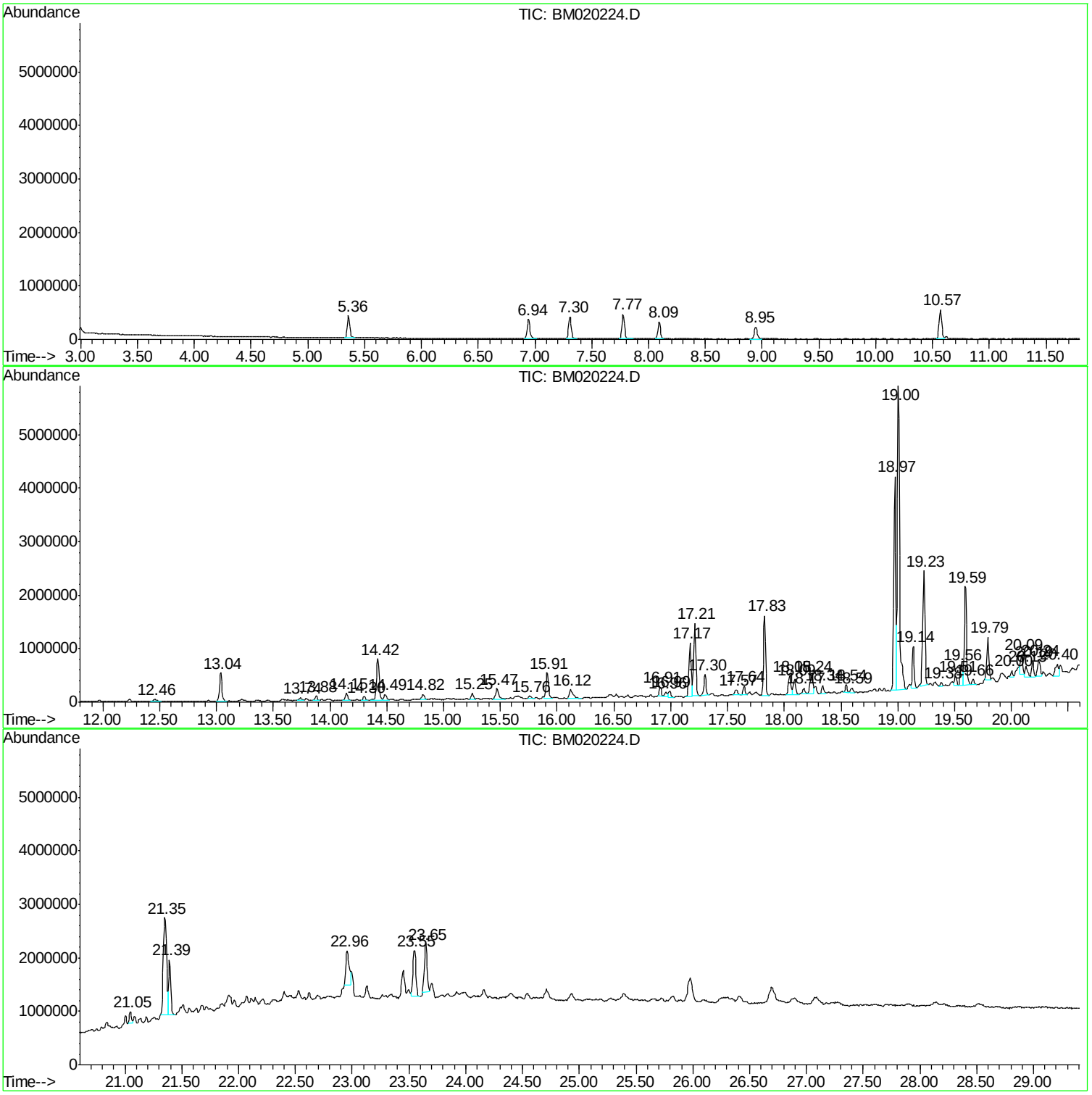
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-050719-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
Data File : BM020224.D
Acq On : 09 May 2019 19:15
Operator : JU/SJ
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Misc :
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Instrument : BNA_M
ClientSampleId : PL-02-050719-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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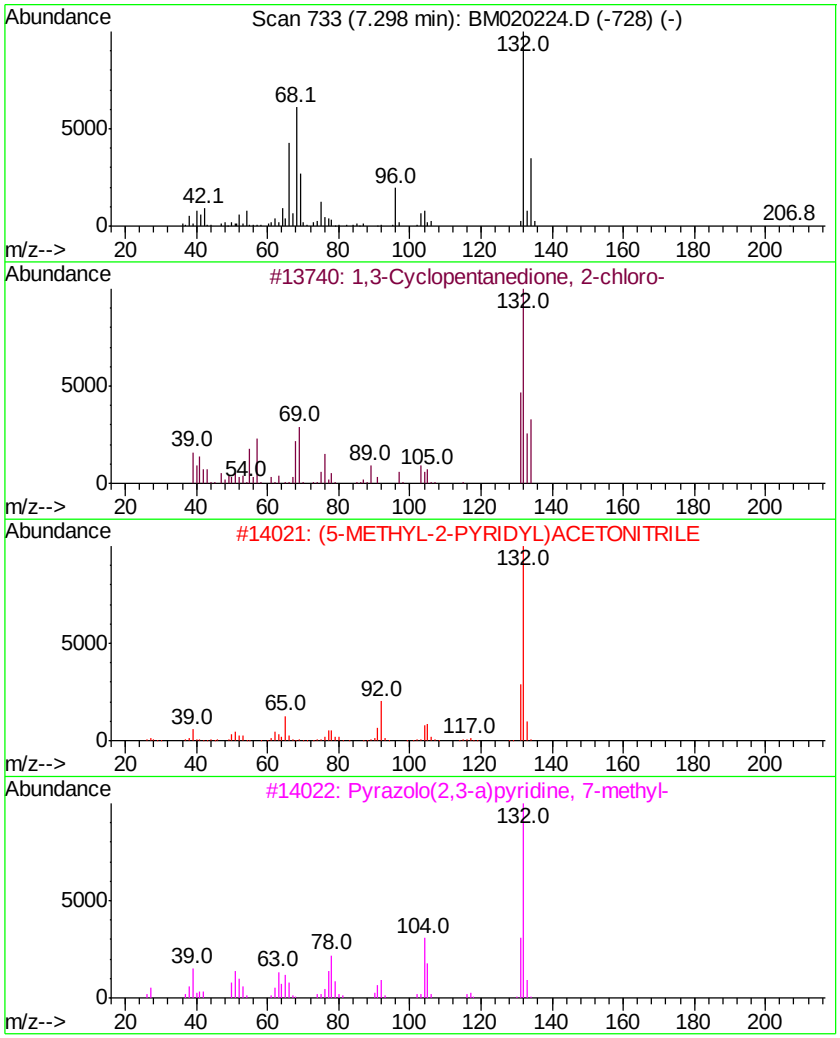
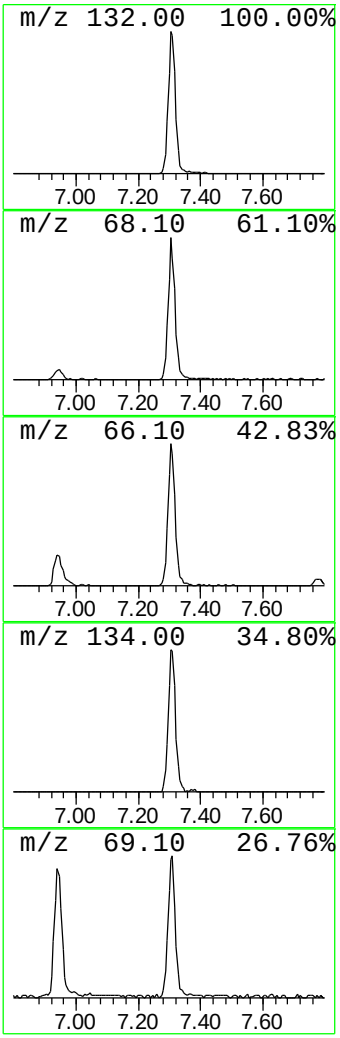
Peak Number 1 unknown7.30 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	18.30 ng	684140	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	22
2	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
3	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
Data File : BM020224.D
Acq On : 09 May 2019 19:15
Operator : JU/SJ
Sample : K2645-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PL-02-050719-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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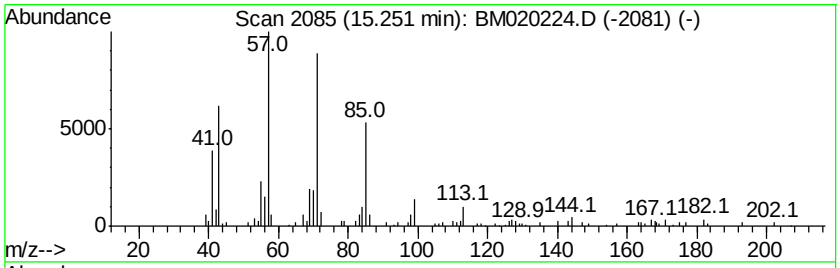
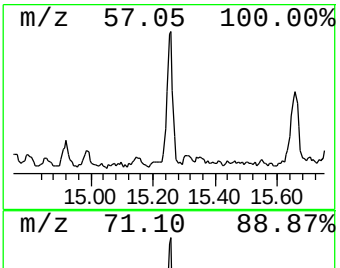
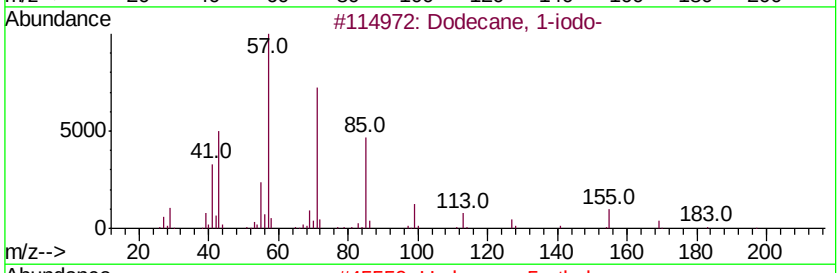
Peak Number 3 Dodecane, 1-iodo- Concentration Rank 15

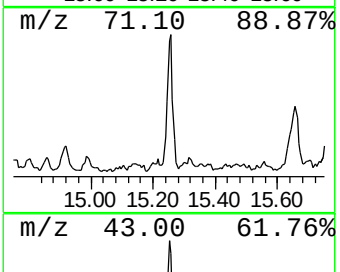
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	2.46 ng	155926	Acenaphthene-d10	14.42

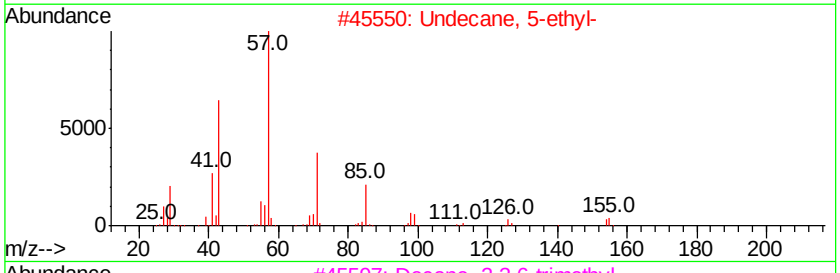
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
3	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	59
5	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	59

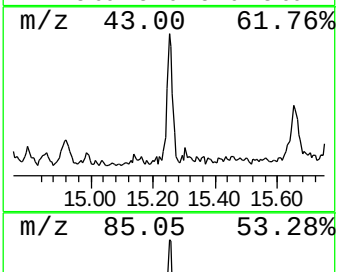


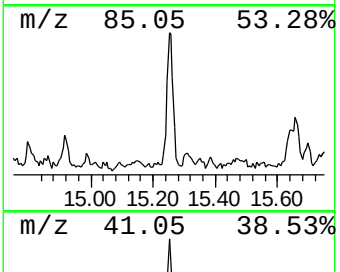


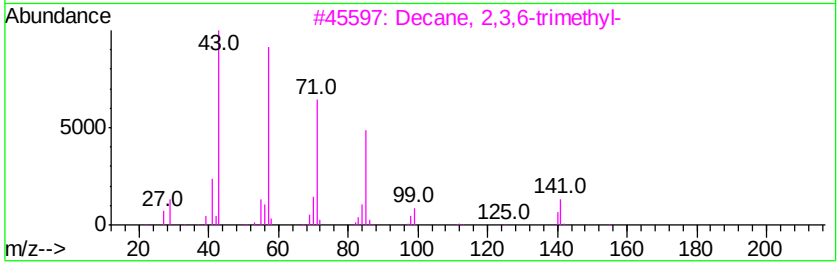


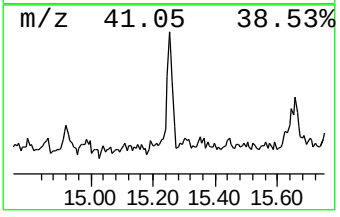












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
Data File : BM020224.D
Acq On : 09 May 2019 19:15
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Sample : K2645-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PL-02-050719-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

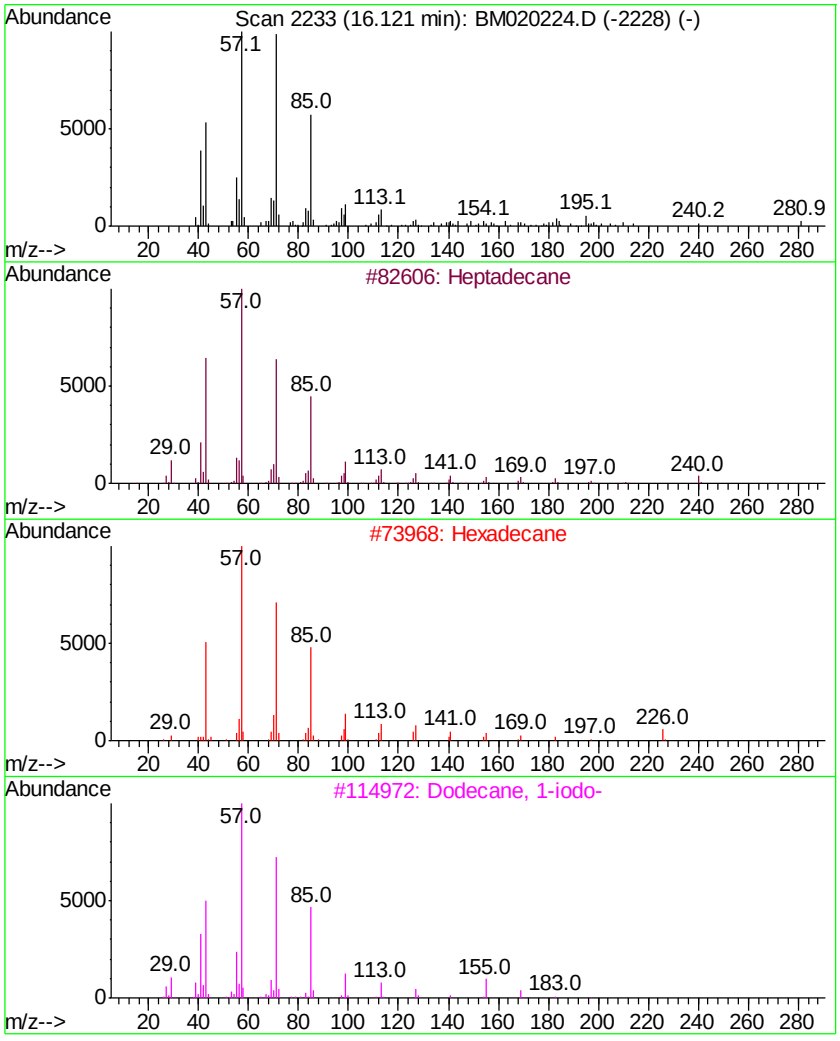
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

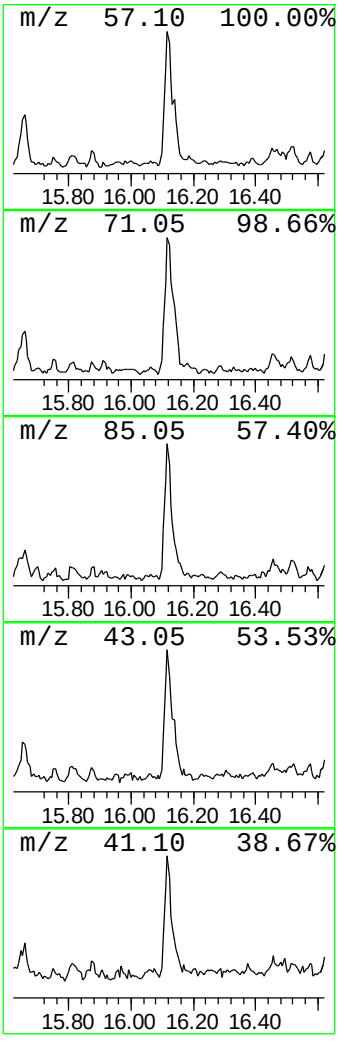
****

Peak Number 4 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	5.21 ng	389261	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Decane, 3-methyl-	156	C11H24	013151-34-3	83
5	Eicosane	282	C20H42	000112-95-8	72





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Instrument : BNA_M
ClientSampleId : PL-02-050719-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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TIC Library : C:\DATABASE\NIST02.L
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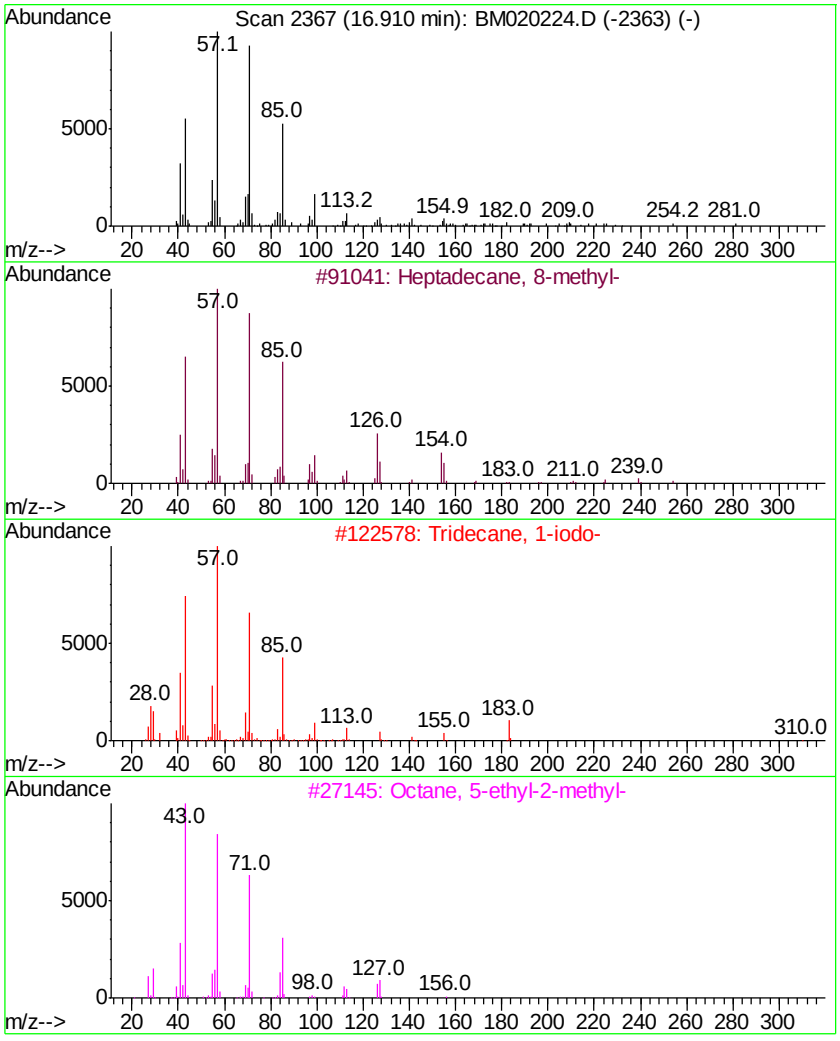
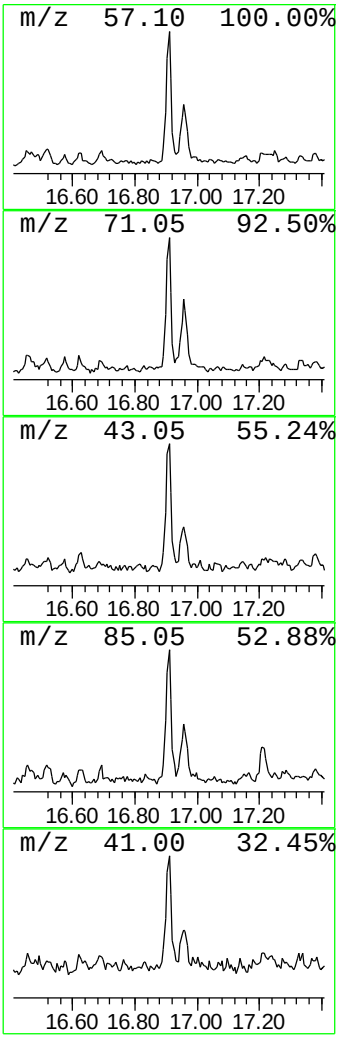
Peak Number 5 Heptadecane, 8-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	2.75 ng	205528	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	80
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
5	Heptacosane	380	C27H56	000593-49-7	64





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : PL-02-050719-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

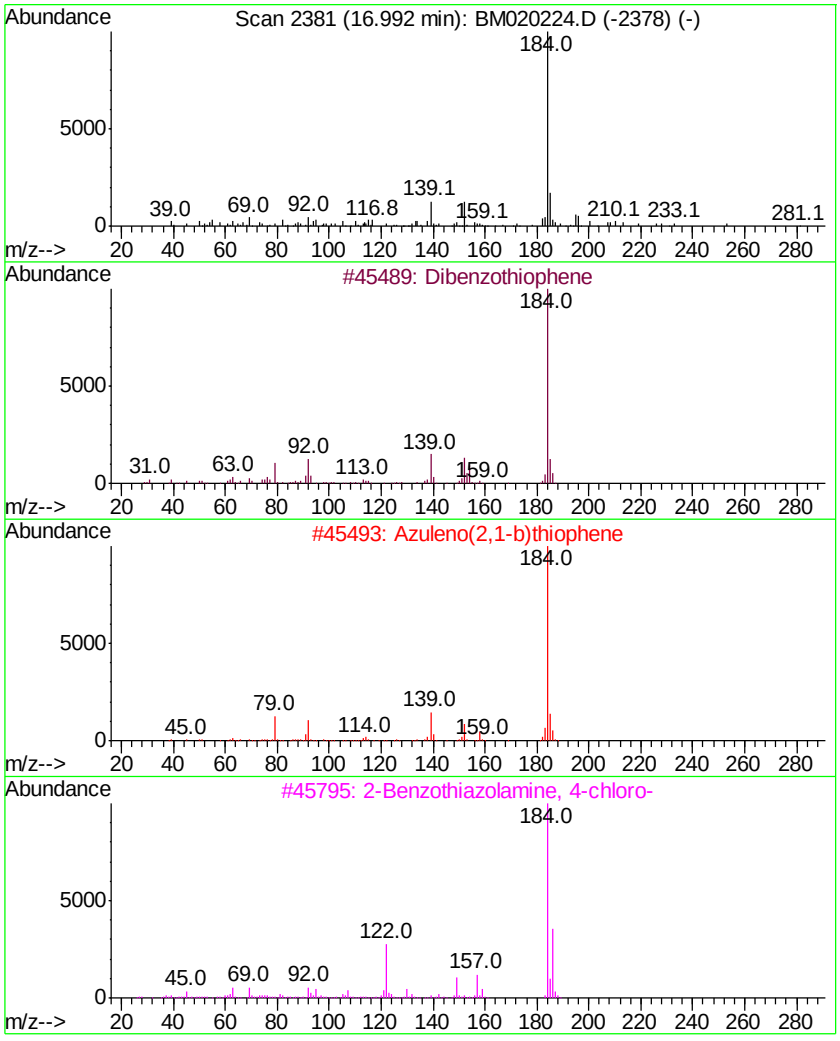
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

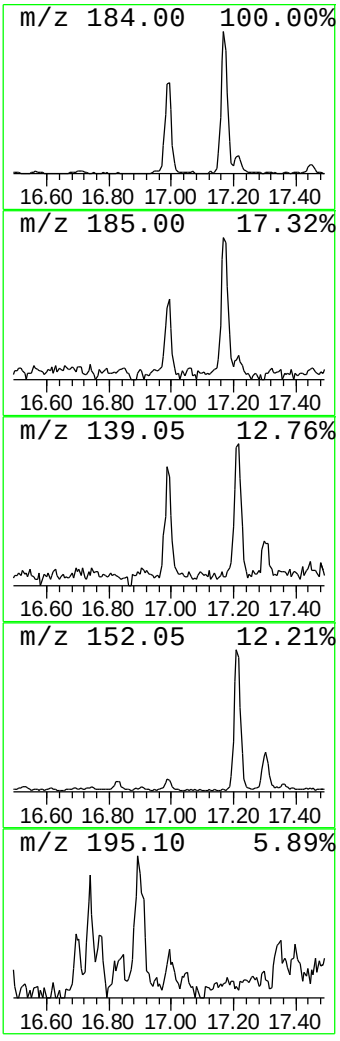
****

Peak Number 6 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	2.25 ng	168238	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	80
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	72
3	2-Benzothiazolamine, 4-chloro-	184	C7H5ClN2S	019952-47-7	50
4	1,1'-Biphenyl, 3-methoxy-	184	C13H12O	002113-56-6	50
5	Benzidine	184	C12H12N2	000092-87-5	42





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Data File : BM020224.D
Acq On : 09 May 2019 19:15
Operator : JU/SJ
Sample : K2645-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PL-02-050719-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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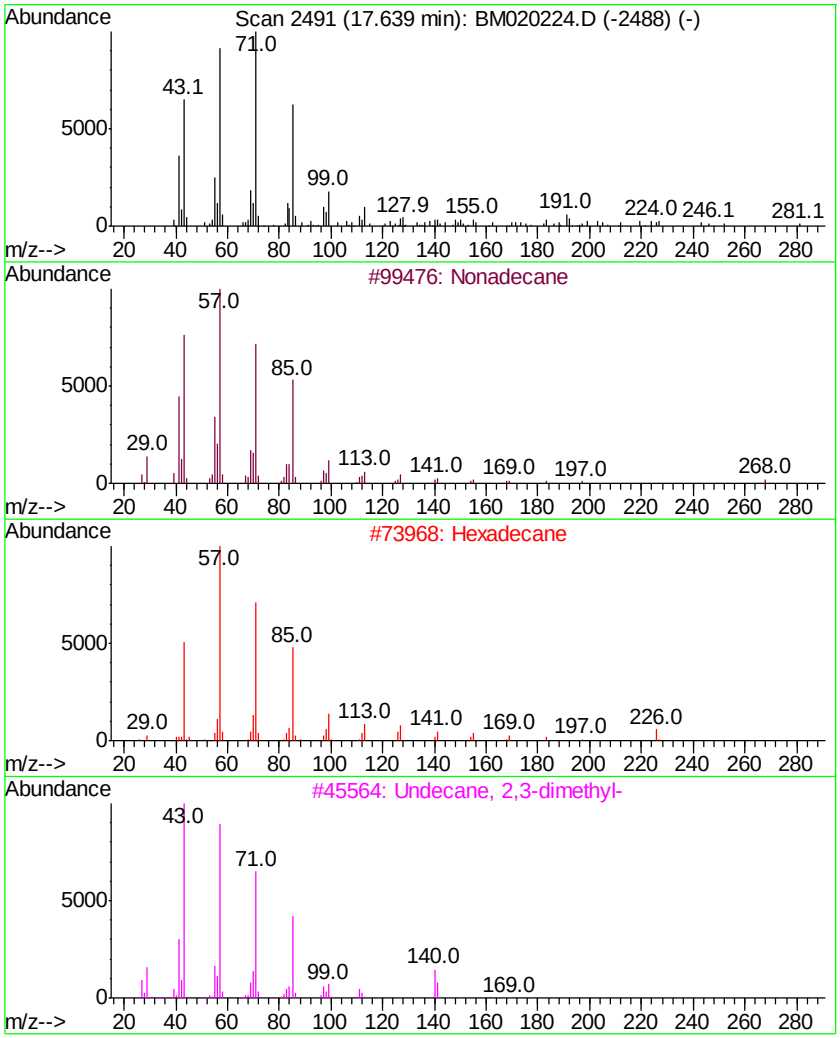
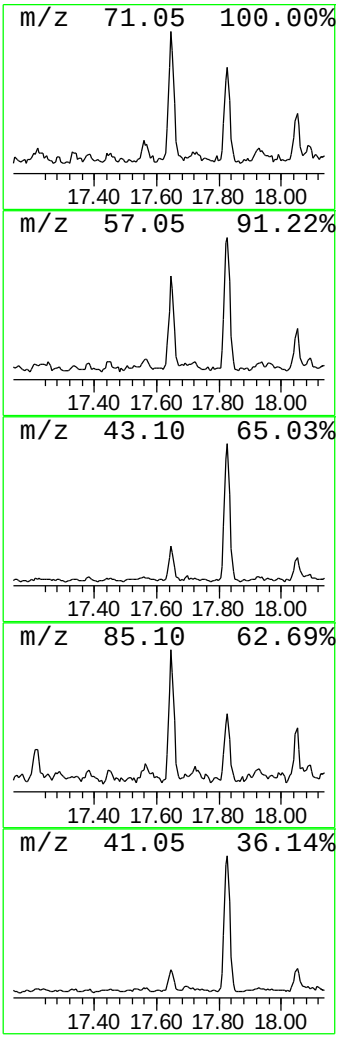
Peak Number 7 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	2.62 ng	195757	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	89
2	Hexadecane	226	C16H34	000544-76-3	80
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
5	Heptacosane	380	C27H56	000593-49-7	72





Library Search Compound Report

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Acq On : 09 May 2019 19:15
Operator : JU/SJ
Sample : K2645-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PL-02-050719-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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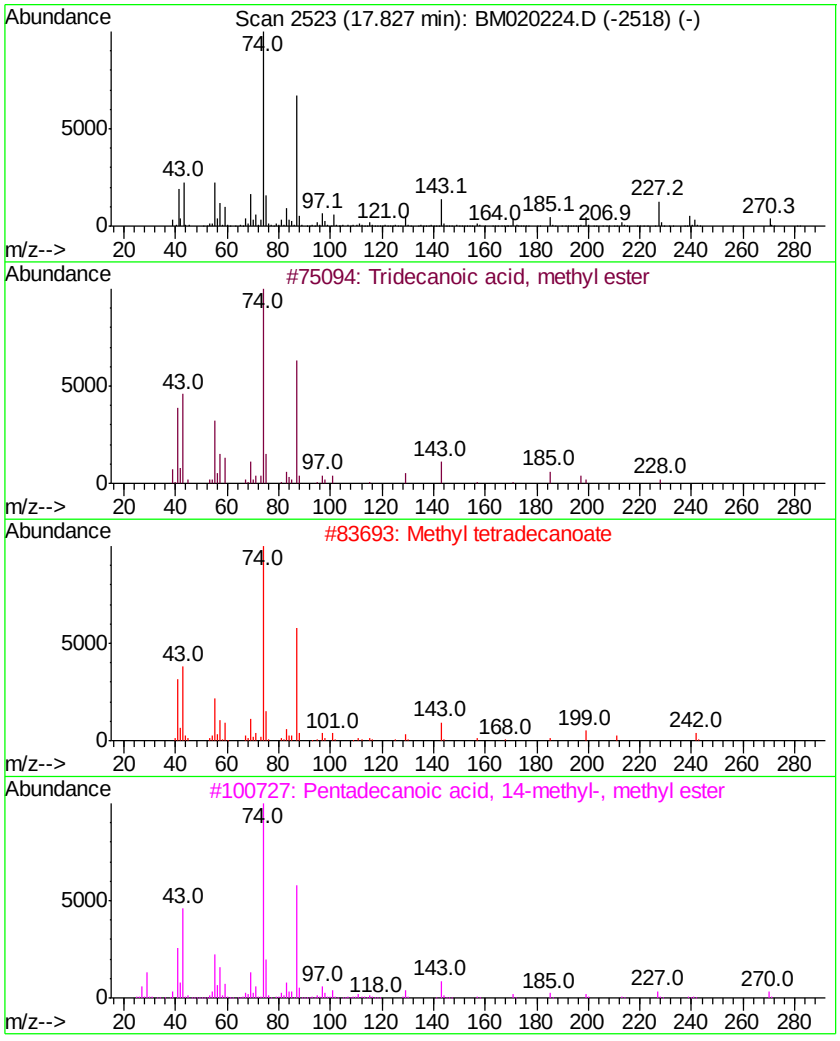
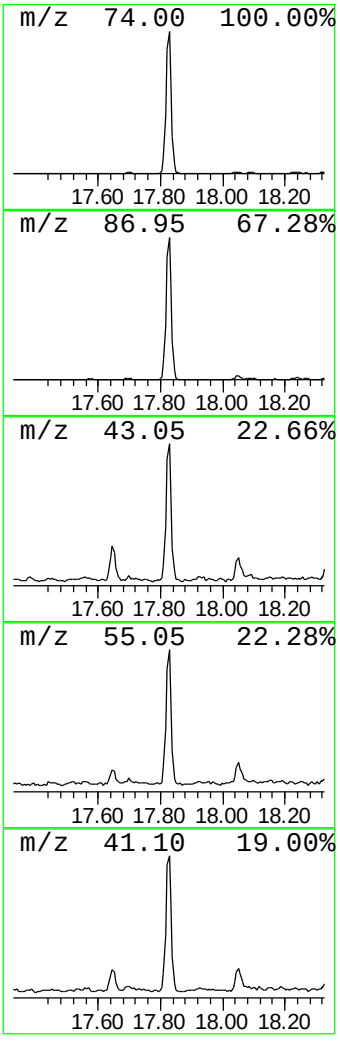
Peak Number 8 Tridecanoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	23.95 ng	1789100	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	95
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80





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Misc :
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Instrument : BNA_M
ClientSampleId : PL-02-050719-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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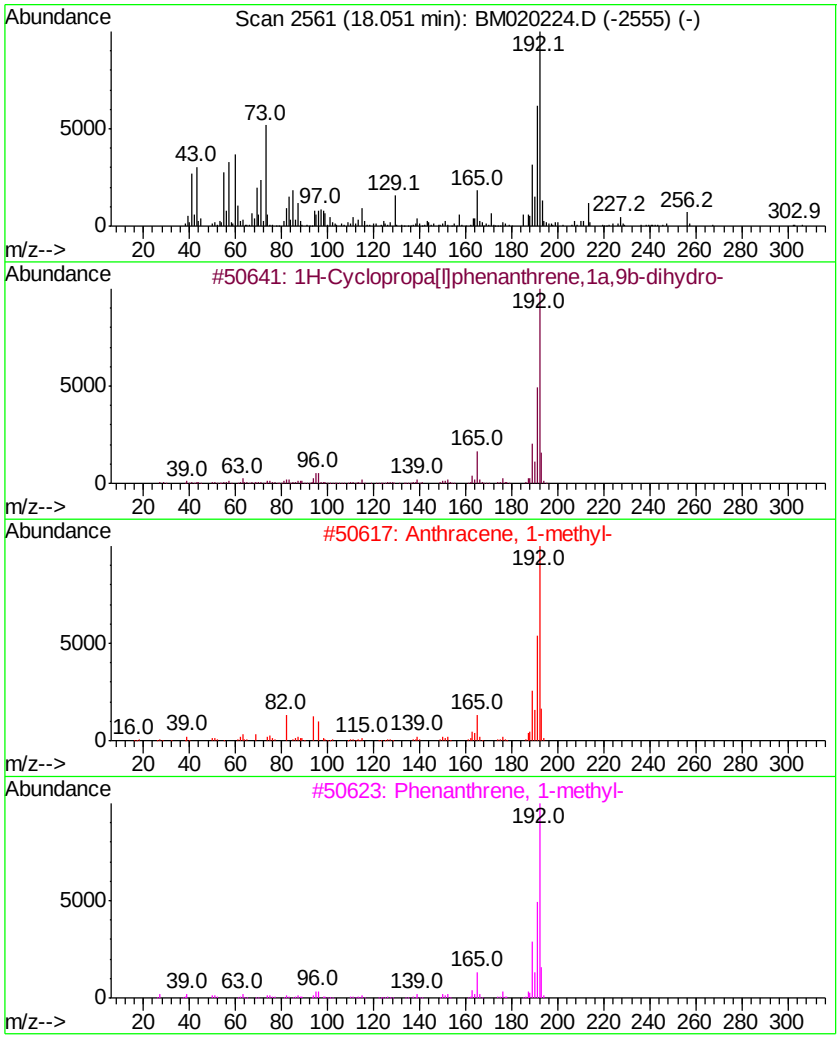
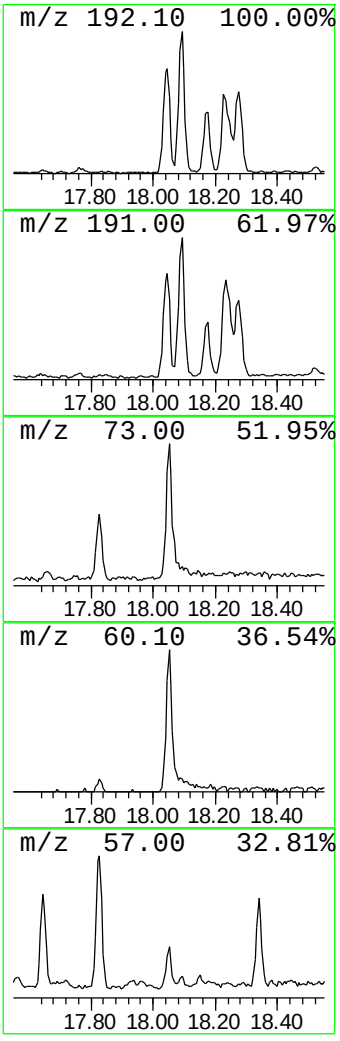
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	7.52 ng	561835	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	92
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	70





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Instrument : BNA_M
ClientSampleId : PL-02-050719-E

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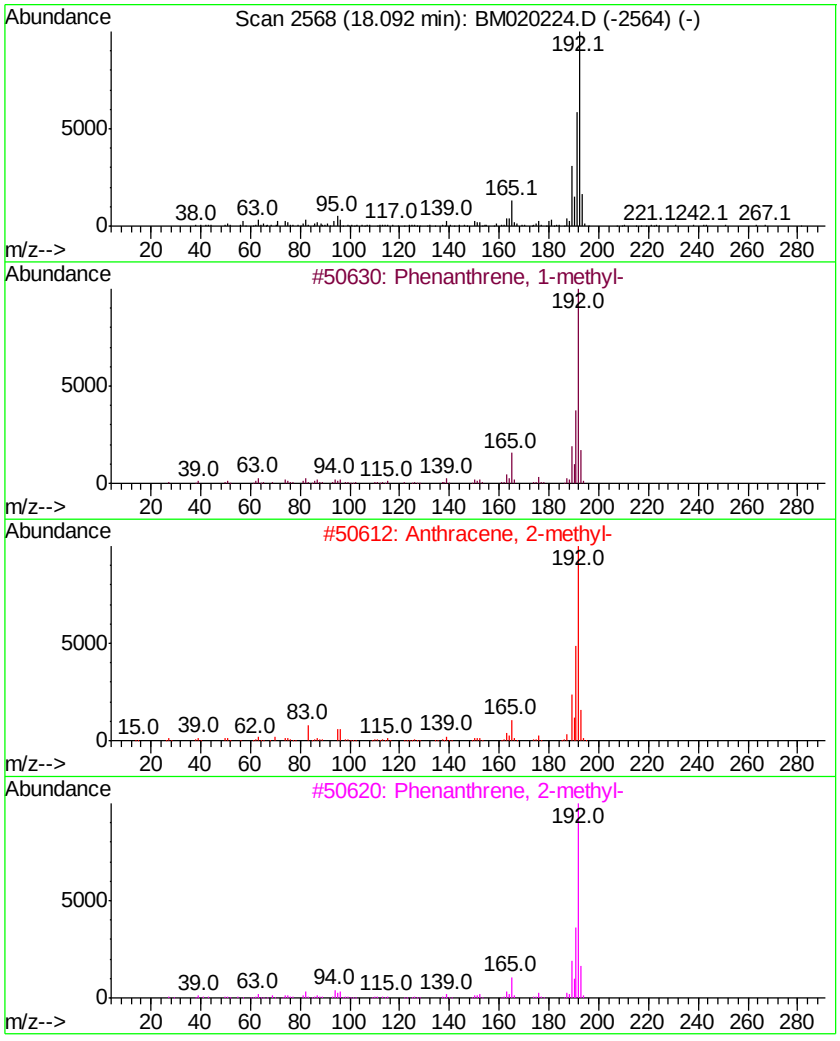
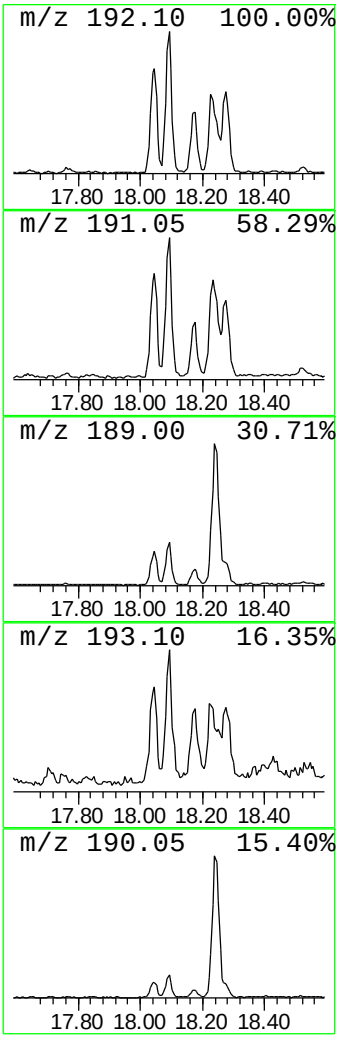
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	5.43 ng	406049	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PL-02-050719-E

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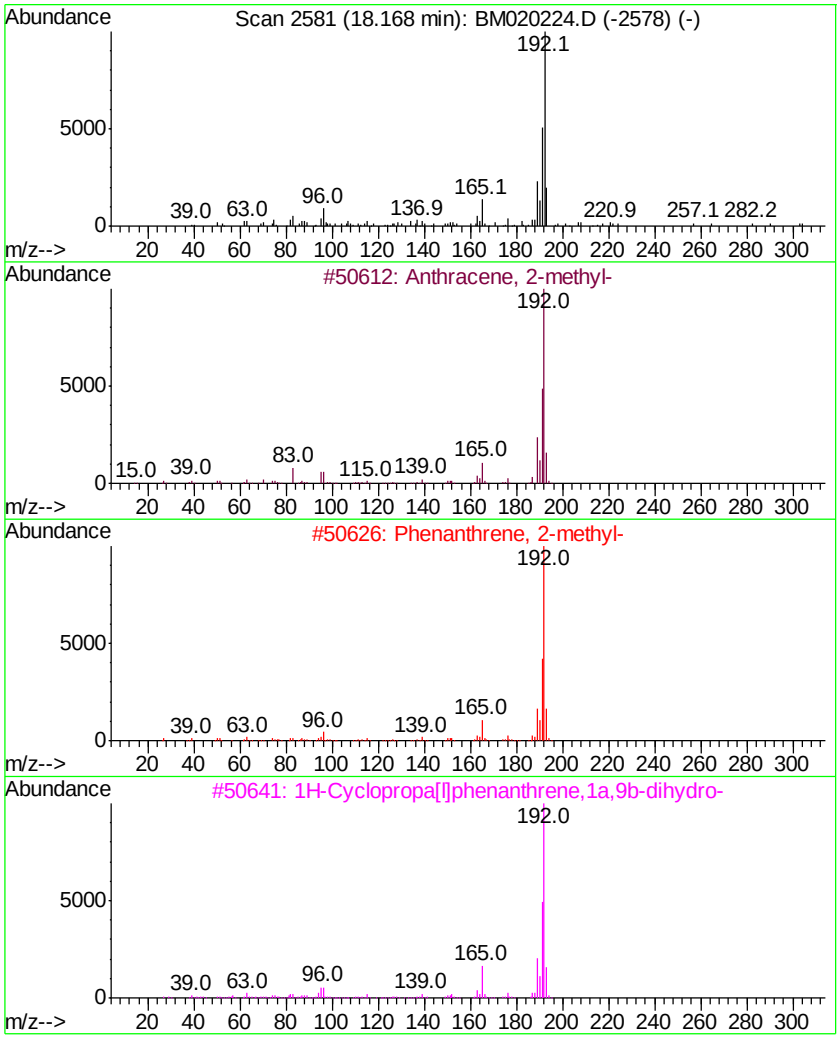
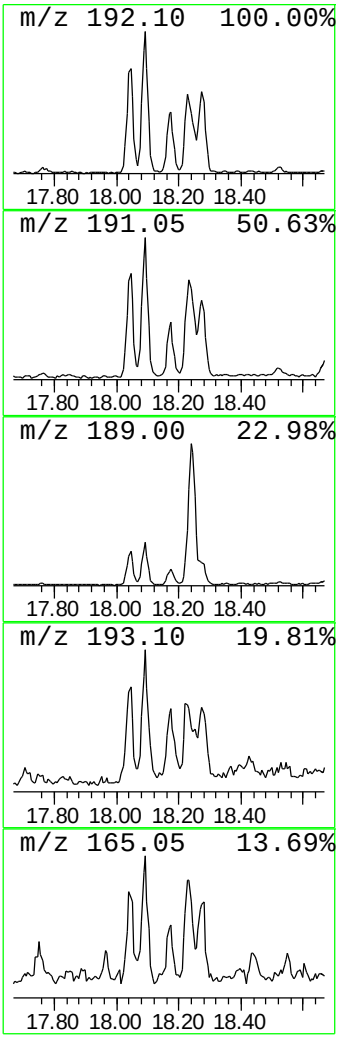
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	2.09 ng	155915	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	91





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ClientSampleId : PL-02-050719-E

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TIC Integration Parameters: LSCINT.P

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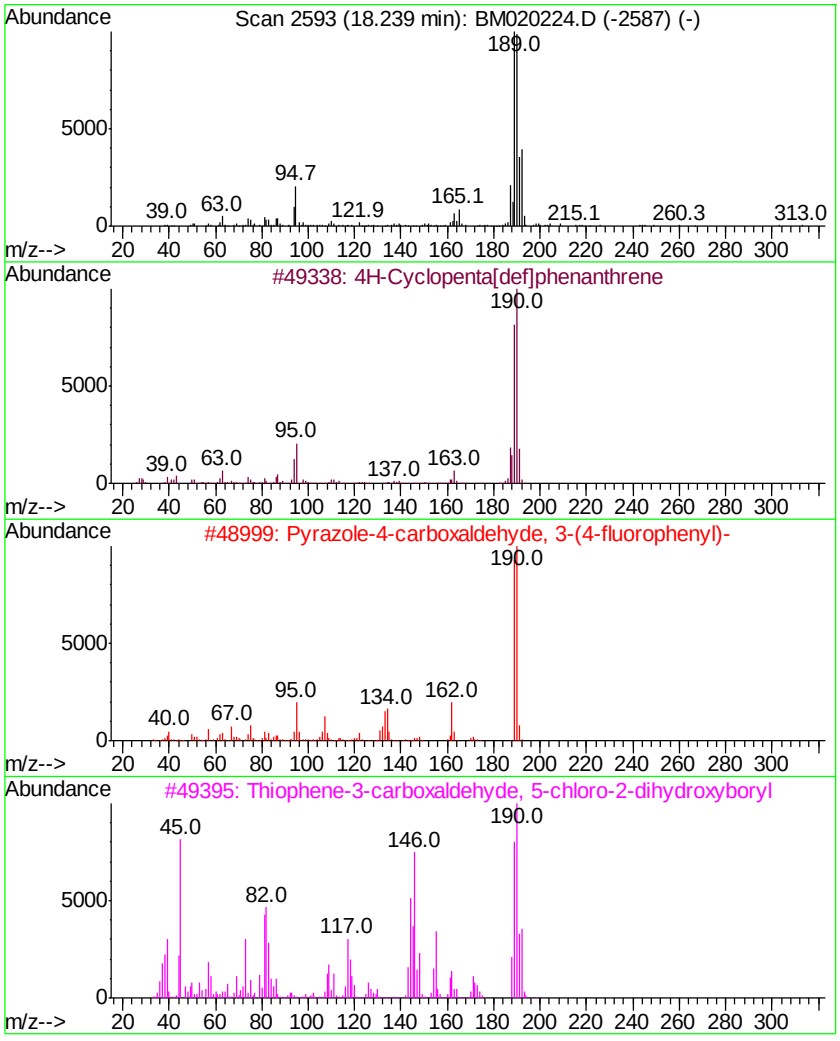
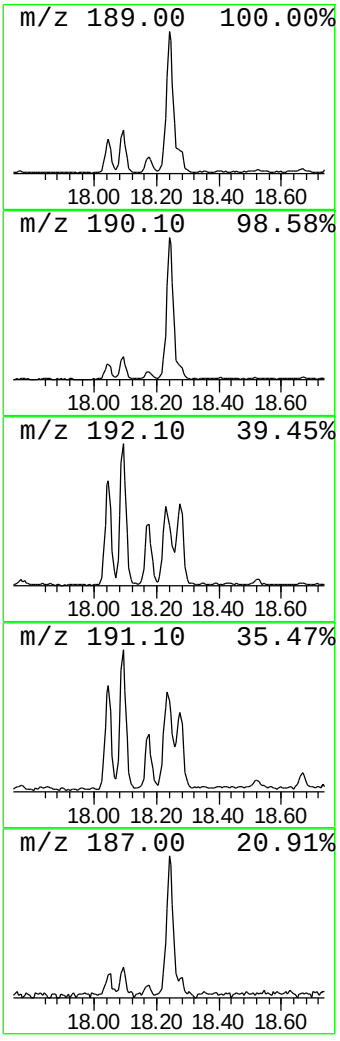
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	8.38 ng	626311	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	3-(Trifluoromethoxy)benzaldehyde	190	C8H5F3O2	052771-21-8	47
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	27





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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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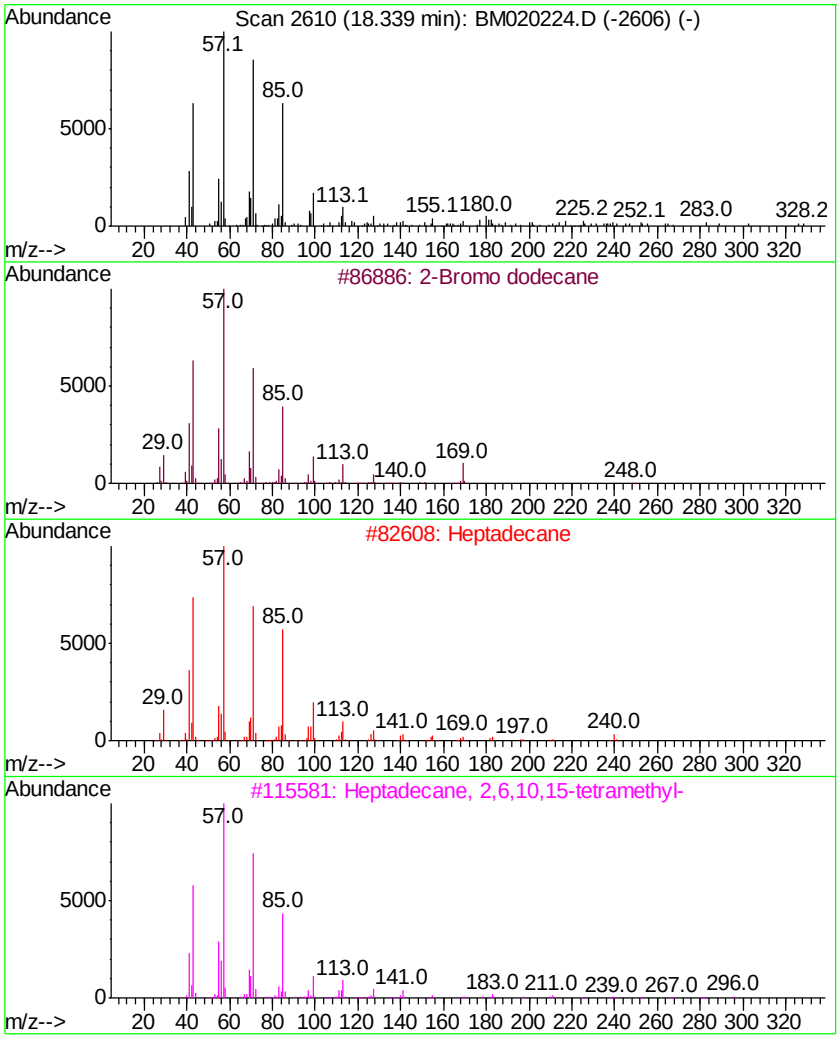
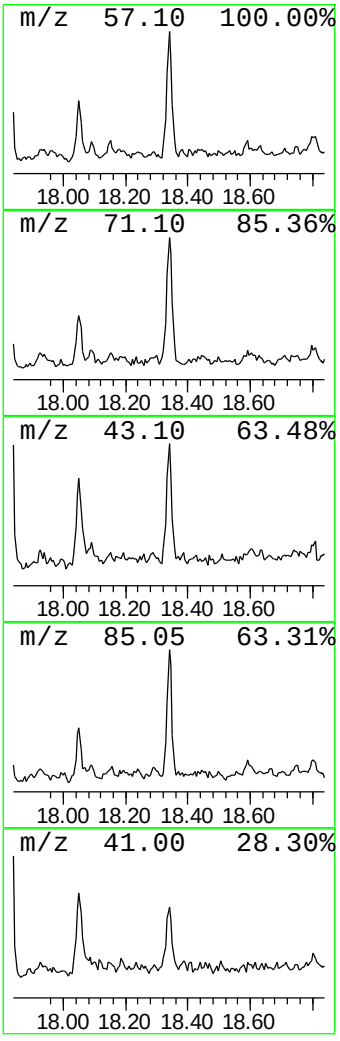
Peak Number 13 2-Bromo dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.80 ng	209534	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
2	Heptadecane	240	C17H36	000629-78-7	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Nonacosane	408	C29H60	000630-03-5	86
5	Octacosane	394	C28H58	000630-02-4	72





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Misc :
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Instrument : BNA_M
ClientSampleId : PL-02-050719-E

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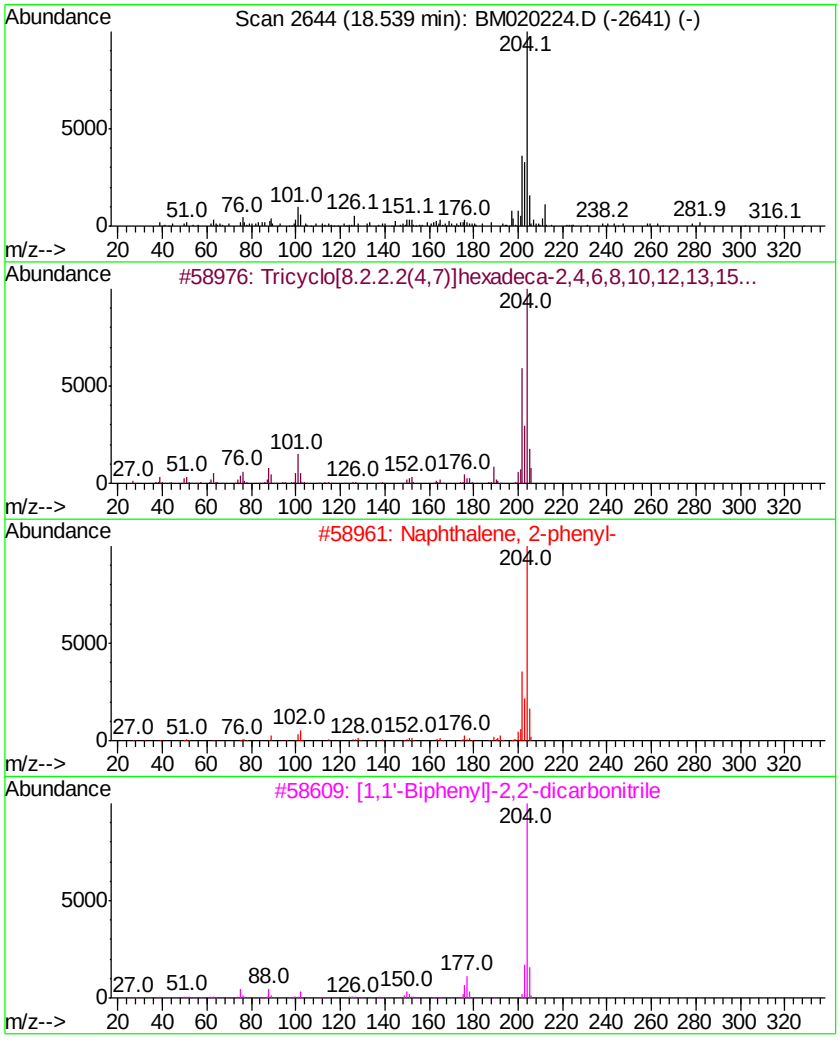
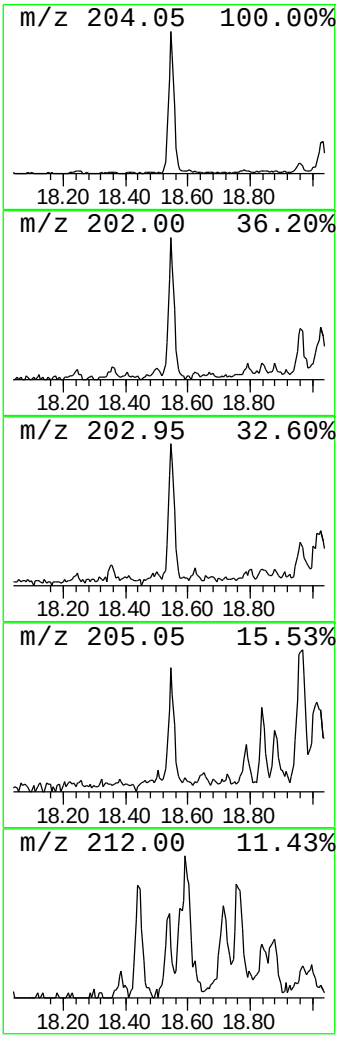
Peak Number 14 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	2.30 ng	171828	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	52
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	52





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ClientSampleId : PL-02-050719-E

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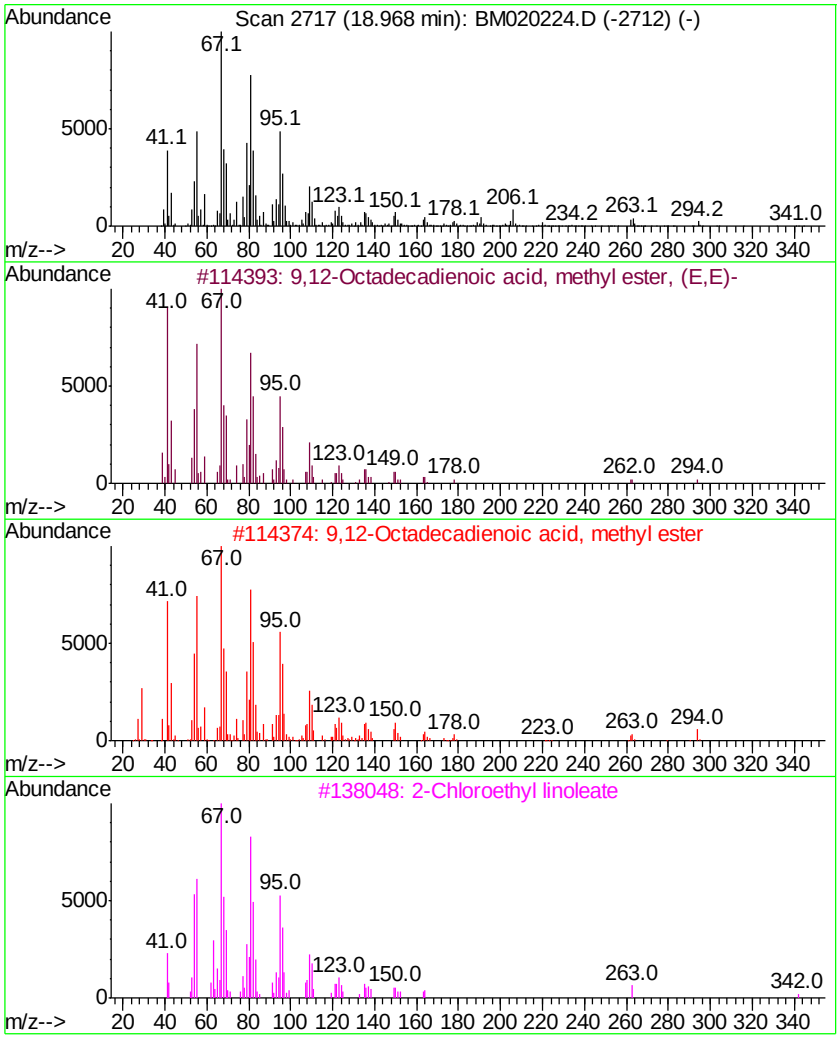
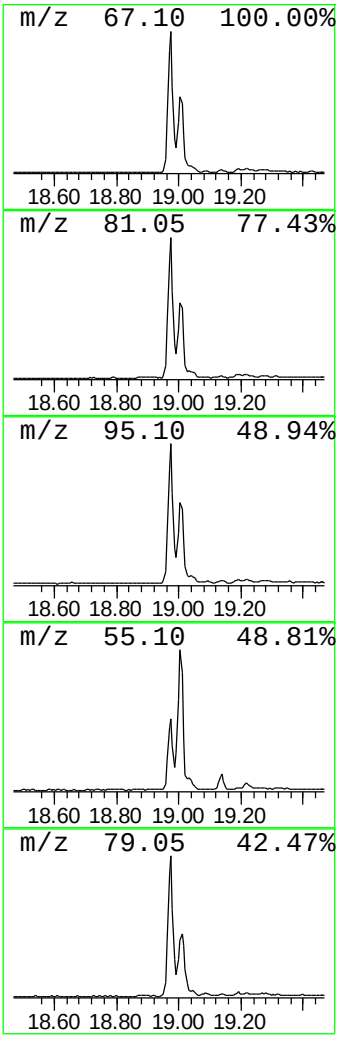
Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	62.78 ng	4691100	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	95
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	94
3	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	94
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	91
5	7-Hexadecyne	222	C16H30	074685-28-2	90





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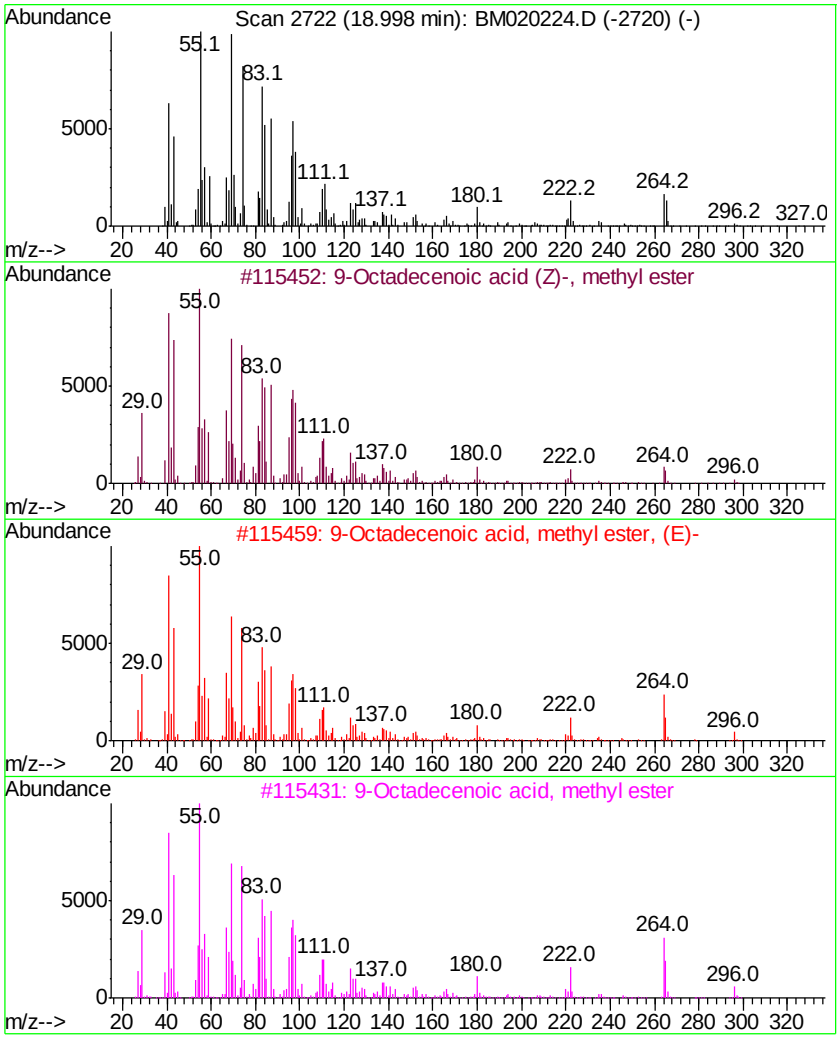
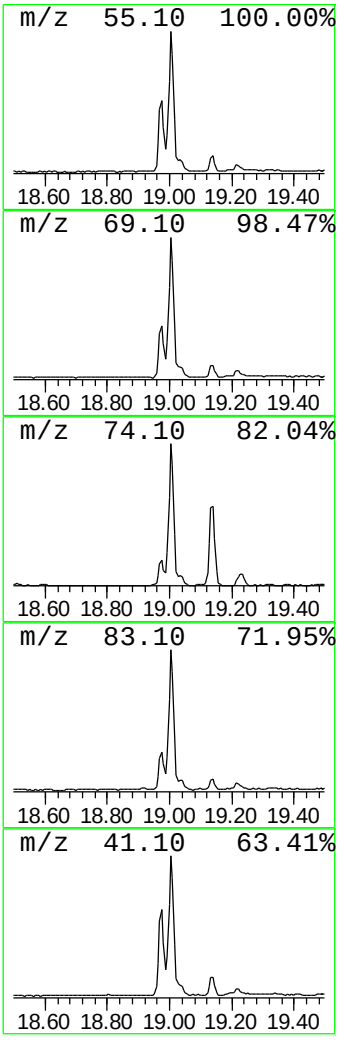
Peak Number 16 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	100.78 ng	7529880	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99





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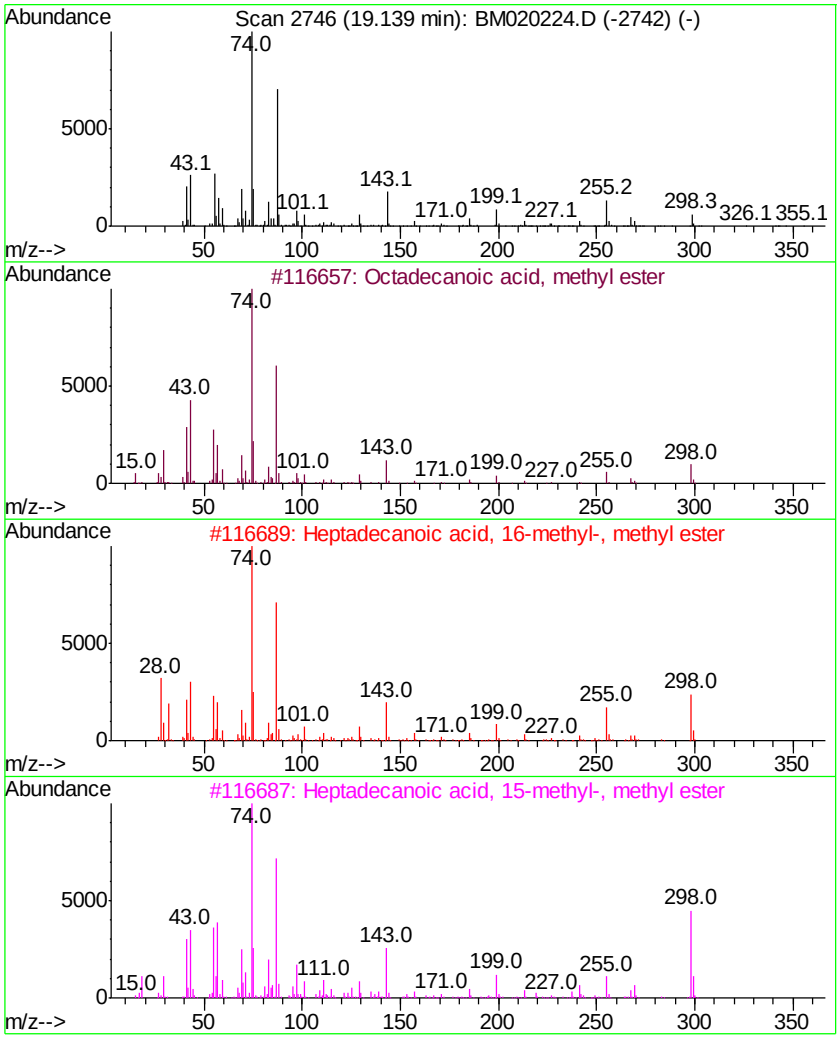
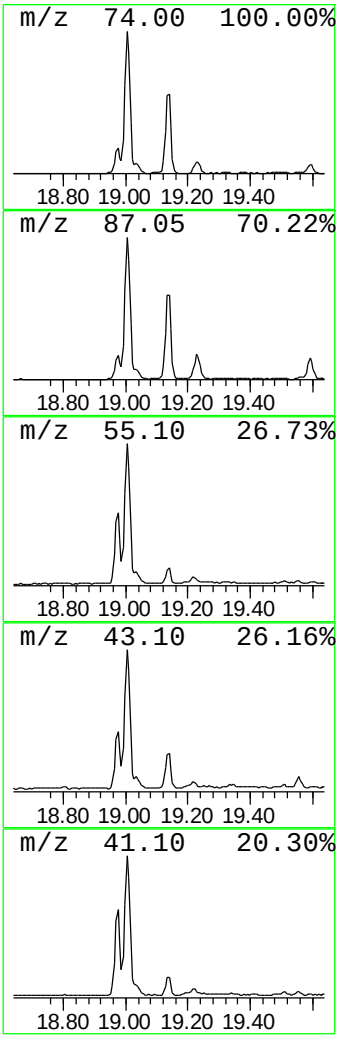
Peak Number 17 Octadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	12.61 ng	941906	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	93
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	86





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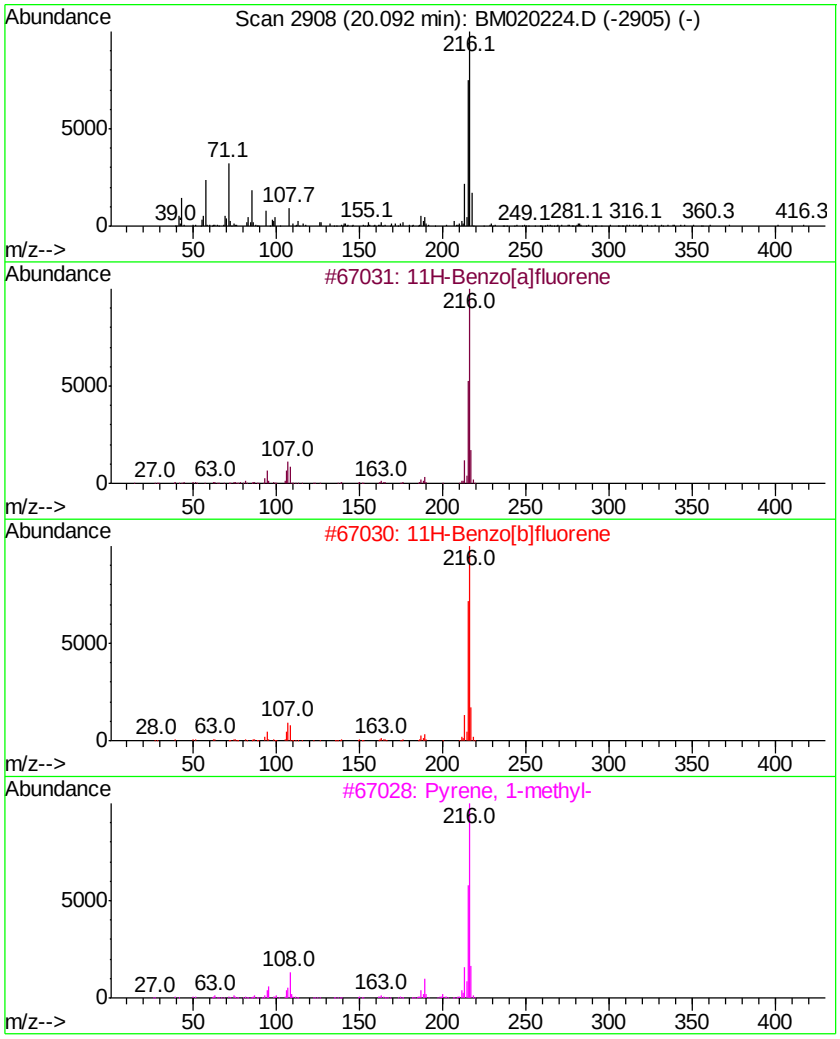
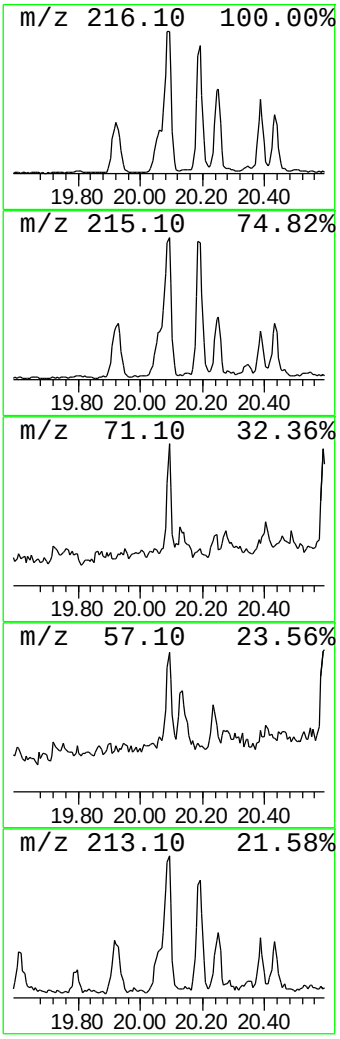
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	2.32 ng	444195	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
Data File : BM020224.D
Acq On : 09 May 2019 19:15
Operator : JU/SJ
Sample : K2645-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PL-02-050719-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

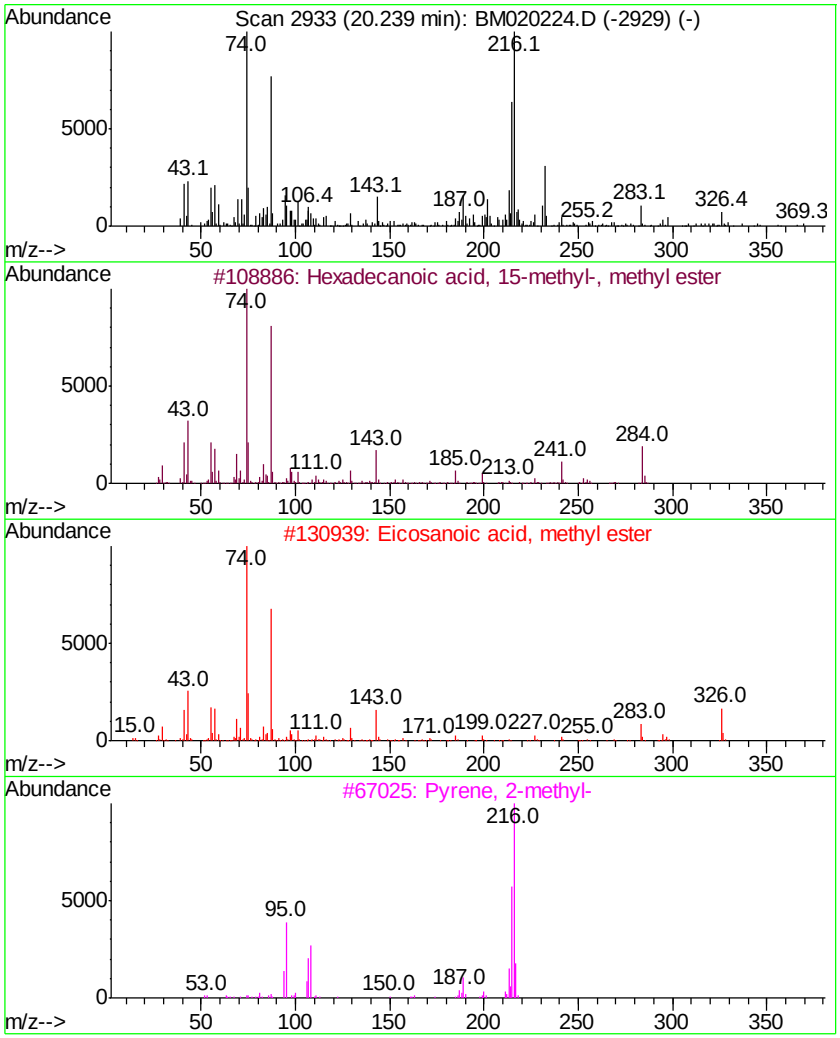
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

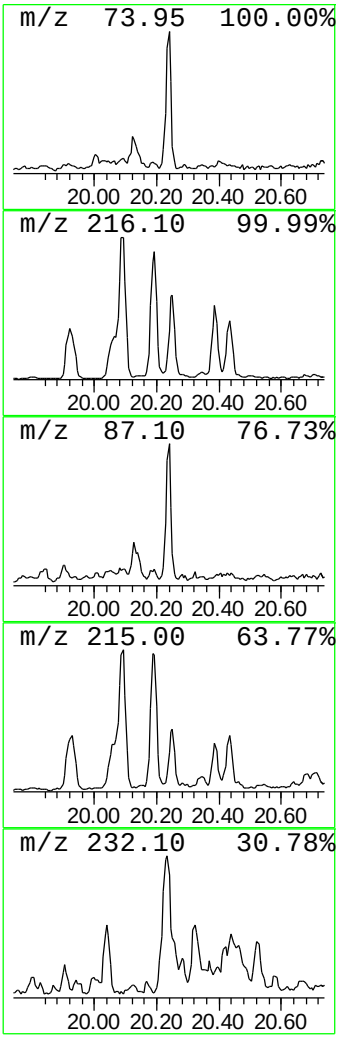
****

Peak Number 19 Hexadecanoic acid, 15-methy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	2.55 ng	487671	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	95
2	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	50
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	47
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
Data File : BM020224.D
Acq On : 09 May 2019 19:15
Operator : JU/SJ
Sample : K2645-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PL-02-050719-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

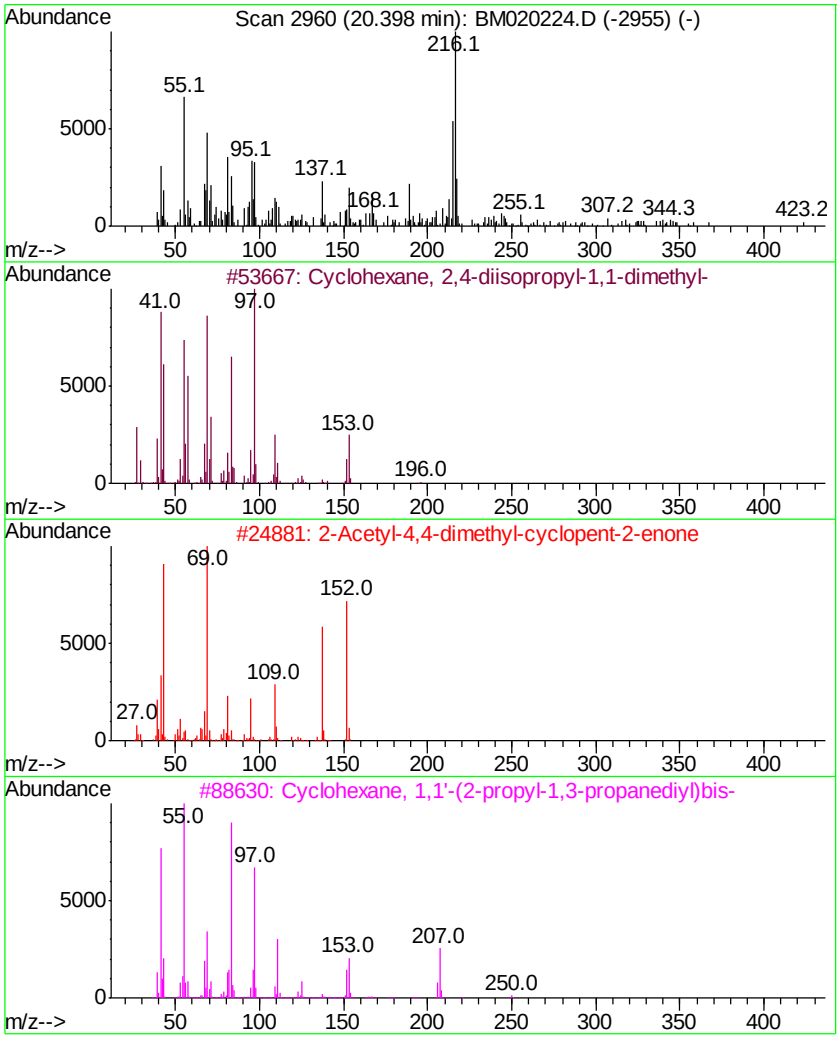
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

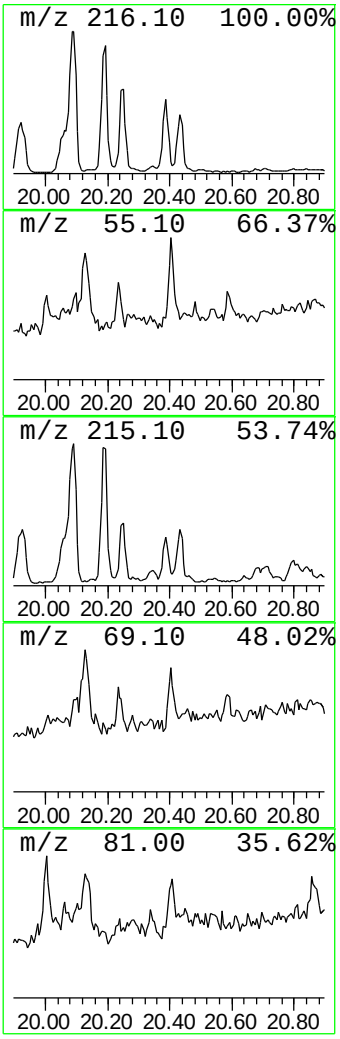
****

Peak Number 20 unknown20.40 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	2.41 ng	460479	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	27
2	2-Acetyl-4,4-dimethyl-cyclopent-...	152	C9H12O2	081979-96-6	14
3	Cyclohexane, 1,1'-(2-propyl-1,3-...	250	C18H34	055030-21-2	14
4	2-Butyl-3-methyl-5-(2-methylprop...	222	C15H26O	1000281-10-7	14
5	Oxirane, 2-decyl-3-(5-methylhexy...	282	C19H38O	029804-22-6	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050919\
Data File : BM020224.D
Acq On : 09 May 2019 19:15
Operator : JU/SJ
Sample : K2645-09 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PL-02-050719-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.30	7.30	18.3	ng	684140	1	7.77	747810	20.0
Dodecane, 1-iodo-	15.25	2.5	ng	155926	3	14.42	1270170	20.0
Heptadecane	16.12	5.2	ng	389261	4	17.17	1494340	20.0
Heptadecane, 8-me...	16.91	2.8	ng	205528	4	17.17	1494340	20.0
Dibenzothiophene	16.99	2.3	ng	168238	4	17.17	1494340	20.0
Nonadecane	17.64	2.6	ng	195757	4	17.17	1494340	20.0
Tridecanoic acid,...	17.83	23.9	ng	1789100	4	17.17	1494340	20.0
1H-Cyclopropa[l]p...	18.05	7.5	ng	561835	4	17.17	1494340	20.0
Phenanthrene, 1-m...	18.09	5.4	ng	406049	4	17.17	1494340	20.0
Anthracene, 2-met...	18.17	2.1	ng	155915	4	17.17	1494340	20.0
4H-Cyclopenta[def...	18.24	8.4	ng	626311	4	17.17	1494340	20.0
2-Bromo dodecane	18.34	2.8	ng	209534	4	17.17	1494340	20.0
Tricyclo[8.2.2.2(...	18.54	2.3	ng	171828	4	17.17	1494340	20.0
9,12-Octadecadien...	18.97	62.8	ng	4691100	4	17.17	1494340	20.0
9-Octadecenoic ac...	19.00	100.8	ng	7529880	4	17.17	1494340	20.0
Octadecanoic acid...	19.14	12.6	ng	941906	4	17.17	1494340	20.0
11H-Benzo[a]fluorene	20.09	2.3	ng	444195	5	21.36	3826090	20.0
Hexadecanoic acid...	20.24	2.5	ng	487671	5	21.36	3826090	20.0
unknown20.40	20.40	2.4	ng	460479	5	21.36	3826090	20.0