LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018922.D
Acq On : 25 Feb 2019 20:23
Operator : JU/SJ
Sample : K1356-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-A

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-BM021119.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	5.287	366	374	389	rBV	1637584	2482196	10.66%	1.983%
2	6.869	636	643	659	rBV	1546984	2731398	11.73%	2.182%
3	7.228	697	704	713	rBV	1717703	2760320	11.86%	2.205%
4	7.693	776	783	792	rBV	982318	1532042	6.58%	1.224%
5	8.010	829	837	849	rVB	1250048	1989548	8.55%	1.589%
6	8.857	975	981	994	rBV	885987	1597698	6.86%	1.276%
7	10.481	1251	1257	1263	rBV	1199495	1951675	8.38%	1.559%
8	12.957	1672	1678	1686	rBV	2266845	3249714	13.96%	2.596%
9	13.139	1703	1709	1713	rBV	168264	255040	1.10%	0.204%
10	13.804	1816	1822	1826	rBV	214299	293924	1.26%	0.235%
11	14.222	1888	1893	1901	rBV	301061	463612	1.99%	0.370%
12	14.345	1908	1914	1920	rVV2	1684324	2536724	10.90%	2.026%
13	14.404	1920	1924	1931	rVB	189666	309492	1.33%	0.247%
14	15.180	2051	2056	2061	rVB	321875	401105	1.72%	0.320%
15	15.398	2087	2093	2097	rBV	306347	464323	1.99%	0.371%
16	15.839	2163	2168	2175	rVB	1639849	2329530	10.01%	1.861%
17	16.045	2199	2203	2217	rVB	354621	663399	2.85%	0.530%
18	16.839	2333	2338	2342	rBV2	309956	385088	1.65%	0.308%
19	16.915	2349	2351	2358	rVB2	160879	235884	1.01%	0.188%
20	17.098	2376	2382	2386	rBV	1979198	2979749	12.80%	2.380%
21	17.139	2386	2389	2395	rVV	1995689	2608748	11.21%	2.084%
22	17.227	2399	2404	2409	rBV	554859	799476	3.43%	0.639%
23	17.510	2446	2452	2459	rBV3	89262	241777	1.04%	0.193%
24	17.574	2460	2463	2467	rVV	247008	291792	1.25%	0.233%
25	17.757	2489	2494	2500	rBV	4795866	5621481	24.15%	4.490%
26	17.992	2526	2534	2537	rBV2	2613739	4004055	17.20%	3.198%
27	18.098	2549	2552	2558	rVB	179049	259629	1.12%	0.207%
28	18.168	2559	2564	2568	rBV3	443896	744819	3.20%	0.595%
29	18.274	2578	2582	2586	rBV	248534	317134	1.36%	0.253%
30	18.909	2684	2690	2693	rBV	14930571	18697573	80.32%	14.934%
31	18.945	2693	2696	2706	rVB2	18851462	23279425	100.00%	18.594%
32	19.027	2707	2710	2714	rBV4	184119	255608	1.10%	0.204%
33	19.074	2714	2718	2724	rVB	2123843	2390460	10.27%	1.909%
34	19.162	2728	2733	2738	rVB	2862119	3861697	16.59%	3.084%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018922.D
Acq On : 25 Feb 2019 20:23
Operator : JU/SJ
Sample : K1356-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-A

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-BM021119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.280	2747	2753	2764	rBV	5299240	7849937	33.72%	6.270%
36	19.445	2778	2781	2785	rVB3	367369	485624	2.09%	0.388%
37	19.498	2786	2790	2791	rVV	608961	770211	3.31%	0.615%
38	19.527	2791	2795	2803	rVB	2111605	2987964	12.84%	2.387%
39	19.727	2825	2829	2834	rVB	2949904	3623735	15.57%	2.894%
40	19.939	2863	2865	2868	rBV2	261852	244414	1.05%	0.195%
41	20.027	2877	2880	2884	rVB2	504539	532556	2.29%	0.425%
42	20.062	2884	2886	2892	rVB4	306228	354077	1.52%	0.283%
43	20.121	2893	2896	2900	rVB	370467	468615	2.01%	0.374%
44	20.174	2902	2905	2909	rBV3	495925	634510	2.73%	0.507%
45	21.292	3089	3095	3099	rBV2	2788576	4845510	20.81%	3.870%
46	21.327	3099	3101	3108	rVB	968611	1175045	5.05%	0.939%
47	21.427	3116	3118	3124	rVB2	339686	468209	2.01%	0.374%
48	21.862	3190	3192	3196	rVB	539932	558245	2.40%	0.446%
49	22.327	3268	3271	3278	rVB	800350	957209	4.11%	0.765%
50	22.833	3354	3357	3360	rBV	766100	1044840	4.49%	0.835%
51	23.397	3450	3453	3457	rBV	700070	972893	4.18%	0.777%
52	23.550	3474	3479	3484	rVB	1606126	2702159	11.61%	2.158%
53	24.050	3560	3564	3576	rVB	834999	1535831	6.60%	1.227%

Sum of corrected areas: 125197719

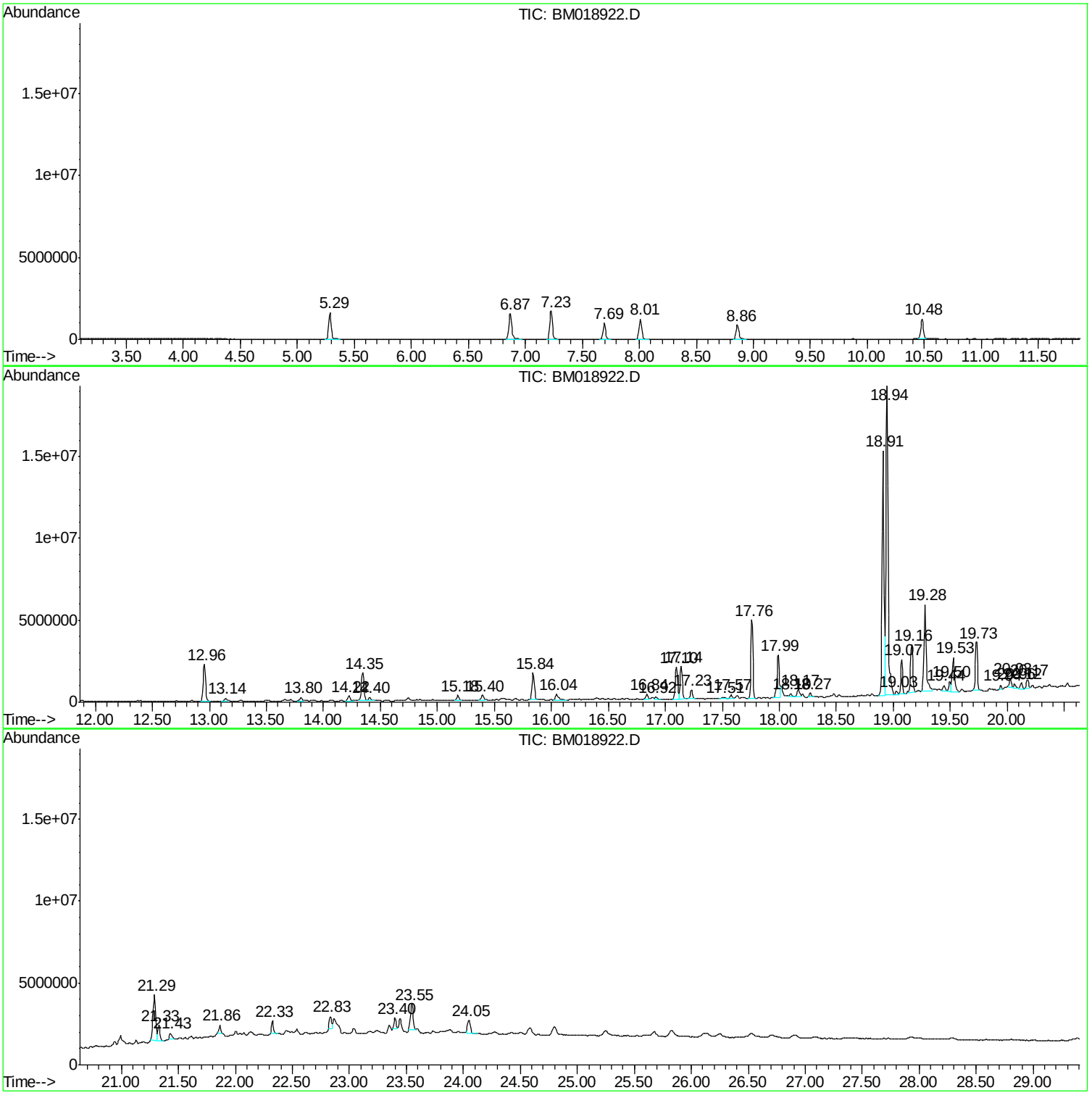
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018922.D
Acq On : 25 Feb 2019 20:23
Operator : JU/SJ
Sample : K1356-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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\BM022519\
Data File : BM018922.D
Acq On : 25 Feb 2019 20:23
Operator : JU/SJ
Sample : K1356-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

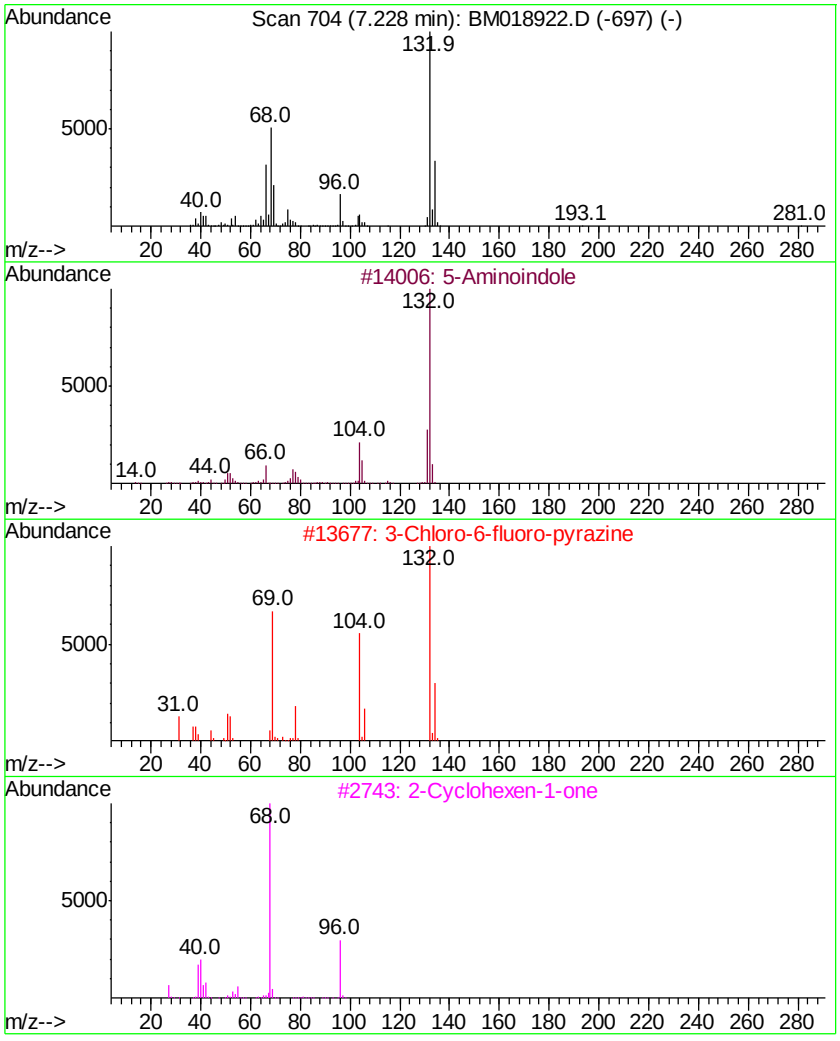
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

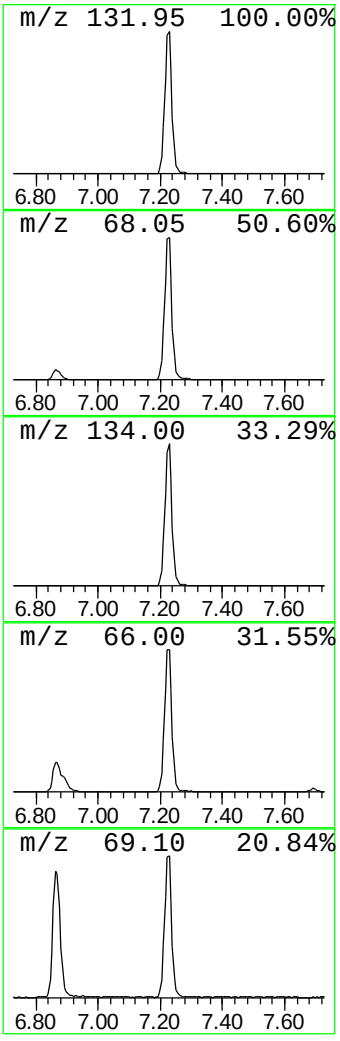
****

Peak Number 1 unknown7.23 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	36.03 ng	2760320	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018922.D
Acq On : 25 Feb 2019 20:23
Operator : JU/SJ
Sample : K1356-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

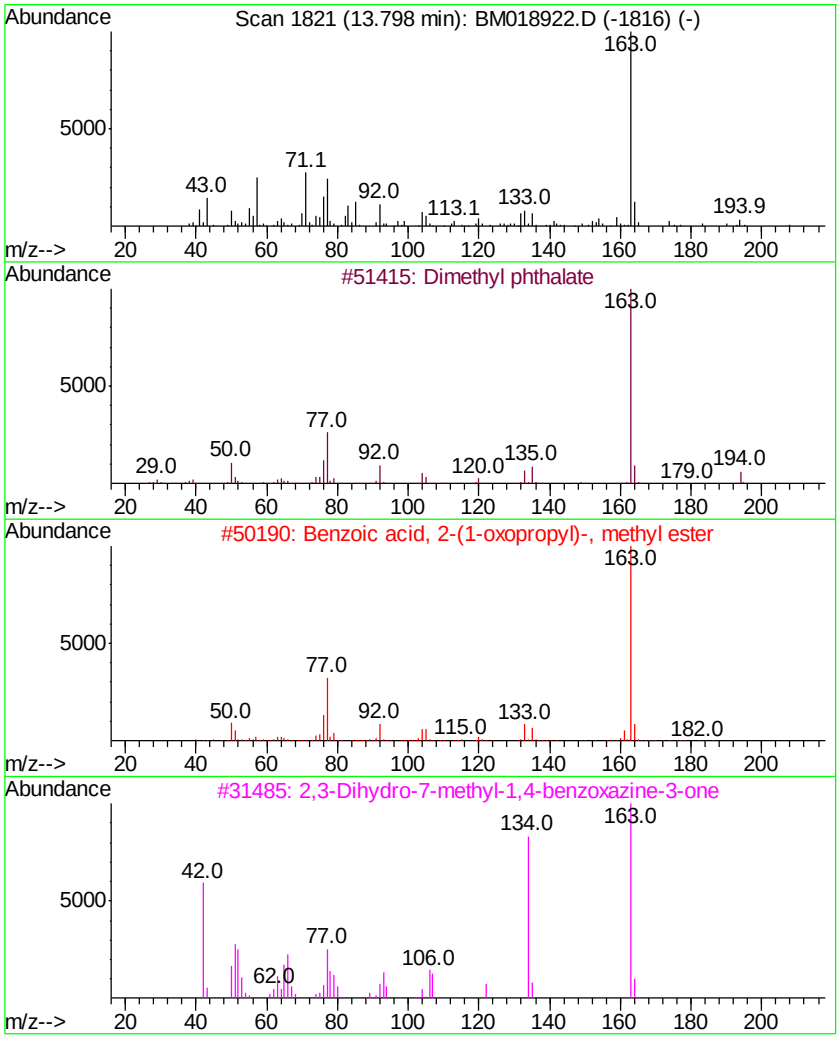
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

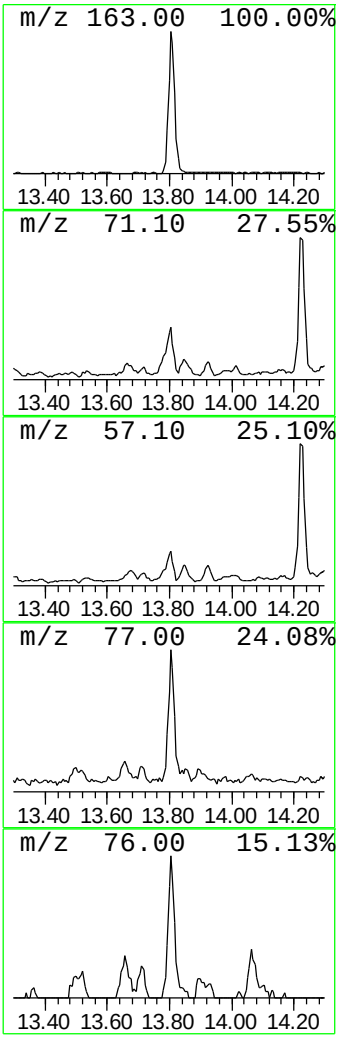
****

Peak Number 3 Dimethyl phthalate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	2.32 ng	293924	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	90
2	Benzoic acid, 2-(1-oxopropyl)-, ...	192	C11H12O3	032025-37-9	64
3	2,3-Dihydro-7-methyl-1,4-benzoxa...	163	C9H9NO2	039522-25-3	50
4	p-Amidinobenzamide	163	C8H9N3O	054050-86-1	43
5	.delta.2-1,3,4-Oxadiazolin-5-one...	163	C7H5N3O2	002845-82-1	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018922.D
Acq On : 25 Feb 2019 20:23
Operator : JU/SJ
Sample : K1356-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

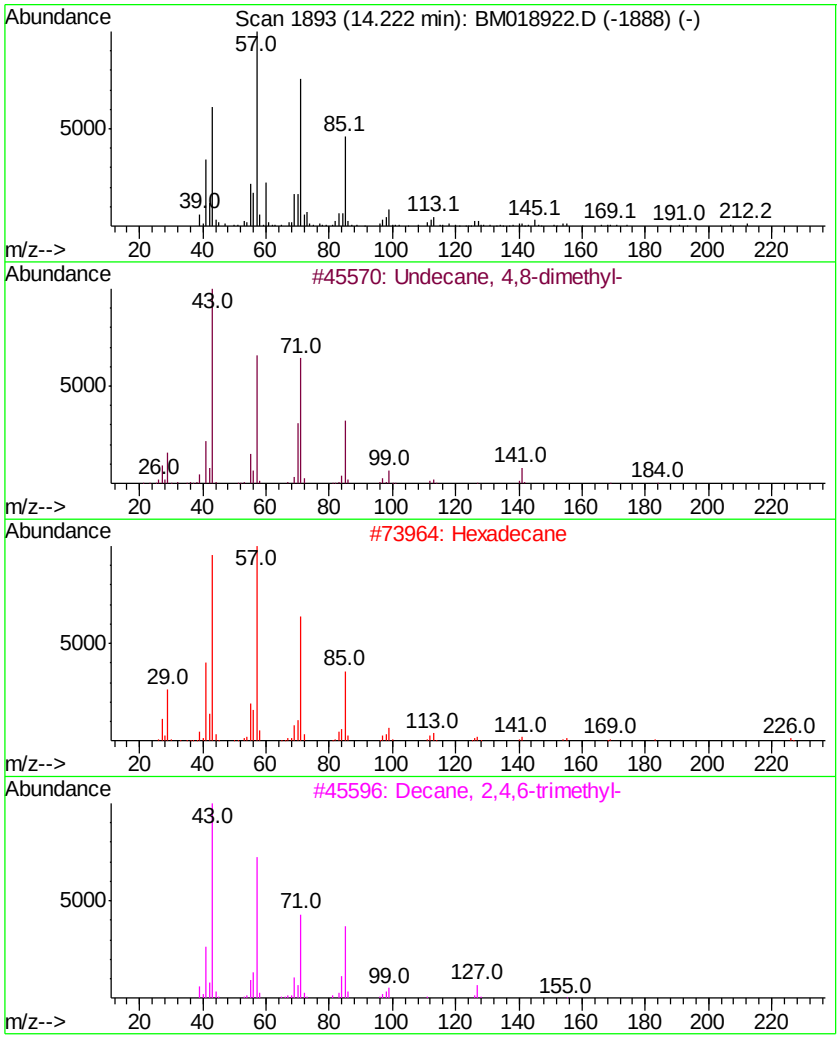
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

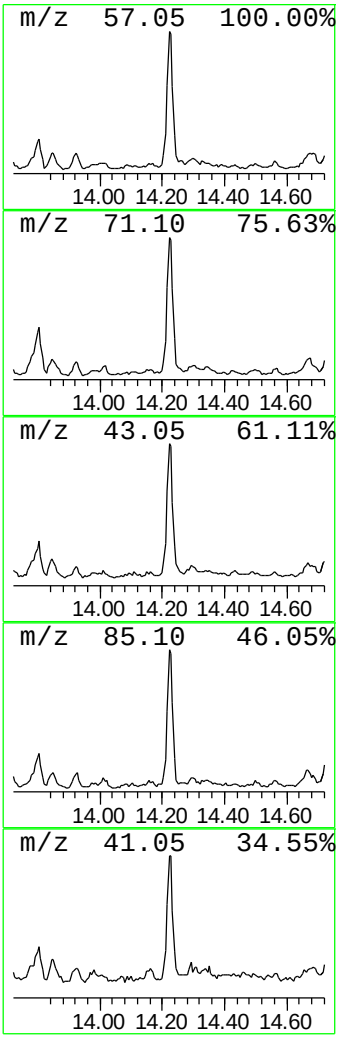
****

Peak Number 4 Undecane, 4,8-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	3.66 ng	463612	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	72
2	Hexadecane	226	C16H34	000544-76-3	72
3	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	72
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018922.D
Acq On : 25 Feb 2019 20:23
Operator : JU/SJ
Sample : K1356-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

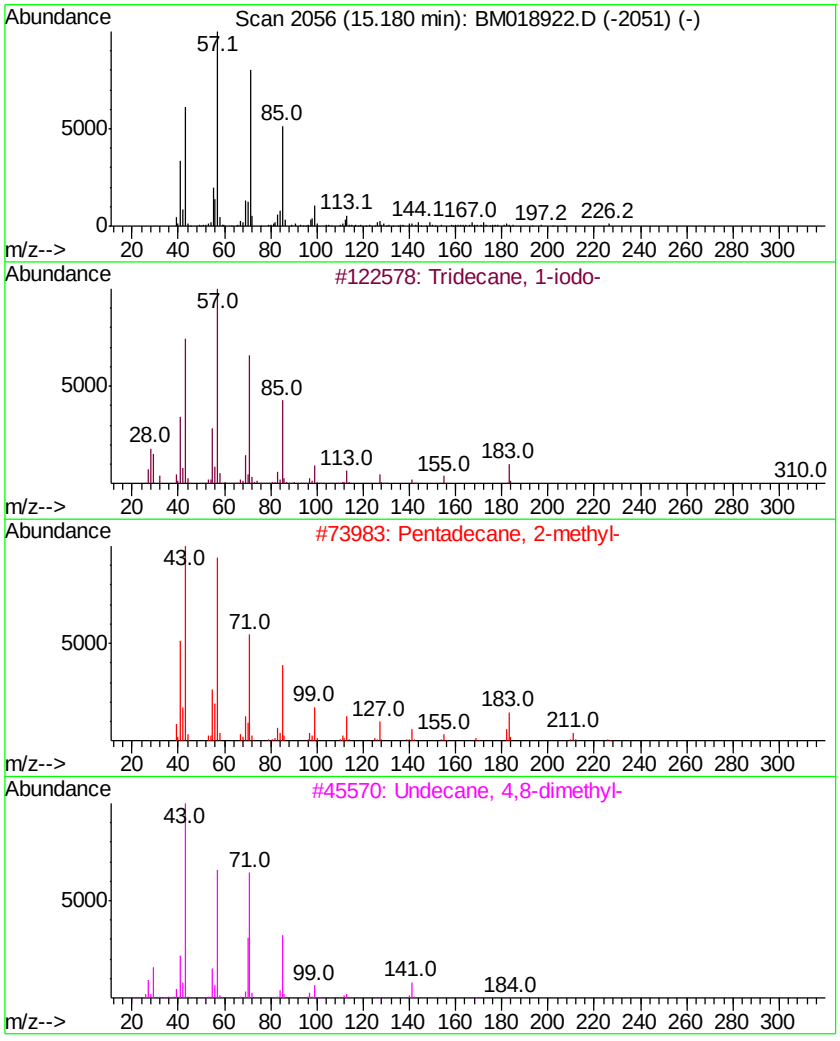
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

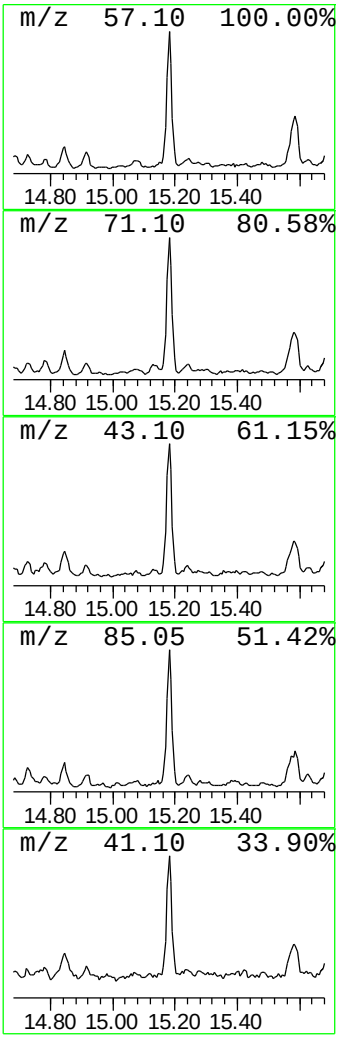
****

Peak Number 5 Tridecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	3.16 ng	401105	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
2	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	80
3	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	78
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018922.D
Acq On : 25 Feb 2019 20:23
Operator : JU/SJ
Sample : K1356-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

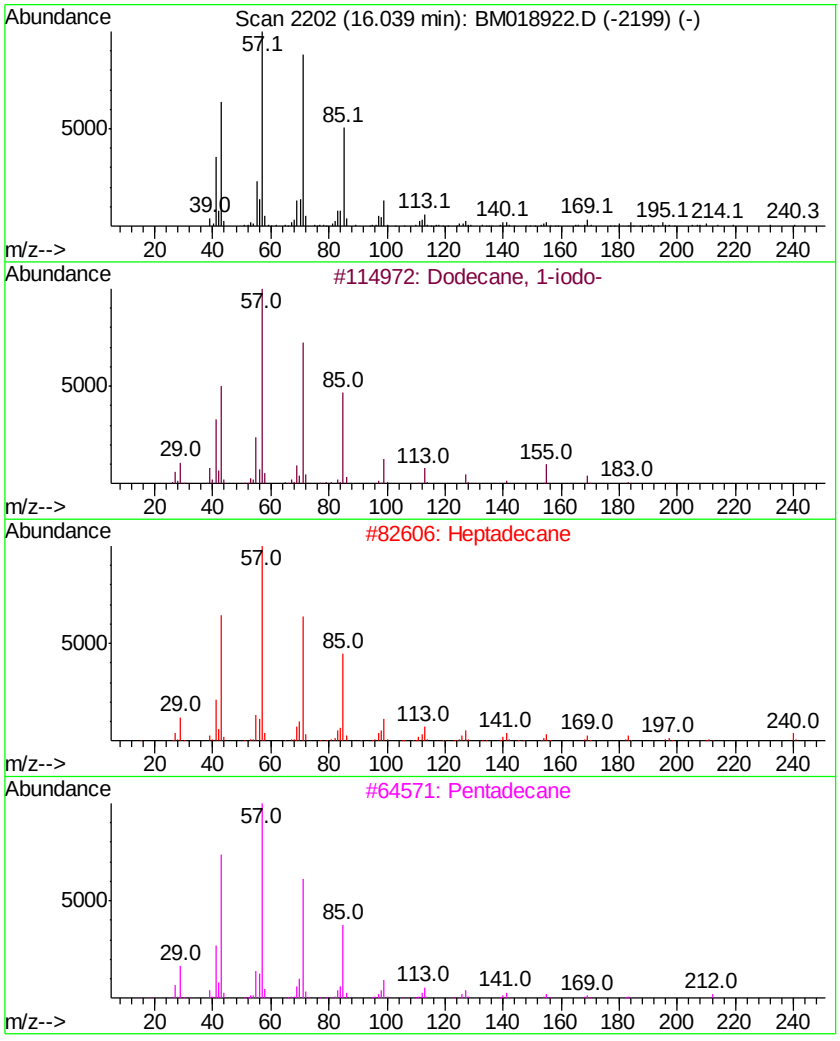
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

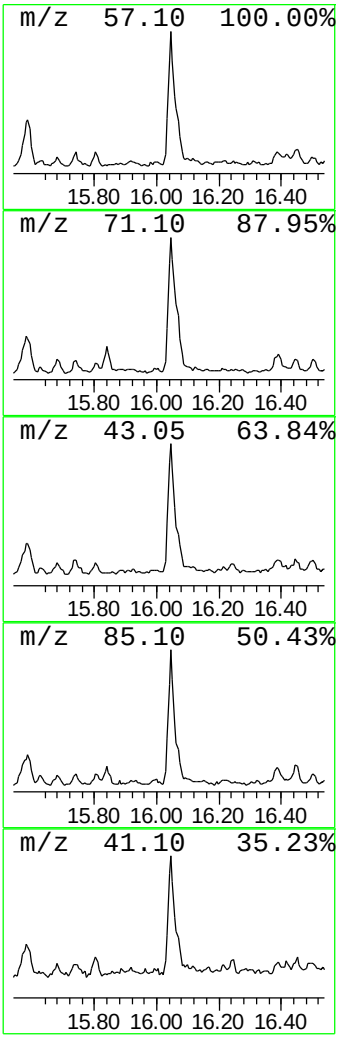
****

Peak Number 6 Dodecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	4.45 ng	663399	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
5	Tridecane	184	C13H28	000629-50-5	80





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Data File : BM018922.D
Acq On : 25 Feb 2019 20:23
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Sample : K1356-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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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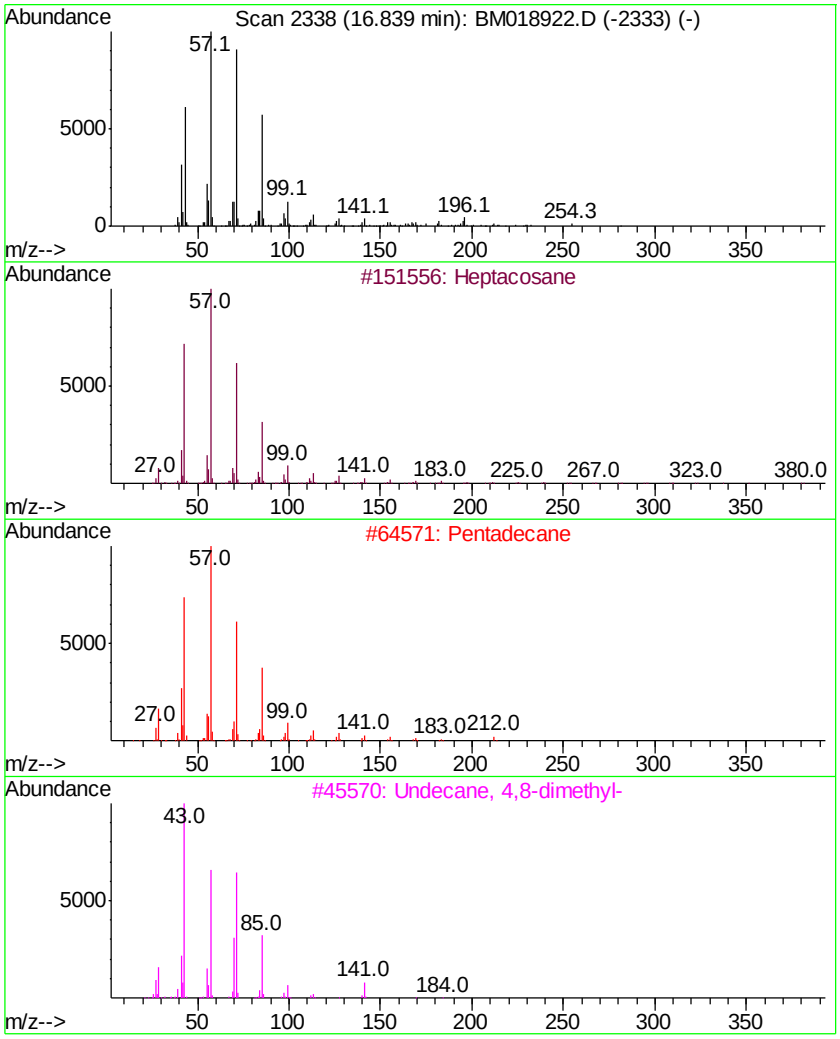
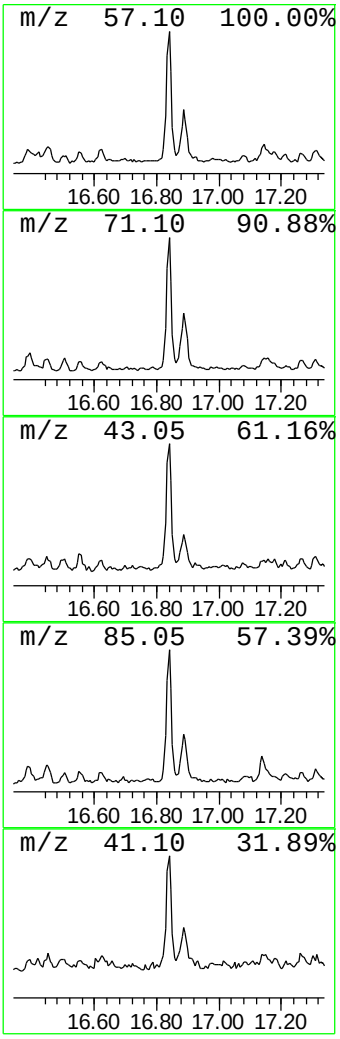
Peak Number 7 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	2.58 ng	385088	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	72
2	Pentadecane	212	C15H32	000629-62-9	72
3	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	72
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
5	Hexadecane	226	C16H34	000544-76-3	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018922.D
Acq On : 25 Feb 2019 20:23
Operator : JU/SJ
Sample : K1356-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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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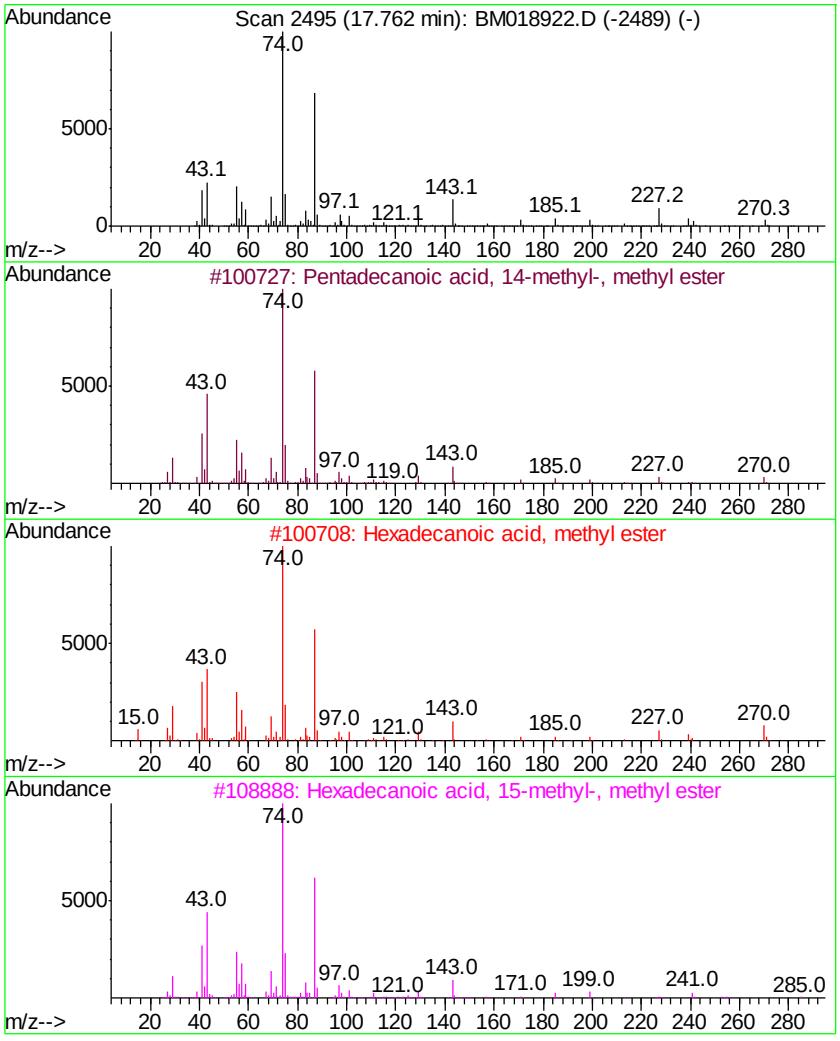
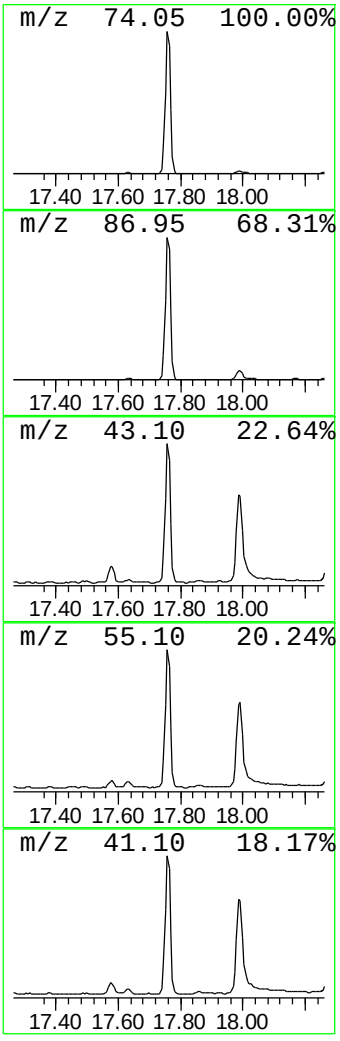
Peak Number 8 Pentadecanoic acid, 14-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	37.73 ng	5621480	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	98
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018922.D
Acq On : 25 Feb 2019 20:23
Operator : JU/SJ
Sample : K1356-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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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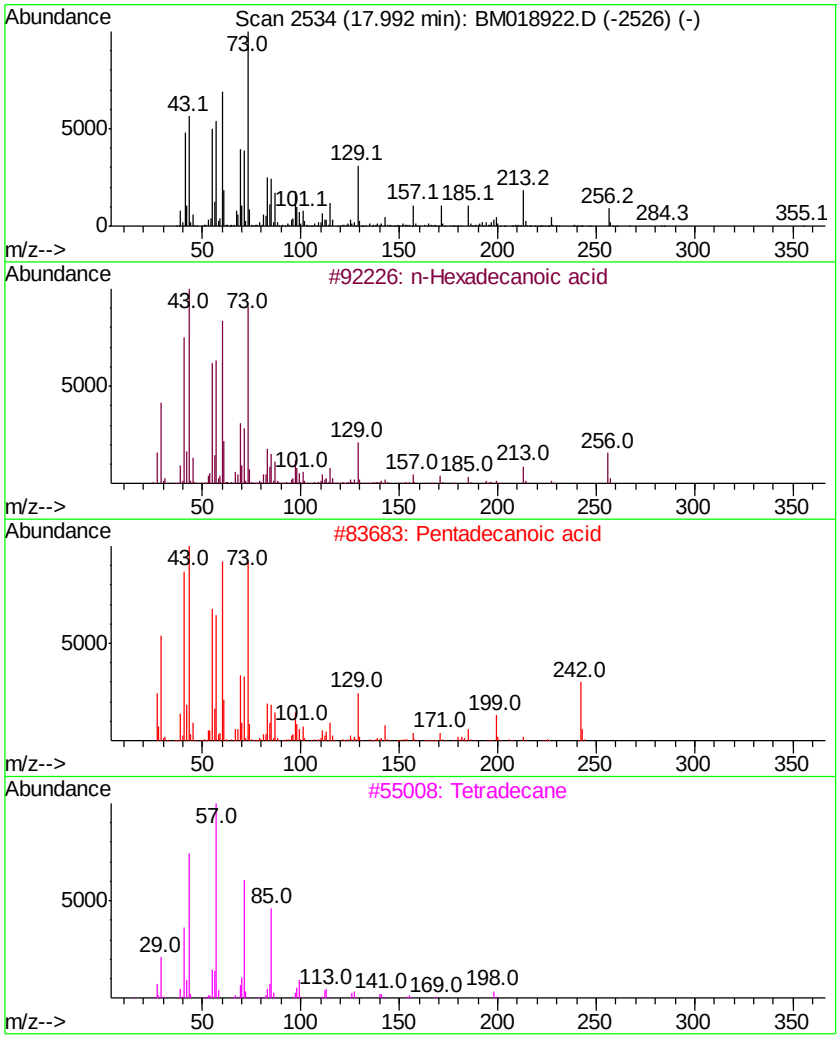
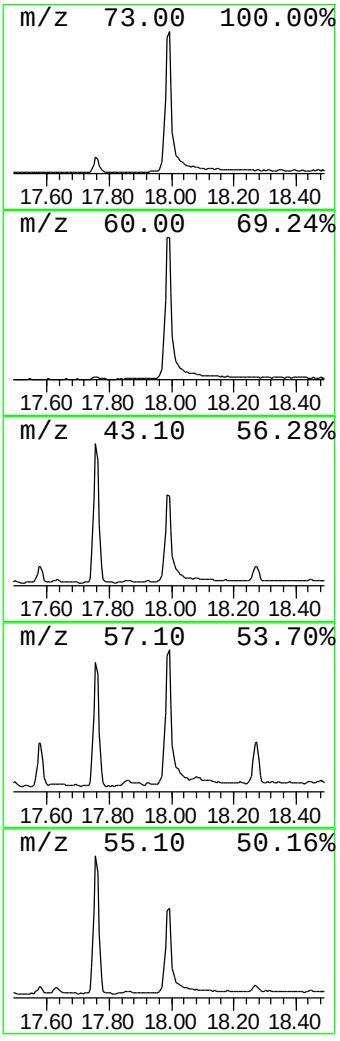
Peak Number 9 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	26.88 ng	4004060	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecane	198	C14H30	000629-59-4	78
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Dodecane	170	C12H26	000112-40-3	18





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Acq On : 25 Feb 2019 20:23
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Sample : K1356-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : SU-02-022219-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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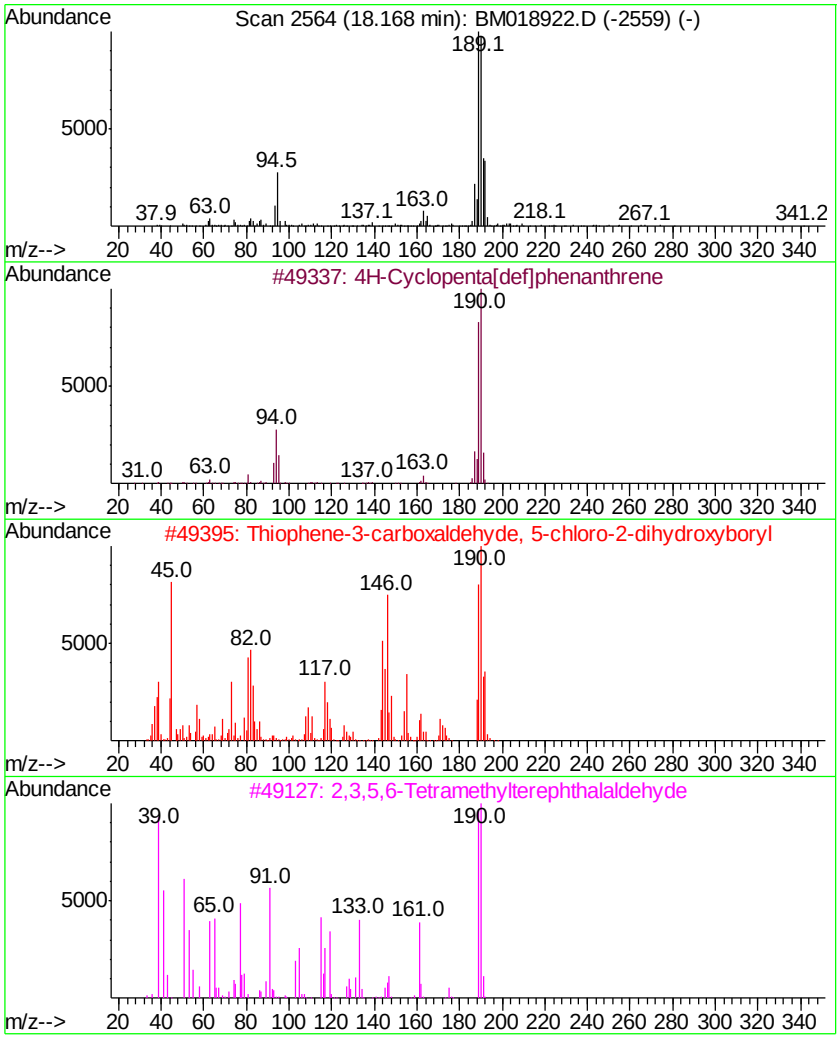
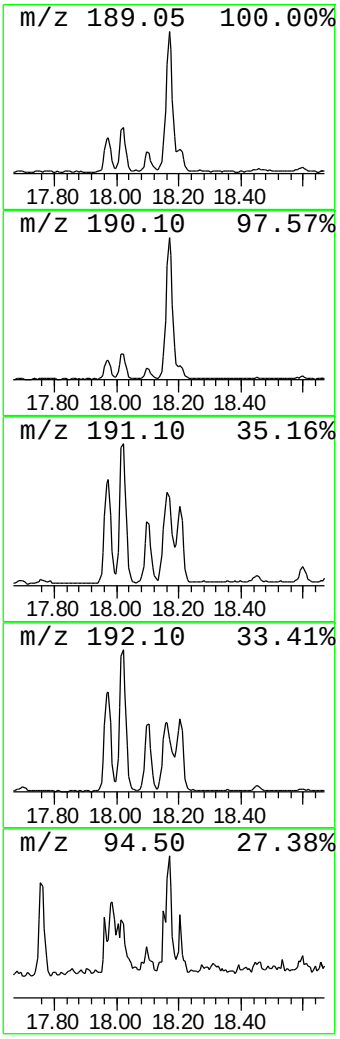
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	5.00 ng	744819	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Sample : K1356-09 2X
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-A

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

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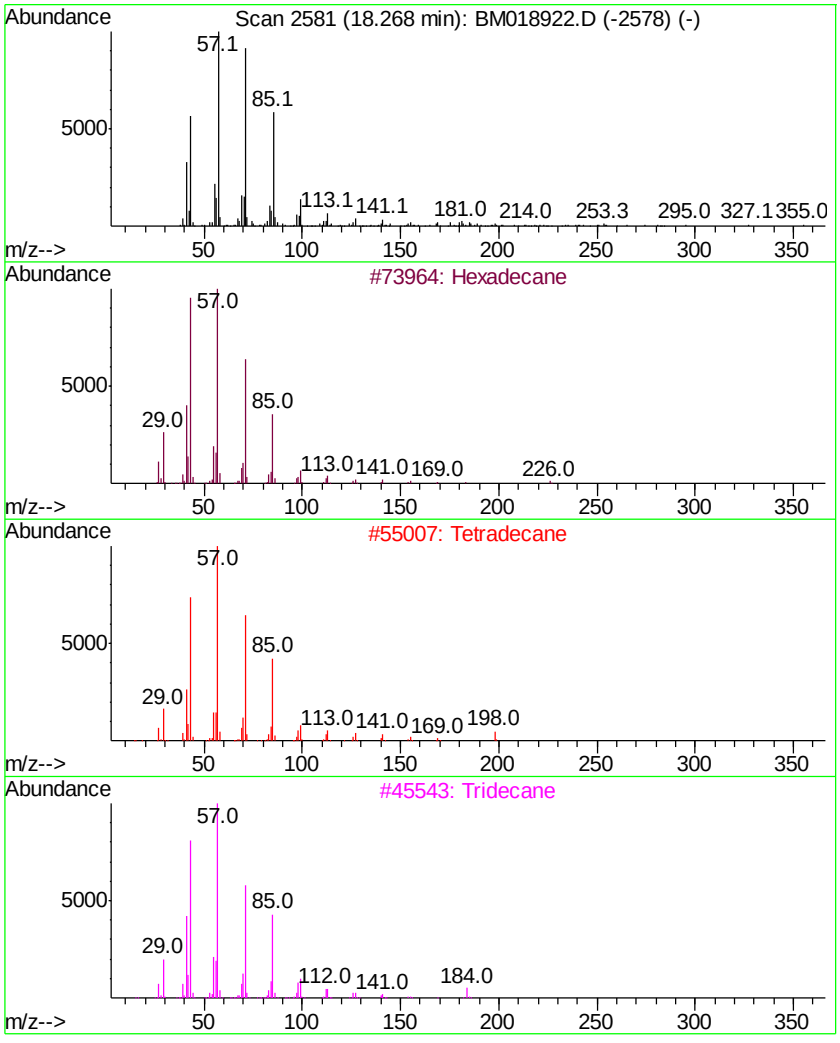
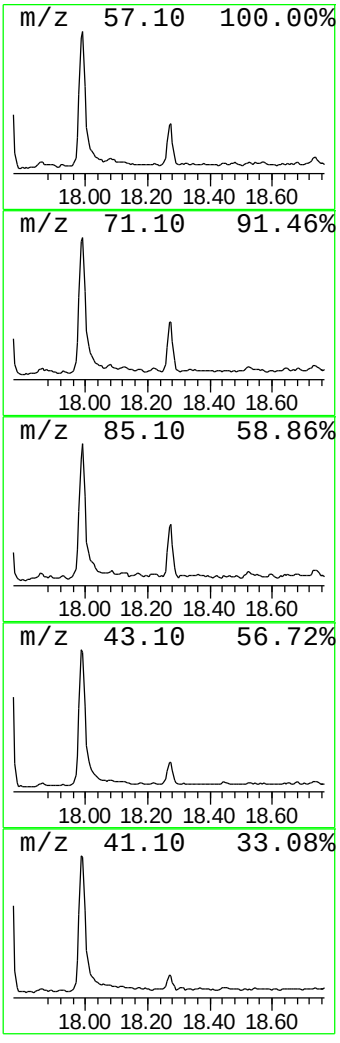
Peak Number 11 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	2.13 ng	317134	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tetradecane	198	C14H30	000629-59-4	87
3	Tridecane	184	C13H28	000629-50-5	86
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-A

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TIC Integration Parameters: LSCINT.P

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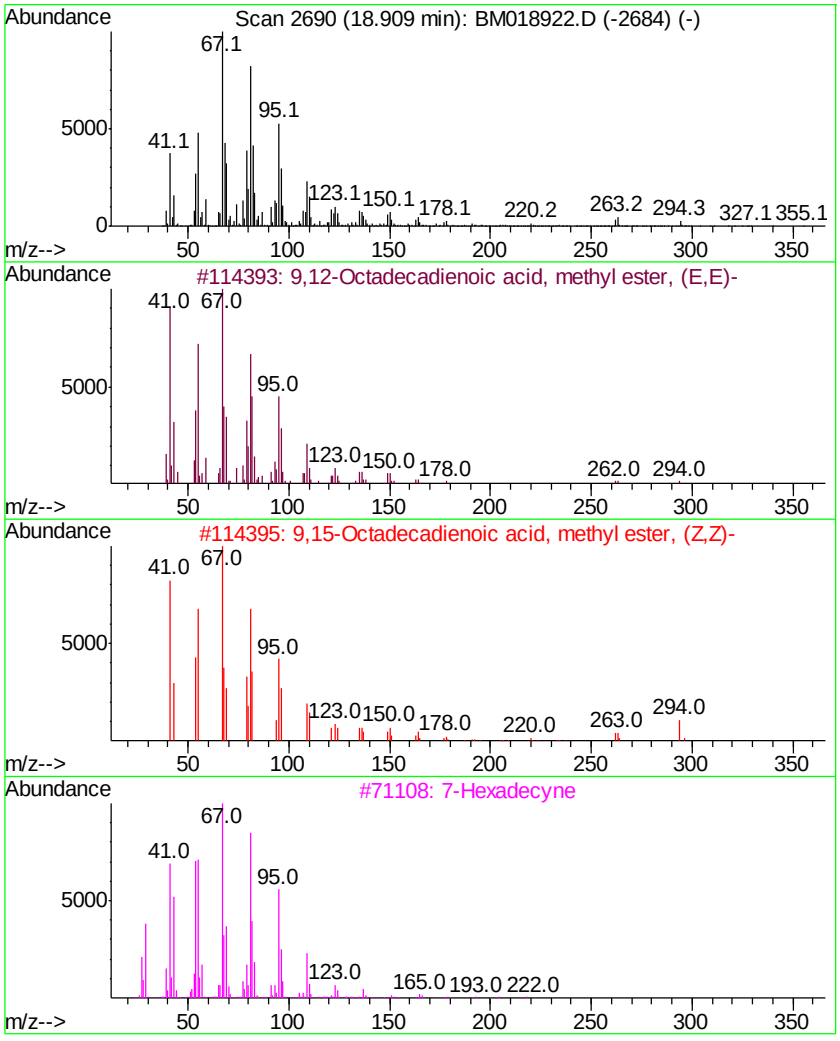
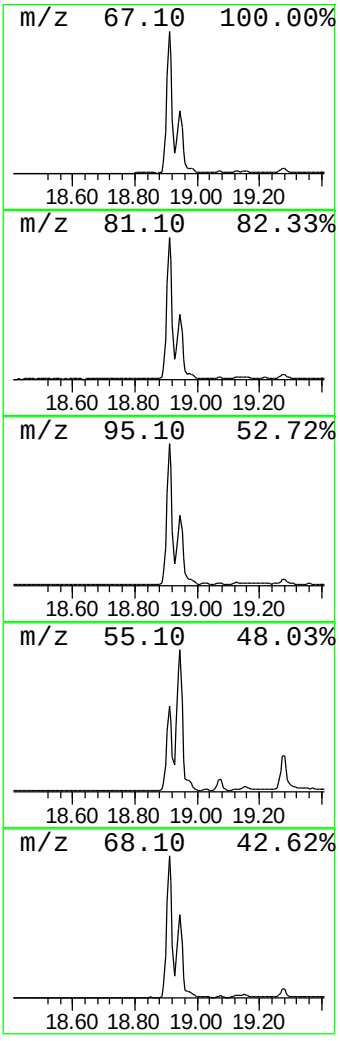
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	125.50 ng	18697600	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	7-Hexadecyne	222	C16H30	074685-28-2	93
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	90
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	90





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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : SU-02-022219-A

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TIC Library : C:\DATABASE\NIST02.L
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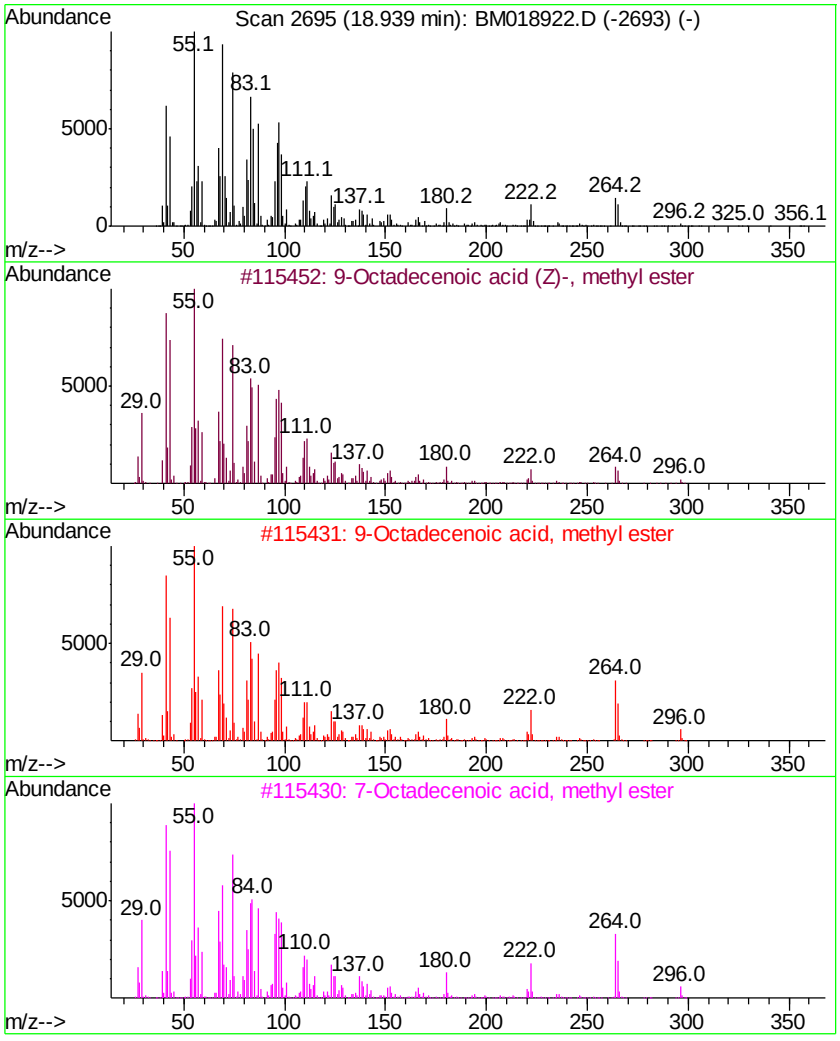
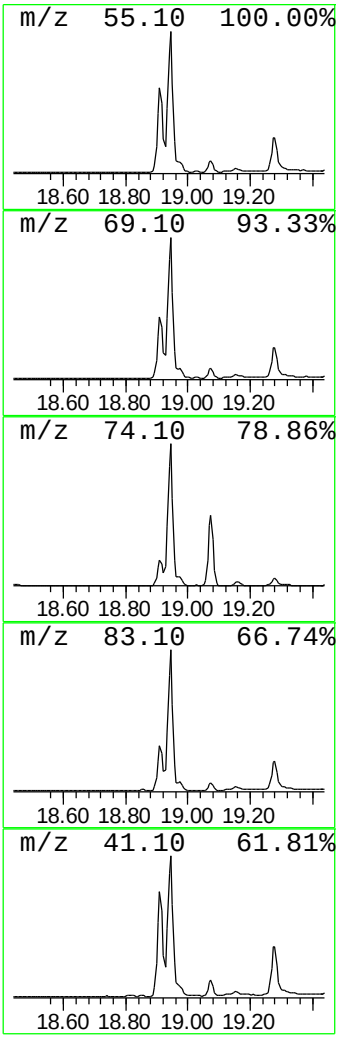
Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	156.25 ng	23279400	Phenanthrene-d10	17.10

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 ester	296	C19H36O2	002462-84-2	99
3	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99
4	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99





Library Search Compound Report

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

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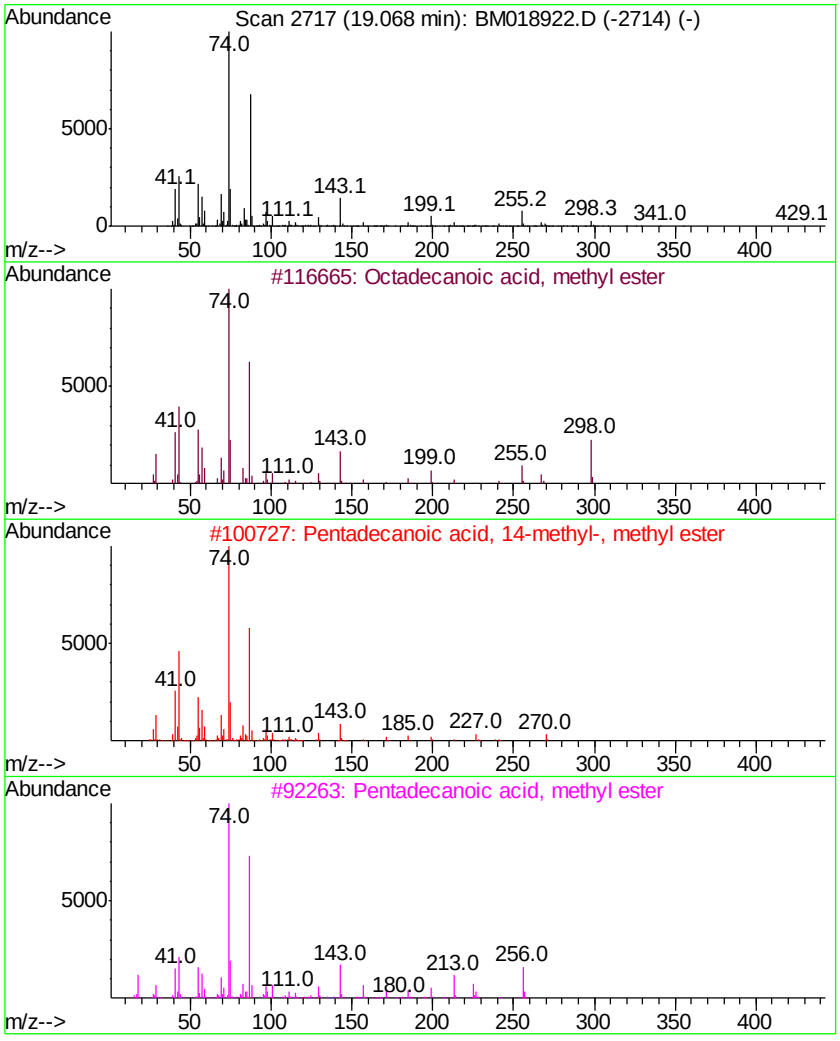
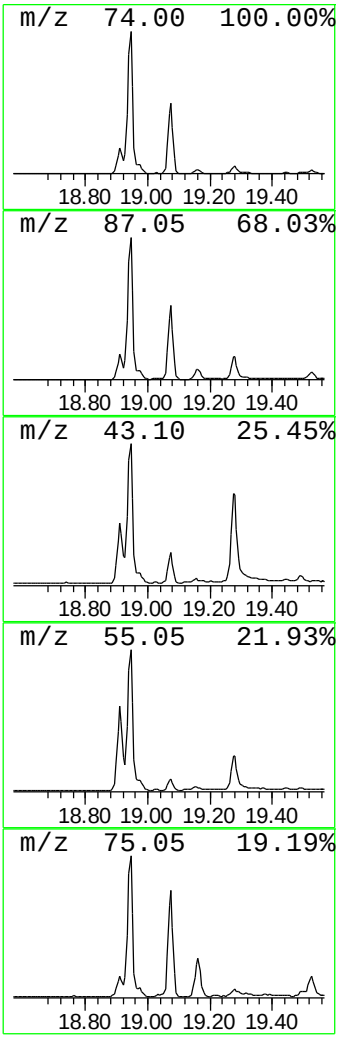
Peak Number 14 Octadecanoic acid, methyl e... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	16.04 ng	2390460	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, methyl ester	298	C19H38O2	000112-61-8	96
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	87
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87





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ClientSampleId : SU-02-022219-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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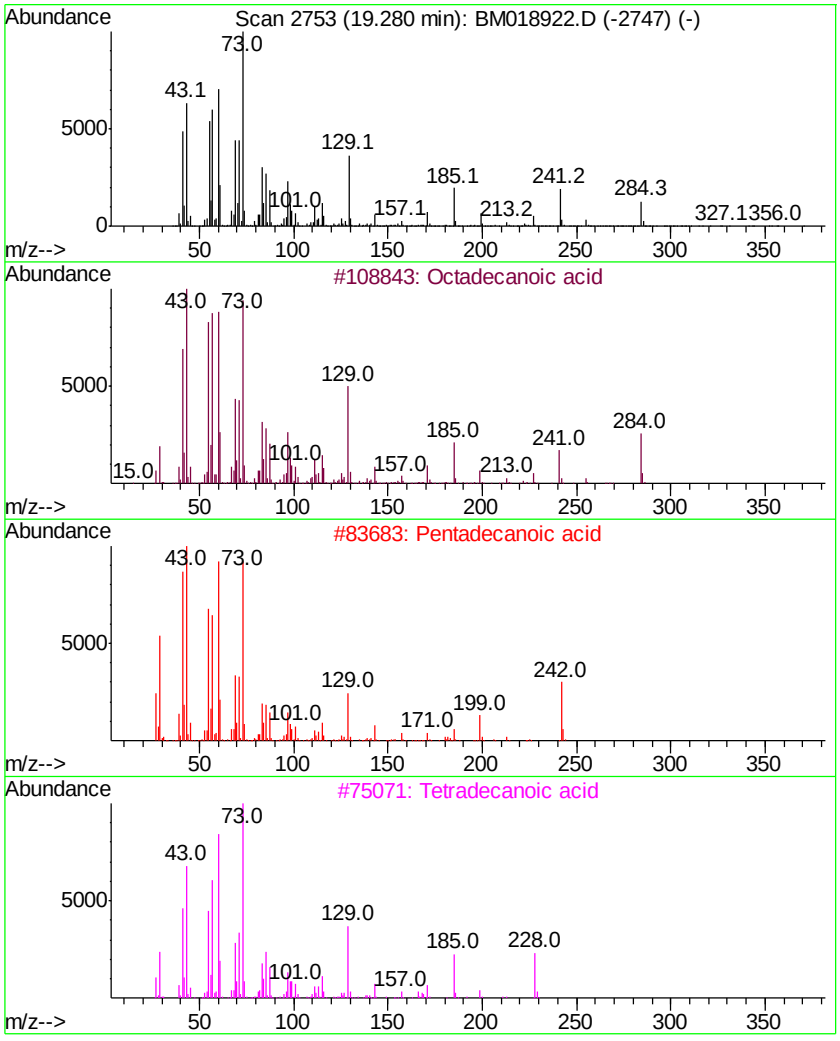
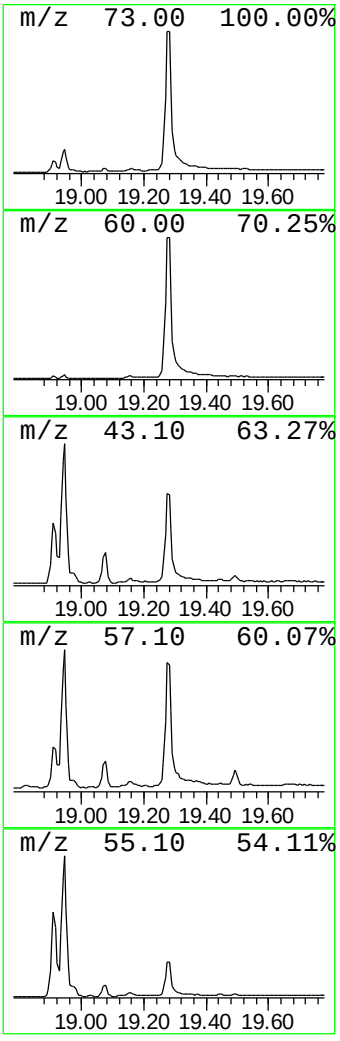
Peak Number 15 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	32.40 ng	7849940	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	15





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Instrument : BNA_M
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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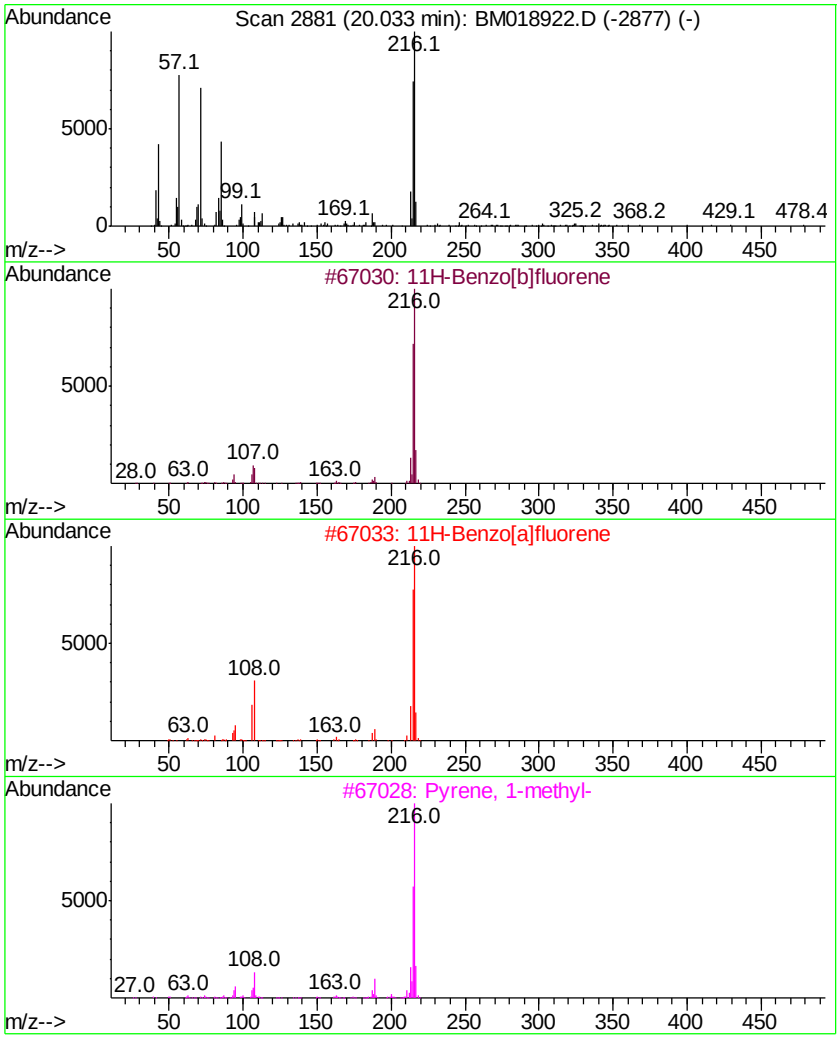
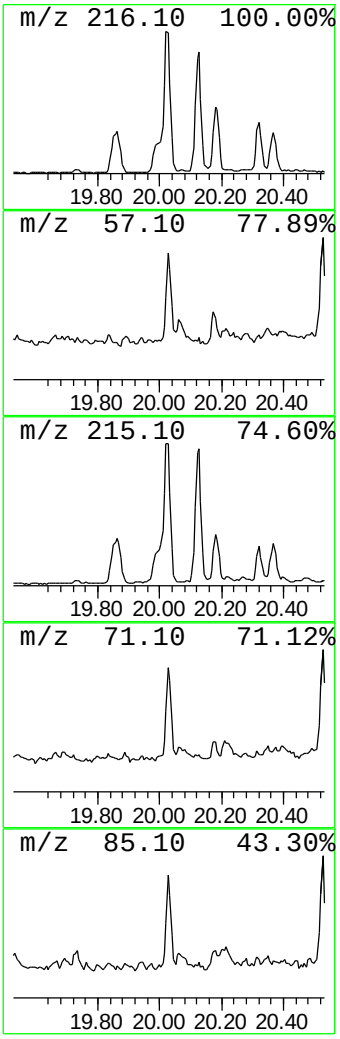
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.20 ng	532556	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	59





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Instrument : BNA_M
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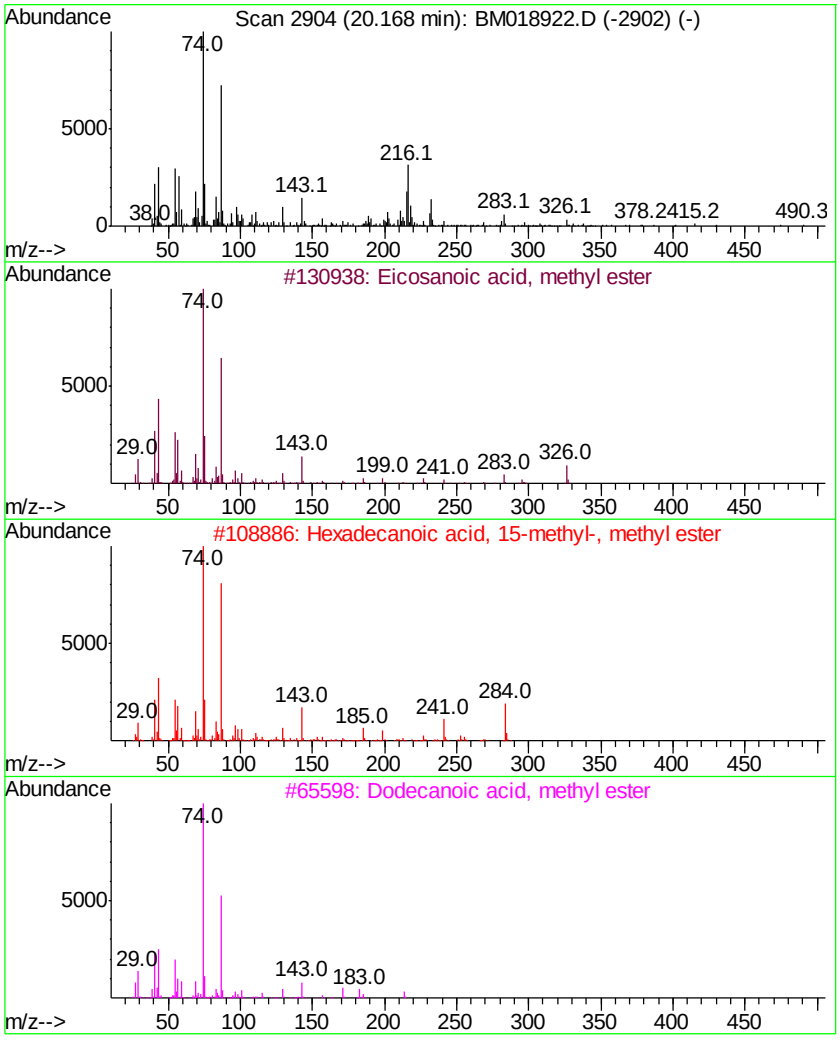
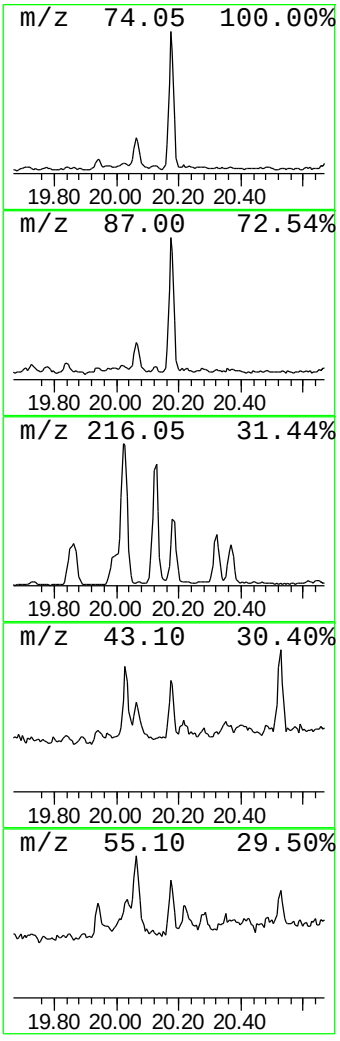
Peak Number 17 Eicosanoic acid, methyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	2.62 ng	634510	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	96
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	90
3	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	60
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	60
5	Octacosanoic acid, methyl ester	438	C29H58O2	055682-92-3	49





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ClientSampleId : SU-02-022219-A

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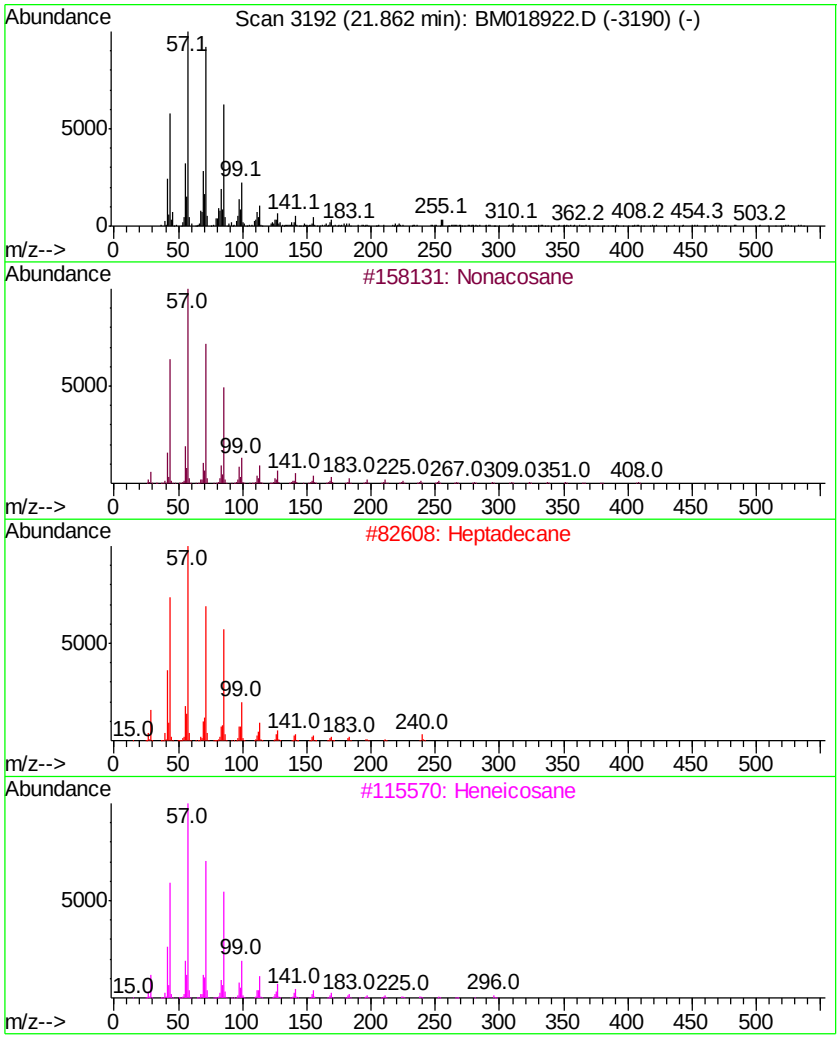
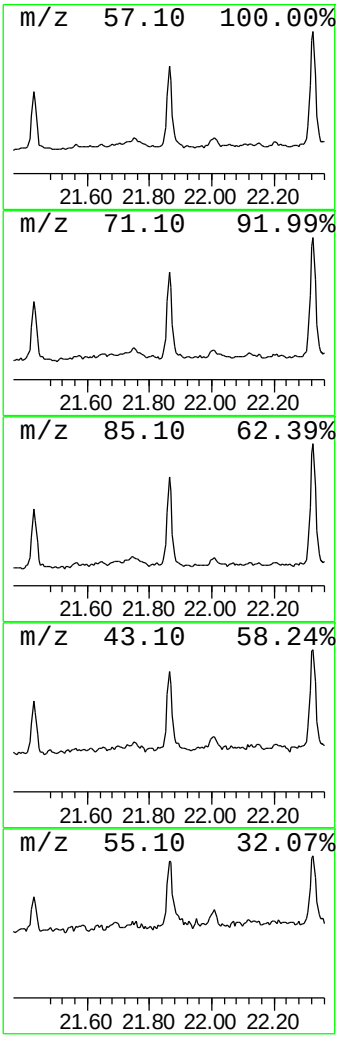
Peak Number 18 Nonacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	2.30 ng	558245	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Docosane, 7-butyl-	366	C26H54	055282-15-0	86





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ClientSampleId : SU-02-022219-A

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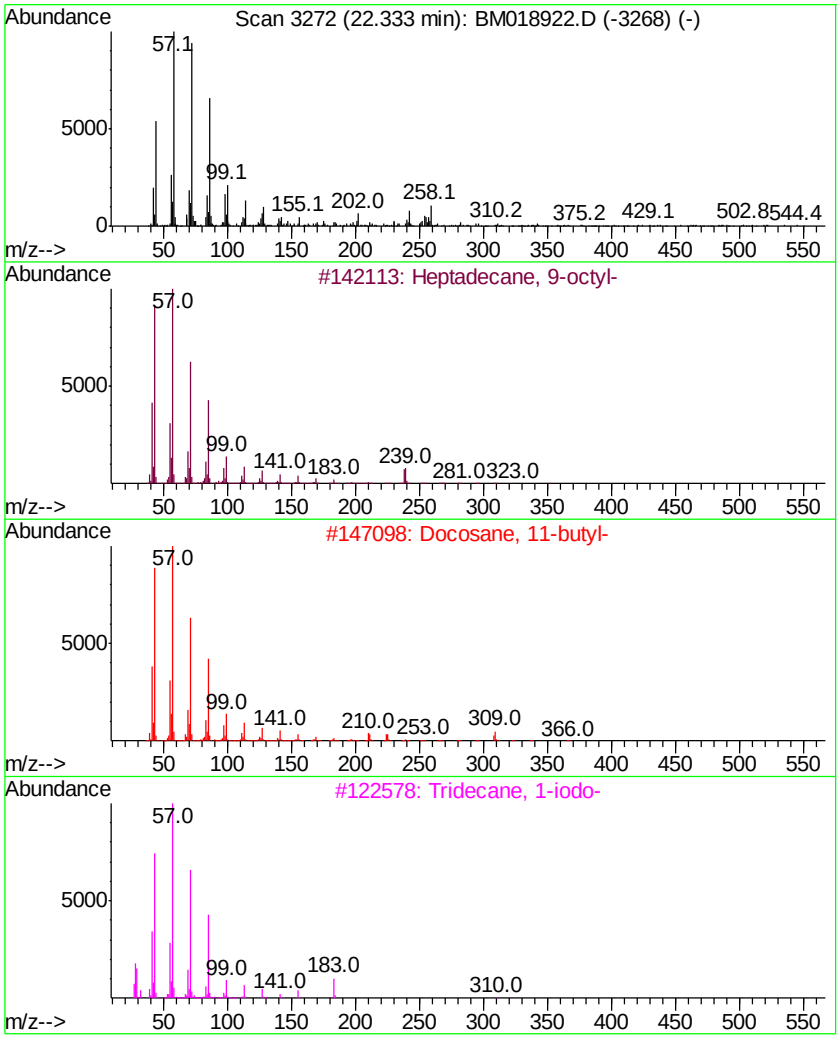
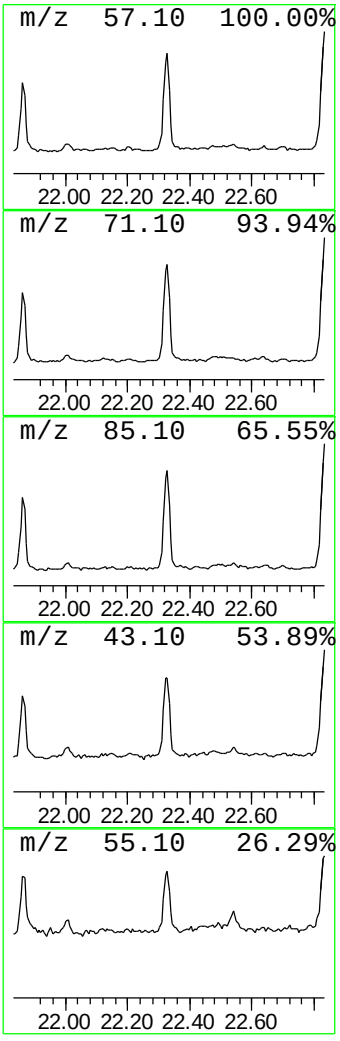
Peak Number 19 Heptadecane, 9-octyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	3.95 ng	957209	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
4	Heptacosane	380	C27H56	000593-49-7	83
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83





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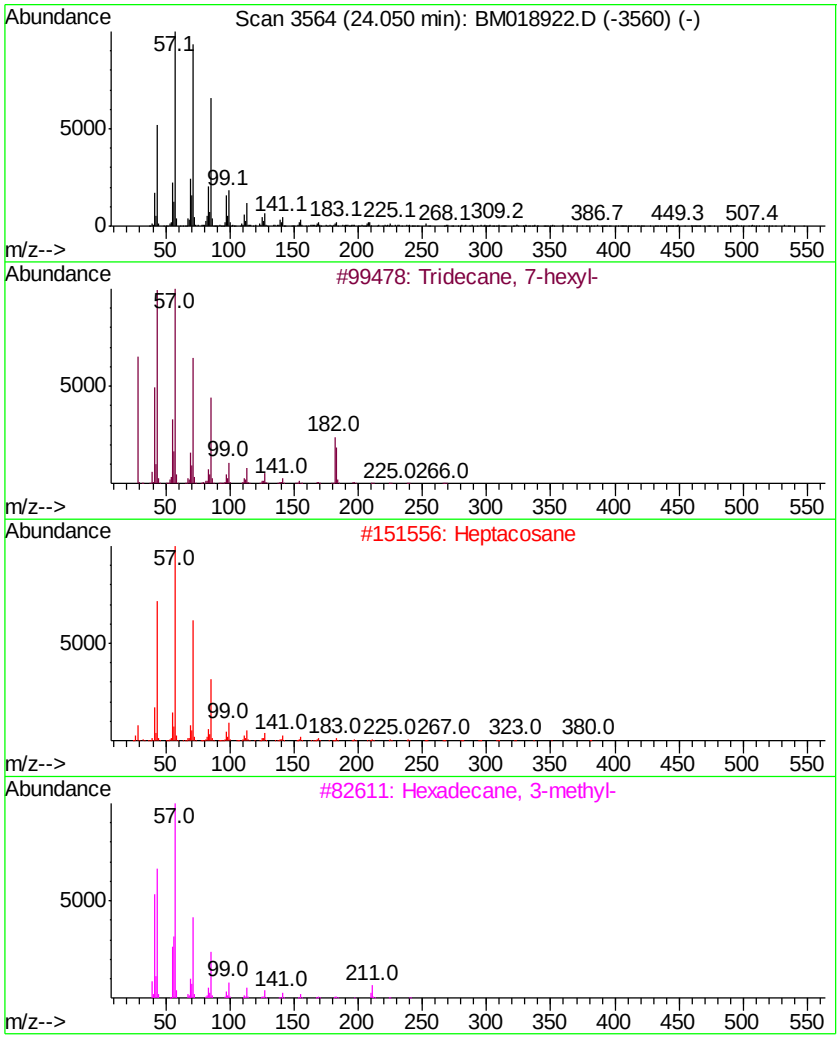
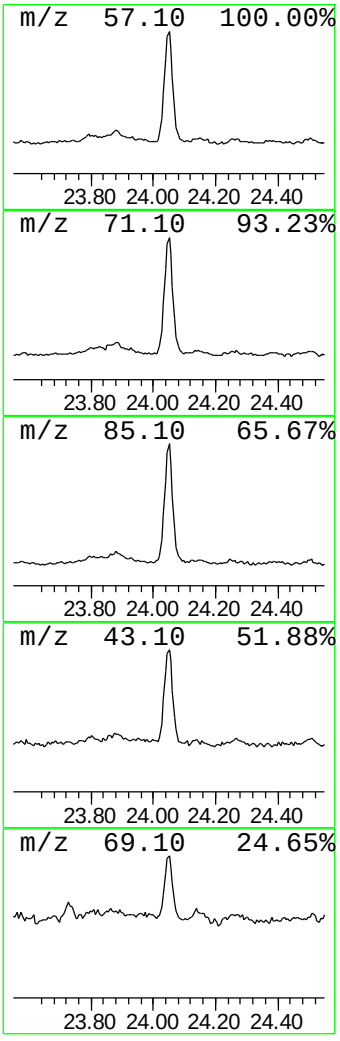
Peak Number 20 Tridecane, 7-hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	11.37 ng	1535830	Perylene-d12	23.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
4	Docosane, 5-butyl-	366	C26H54	055282-16-1	86
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022519\
Data File : BM018922.D
Acq On : 25 Feb 2019 20:23
Operator : JU/SJ
Sample : K1356-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-022219-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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
unknown7.23	7.23	36.0	ng	2760320	1	7.69	1532040	20.0
Dimethyl phthalate	13.80	2.3	ng	293924	3	14.35	2536720	20.0
Undecane, 4,8-dim...	14.22	3.7	ng	463612	3	14.35	2536720	20.0
Tridecane, 1-iodo-	15.18	3.2	ng	401105	3	14.35	2536720	20.0
Dodecane, 1-iodo-	16.04	4.5	ng	663399	4	17.10	2979750	20.0
Heptacosane	16.84	2.6	ng	385088	4	17.10	2979750	20.0
Pentadecanoic aci...	17.76	37.7	ng	5621480	4	17.10	2979750	20.0
n-Hexadecanoic acid	17.99	26.9	ng	4004060	4	17.10	2979750	20.0
4H-Cyclopenta[def...	18.17	5.0	ng	744819	4	17.10	2979750	20.0
Hexadecane	18.27	2.1	ng	317134	4	17.10	2979750	20.0
9,12-Octadecadien...	18.91	125.5	ng	18697600	4	17.10	2979750	20.0
9-Octadecenoic ac...	18.94	156.3	ng	23279400	4	17.10	2979750	20.0
Octadecanoic acid...	19.07	16.0	ng	2390460	4	17.10	2979750	20.0
Octadecanoic acid	19.28	32.4	ng	7849940	5	21.29	4845510	20.0
11H-Benzo[b]fluorene	20.03	2.2	ng	532556	5	21.29	4845510	20.0
Eicosanoic acid, ...	20.17	2.6	ng	634510	5	21.29	4845510	20.0
Nonacosane	21.86	2.3	ng	558245	5	21.29	4845510	20.0
Heptadecane, 9-oc...	22.33	4.0	ng	957209	5	21.29	4845510	20.0
Tridecane, 7-hexyl-	24.05	11.4	ng	1535830	6	23.55	2702160	20.0