LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040733.D
Acq On : 3 May 2019 20:23
Operator : JU/SJ
Sample : K2667-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

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_G\METHODS\8270-BG042319.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	3.152	7	11	21	rBV	121639	219696	4.90%	0.674%
2	5.679	433	441	451	rBV	1032983	1659274	37.02%	5.090%
3	7.283	705	714	726	rBV	1179597	2025925	45.20%	6.214%
4	7.671	773	780	790	rVB	1072590	1801906	40.20%	5.527%
5	8.147	854	861	873	rBV	168964	293545	6.55%	0.900%
6	8.470	907	916	928	rBV	727454	1248280	27.85%	3.829%
7	9.322	1053	1061	1069	rBV	686558	1217998	27.18%	3.736%
8	10.973	1334	1342	1348	rBV	239247	432629	9.65%	1.327%
9	13.399	1744	1755	1766	rBV	1825150	2767605	61.75%	8.489%
10	14.216	1887	1894	1900	rBV	214051	296655	6.62%	0.910%
11	14.774	1978	1989	1997	rBV2	432859	700716	15.63%	2.149%
12	16.261	2234	2242	2253	rBV	1877906	2841904	63.41%	8.717%
13	16.813	2327	2336	2341	rBV9	17849	50842	1.13%	0.156%
14	17.518	2450	2456	2460	rBV2	646340	979832	21.86%	3.006%
15	17.559	2460	2463	2469	rVB	181699	256195	5.72%	0.786%
16	18.094	2551	2554	2561	rVB2	36176	60549	1.35%	0.186%
17	18.241	2575	2579	2586	rVB5	23833	48924	1.09%	0.150%
18	18.376	2597	2602	2608	rBV2	523925	797675	17.80%	2.447%
19	18.435	2608	2612	2619	rVB	118769	187029	4.17%	0.574%
20	18.581	2631	2637	2640	rBV2	93198	176176	3.93%	0.540%
21	18.617	2640	2643	2647	rVB	73655	106672	2.38%	0.327%
22	18.881	2684	2688	2691	rBV2	46607	63697	1.42%	0.195%
23	18.928	2691	2696	2700	rVB6	27115	48074	1.07%	0.147%
24	19.128	2721	2730	2734	rBV4	32186	81246	1.81%	0.249%
25	19.169	2734	2737	2741	rBV	42956	58612	1.31%	0.180%
26	19.292	2753	2758	2763	rBV2	114730	196663	4.39%	0.603%
27	19.351	2763	2768	2771	rVV5	38352	77593	1.73%	0.238%
28	19.386	2771	2774	2777	rVB2	37874	45666	1.02%	0.140%
29	19.433	2777	2782	2787	rBV6	41353	92933	2.07%	0.285%
30	19.557	2799	2803	2809	rVB	235326	335098	7.48%	1.028%
31	19.639	2810	2817	2824	rVB3	206083	328559	7.33%	1.008%
32	19.803	2839	2845	2847	rBV5	36728	70446	1.57%	0.216%
33	19.921	2860	2865	2872	rVV	359328	549516	12.26%	1.686%
34	19.986	2873	2876	2881	rVB	51842	74589	1.66%	0.229%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040733.D
Acq On : 3 May 2019 20:23
Operator : JU/SJ
Sample : K2667-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

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_G\METHODS\8270-BG042319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.115	2892	2898	2910	rVB	3539220	4481880	100.00%	13.748%
36	20.238	2914	2919	2920	rBV3	43574	60942	1.36%	0.187%
37	20.385	2938	2944	2946	rBV7	65069	130095	2.90%	0.399%
38	20.567	2971	2975	2979	rVB	86729	113250	2.53%	0.347%
39	20.708	2995	2999	3003	rBV	100159	153488	3.42%	0.471%
40	20.749	3003	3006	3010	rVB	72399	96971	2.16%	0.297%
41	20.861	3021	3025	3028	rBV5	38363	70331	1.57%	0.216%
42	21.178	3076	3079	3084	rVB3	33031	50365	1.12%	0.154%
43	21.402	3114	3117	3126	rVB2	393269	564485	12.59%	1.731%
44	21.801	3176	3185	3190	rBV3	662106	1379382	30.78%	4.231%
45	21.848	3190	3193	3200	rVB2	152764	251289	5.61%	0.771%
46	21.960	3209	3212	3217	rVB4	47459	67275	1.50%	0.206%
47	22.553	3310	3313	3316	rBV	38265	50650	1.13%	0.155%
48	22.594	3316	3320	3322	rVV	60389	87406	1.95%	0.268%
49	22.630	3322	3326	3335	rVB4	103659	203379	4.54%	0.624%
50	23.311	3437	3442	3451	rVB2	80095	144893	3.23%	0.444%
51	23.511	3472	3476	3484	rVB2	57608	122231	2.73%	0.375%
52	23.687	3499	3506	3514	rVB6	98606	216094	4.82%	0.663%
53	24.087	3567	3574	3577	rBV3	53038	126817	2.83%	0.389%
54	24.145	3579	3584	3592	rVV3	172637	402359	8.98%	1.234%
55	24.234	3592	3599	3615	rVB4	180208	511985	11.42%	1.570%
56	24.845	3699	3703	3712	rVB2	47673	114036	2.54%	0.350%
57	24.997	3722	3729	3737	rVB2	66924	178838	3.99%	0.549%
58	25.156	3745	3756	3766	rBV	391047	1224574	27.32%	3.756%
59	26.331	3947	3956	3967	rVB5	141692	447263	9.98%	1.372%
60	26.478	3972	3981	3992	rBV5	131692	443712	9.90%	1.361%
61	29.480	4481	4492	4494	rBV5	66500	181779	4.06%	0.558%
62	30.015	4576	4583	4597	rVB5	42521	192058	4.29%	0.589%
63	30.720	4693	4703	4717	rBV5	76045	340715	7.60%	1.045%

Sum of corrected areas: 32601261

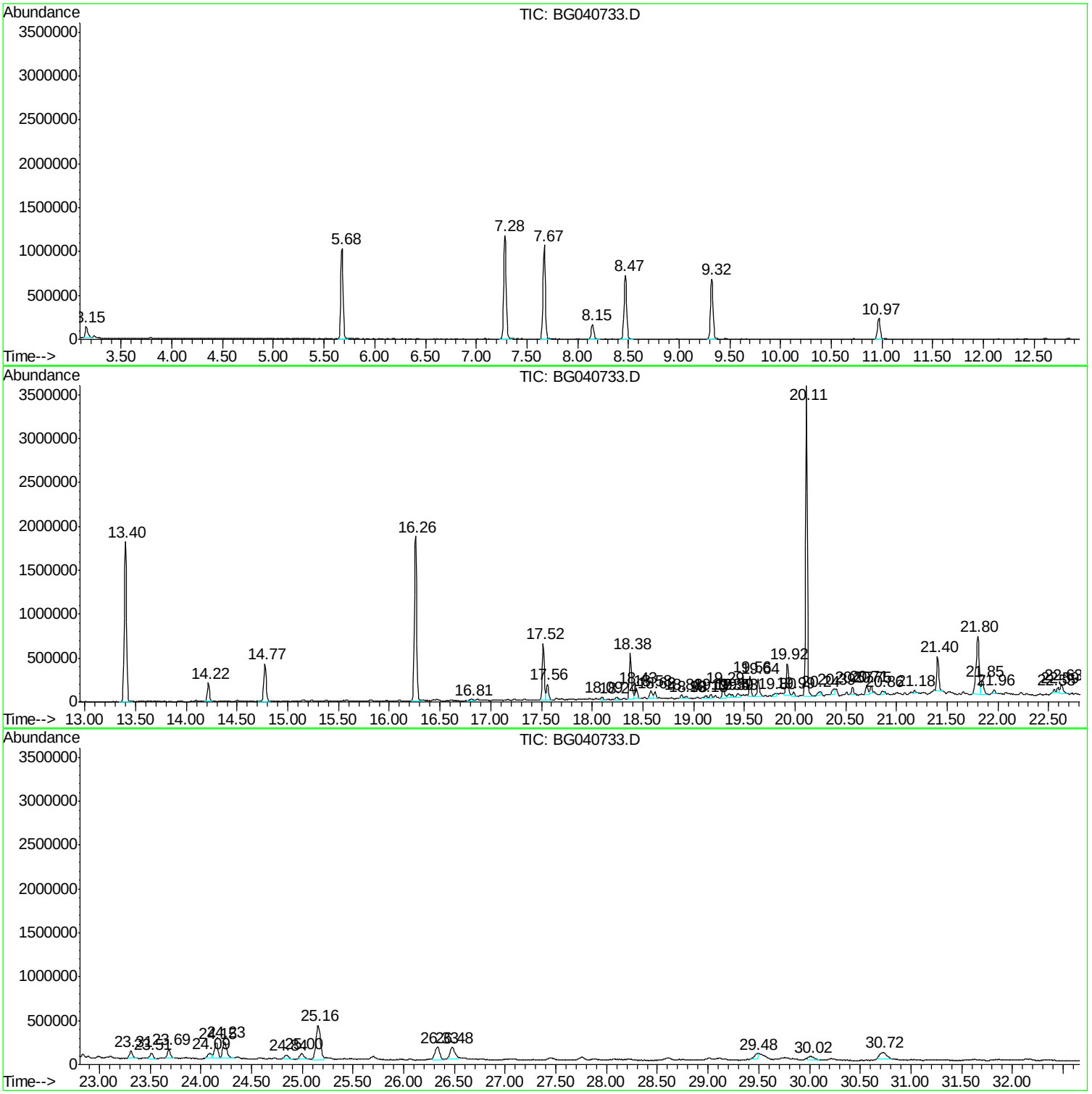
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040733.D
Acq On : 3 May 2019 20:23
Operator : JU/SJ
Sample : K2667-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040733.D
Acq On : 3 May 2019 20:23
Operator : JU/SJ
Sample : K2667-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

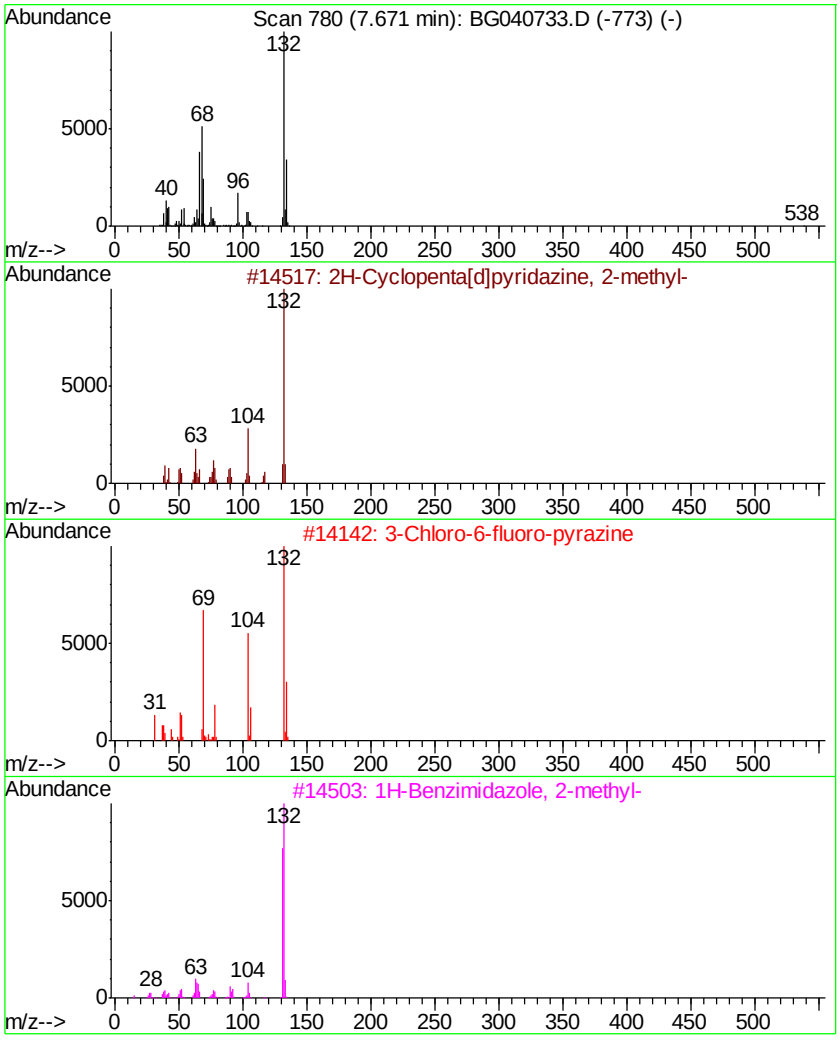
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

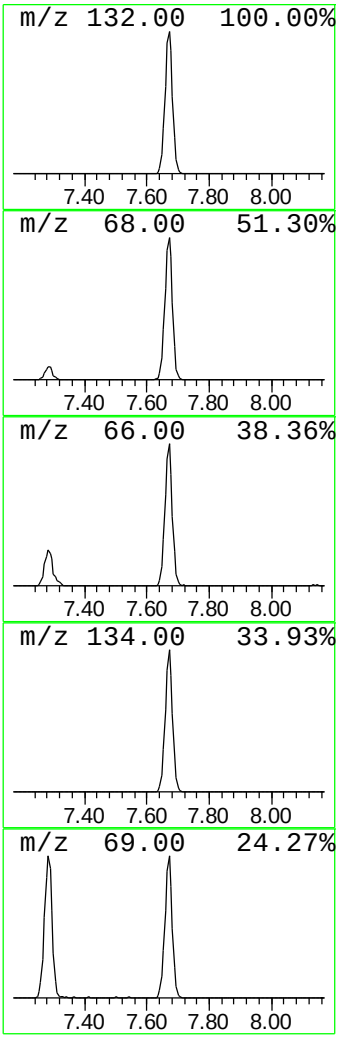
****

Peak Number 2 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	122.77 ng	1801910	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040733.D
Acq On : 3 May 2019 20:23
Operator : JU/SJ
Sample : K2667-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

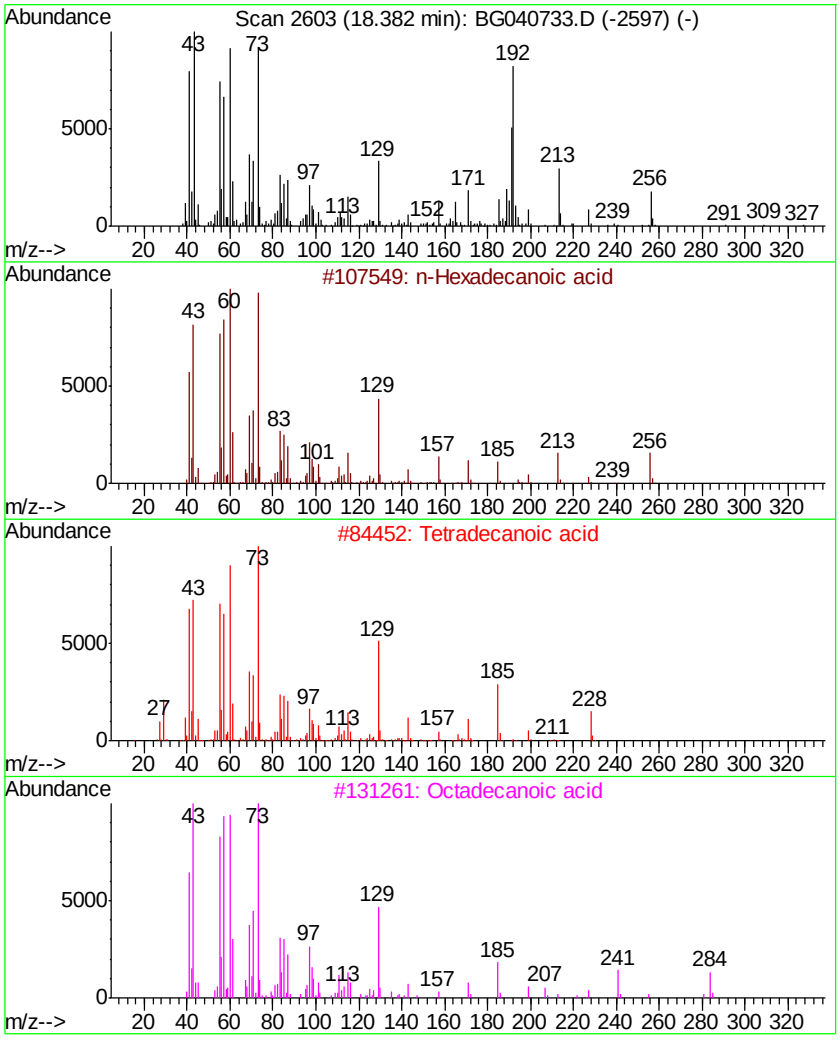
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

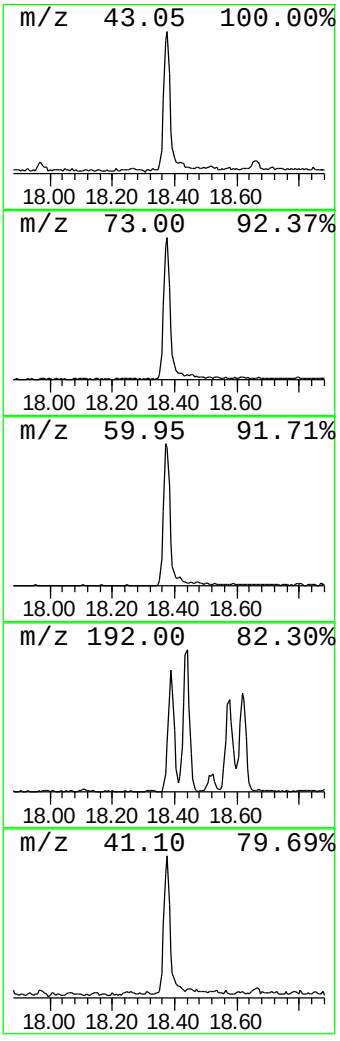
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	16.28 ng	797675	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040733.D
Acq On : 3 May 2019 20:23
Operator : JU/SJ
Sample : K2667-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

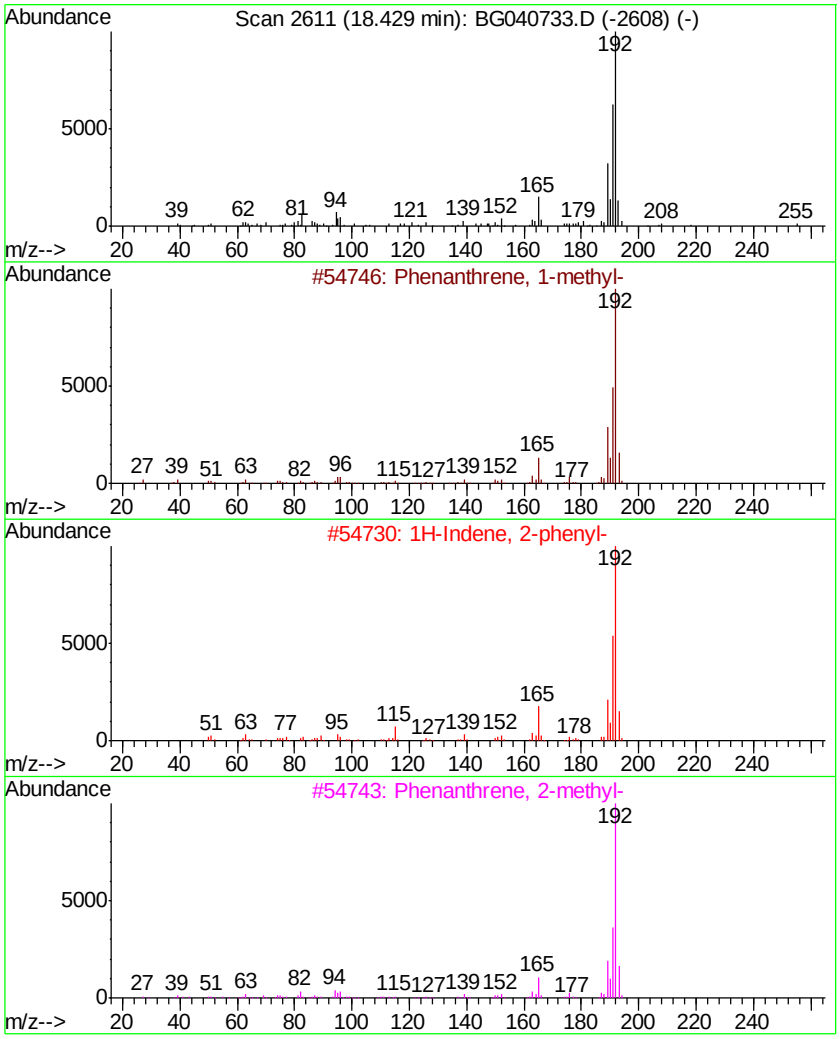
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

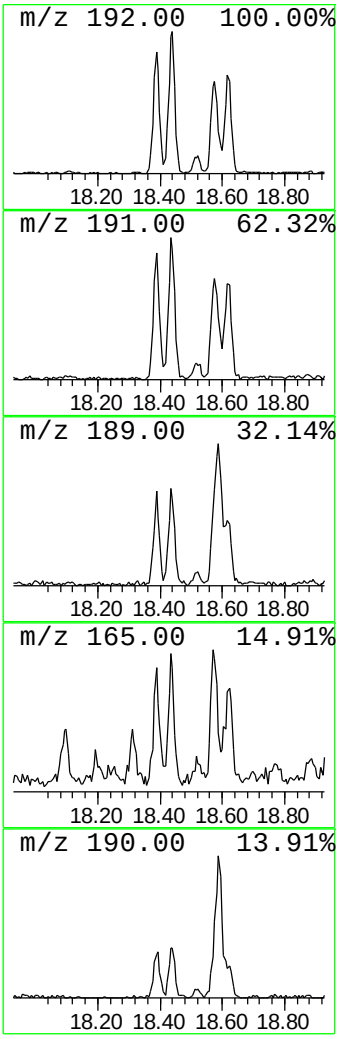
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	3.82 ng	187029	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040733.D
Acq On : 3 May 2019 20:23
Operator : JU/SJ
Sample : K2667-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

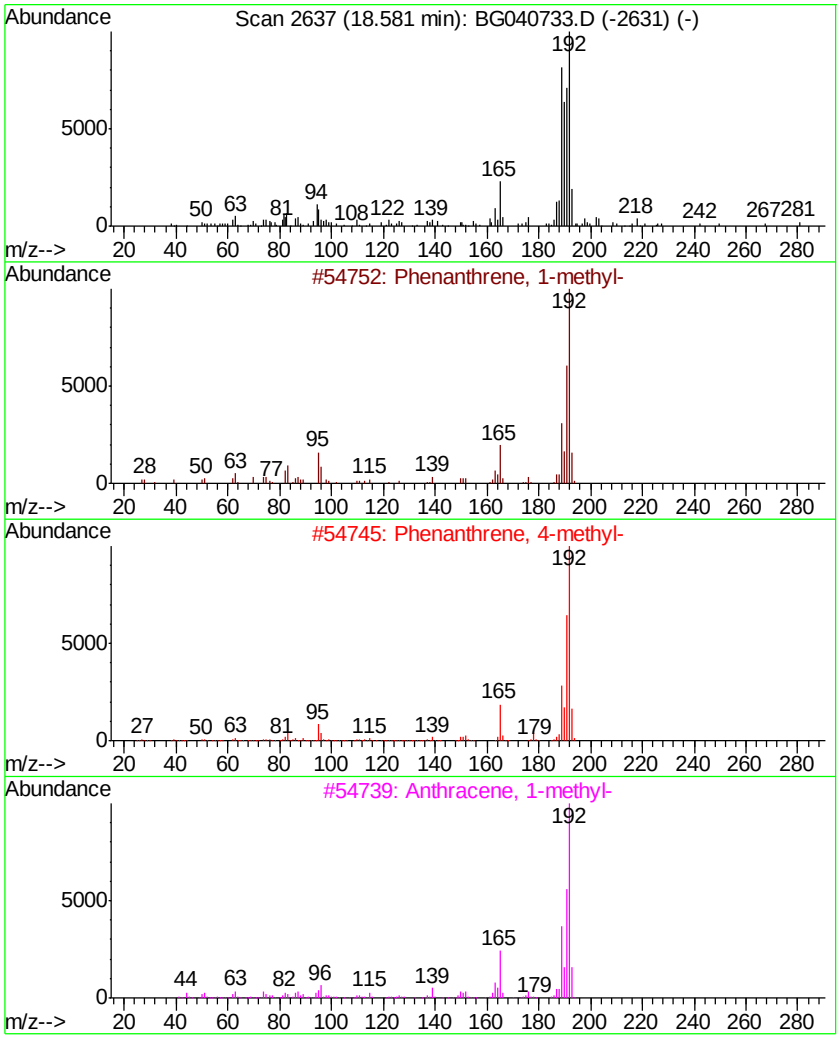
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

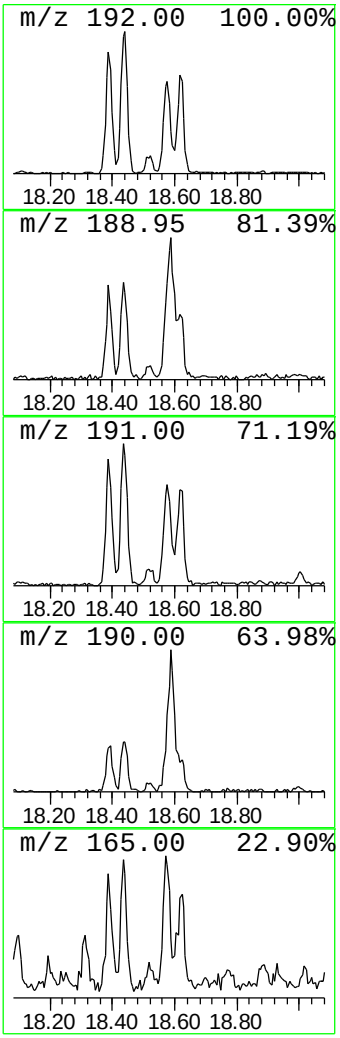
****

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.58	3.60 ng	176176	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	49
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040733.D
Acq On : 3 May 2019 20:23
Operator : JU/SJ
Sample : K2667-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

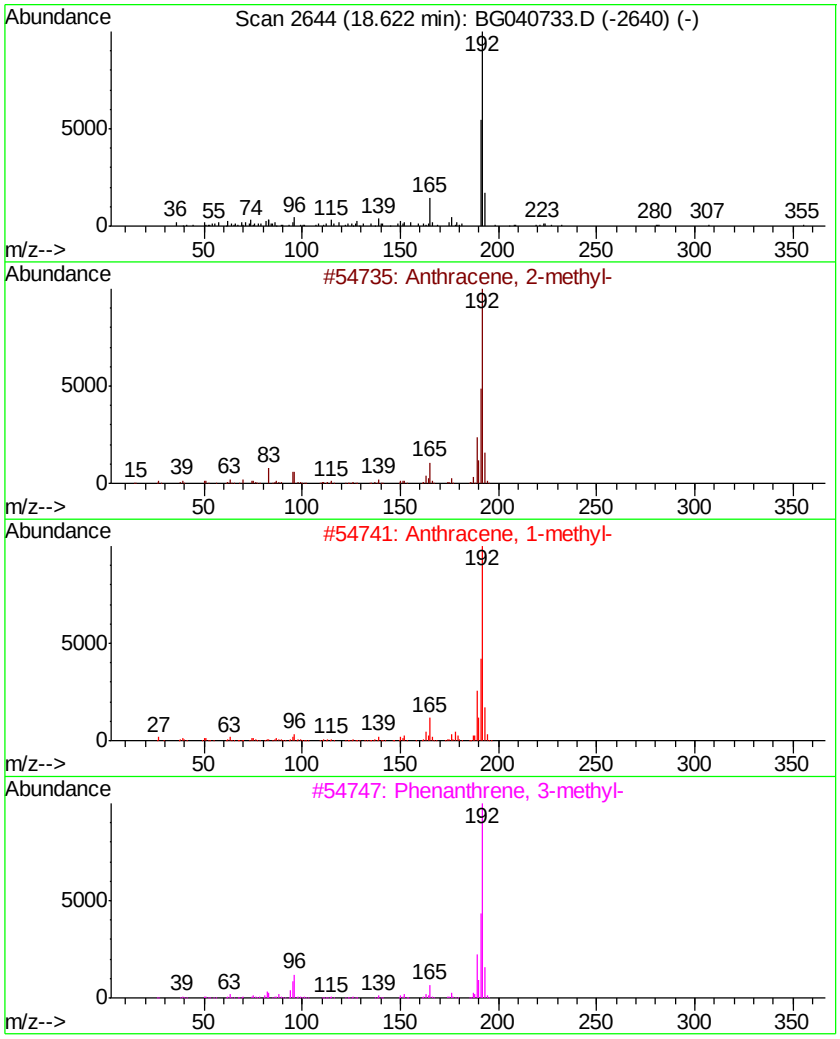
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

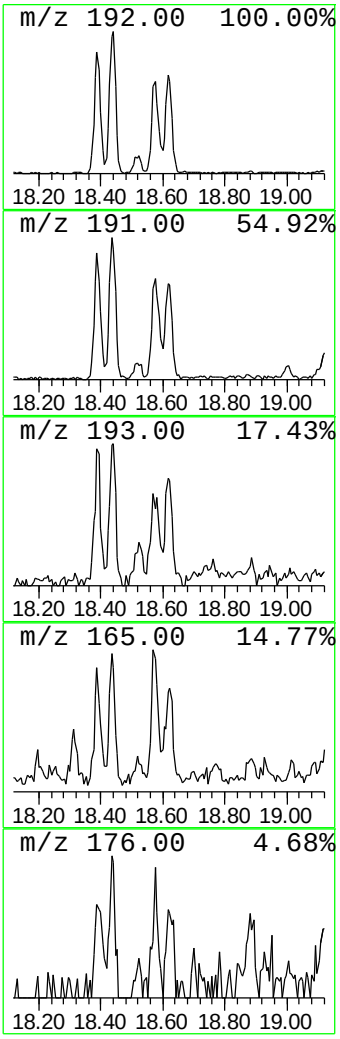
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	2.18 ng	106672	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040733.D
Acq On : 3 May 2019 20:23
Operator : JU/SJ
Sample : K2667-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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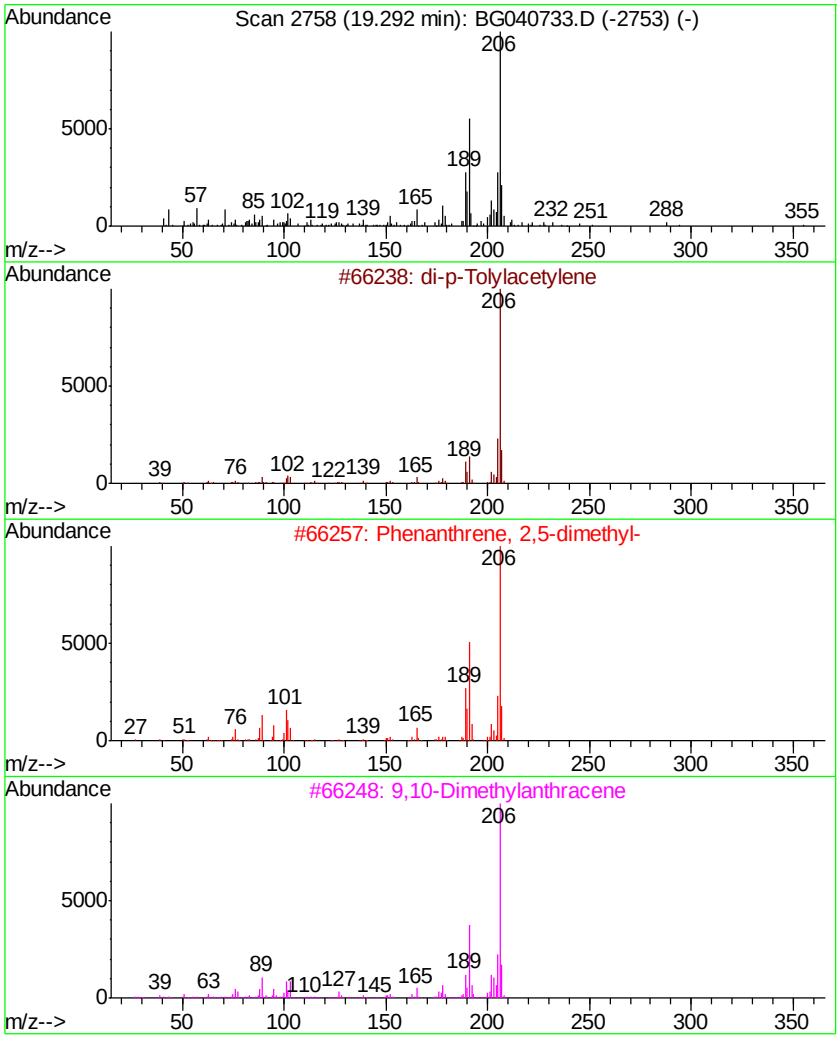
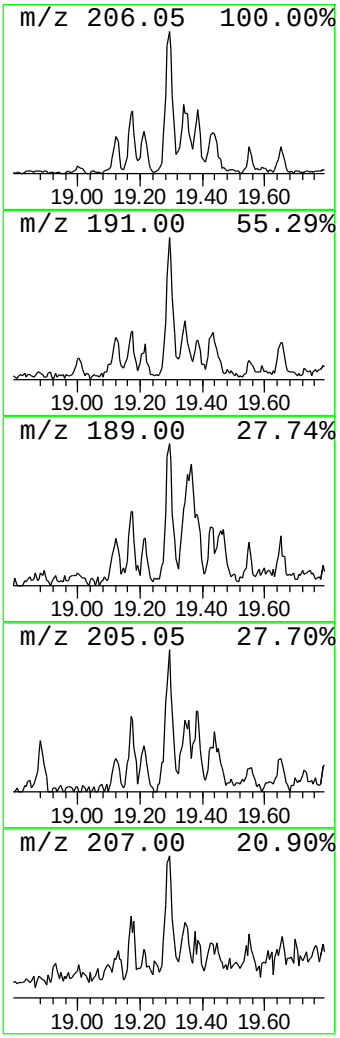
Peak Number 8 di-p-Tolylacetylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	4.01 ng	196663	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040733.D
Acq On : 3 May 2019 20:23
Operator : JU/SJ
Sample : K2667-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

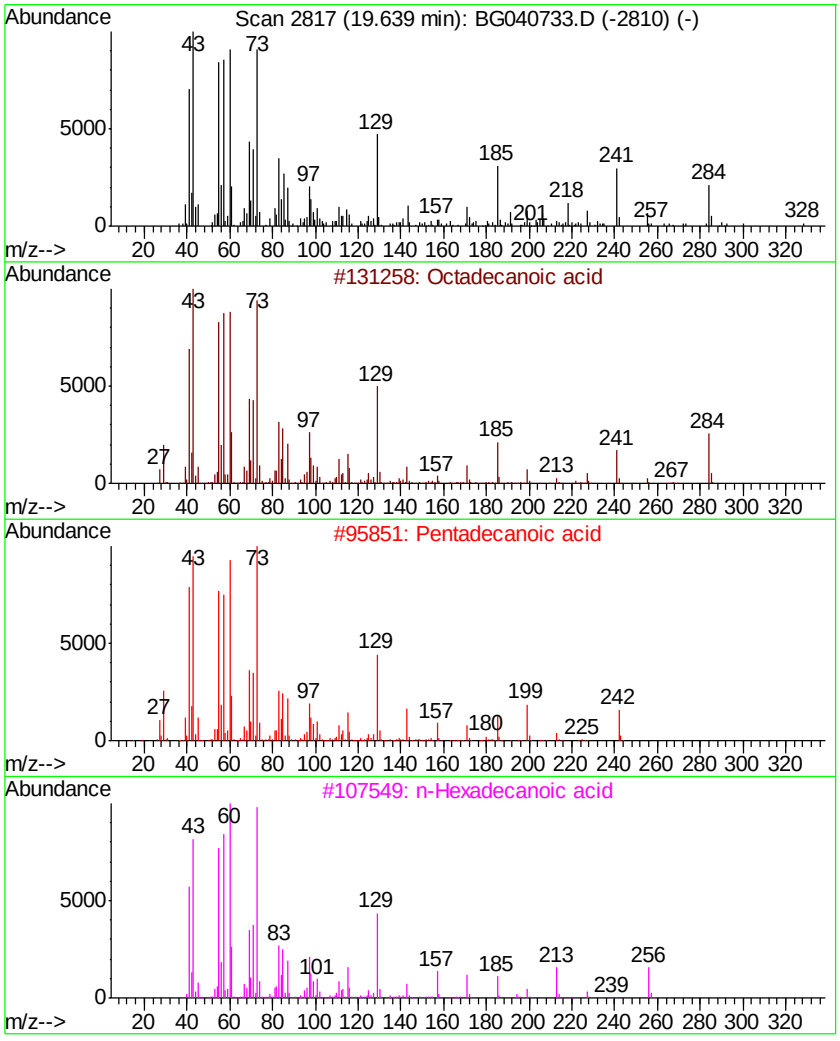
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

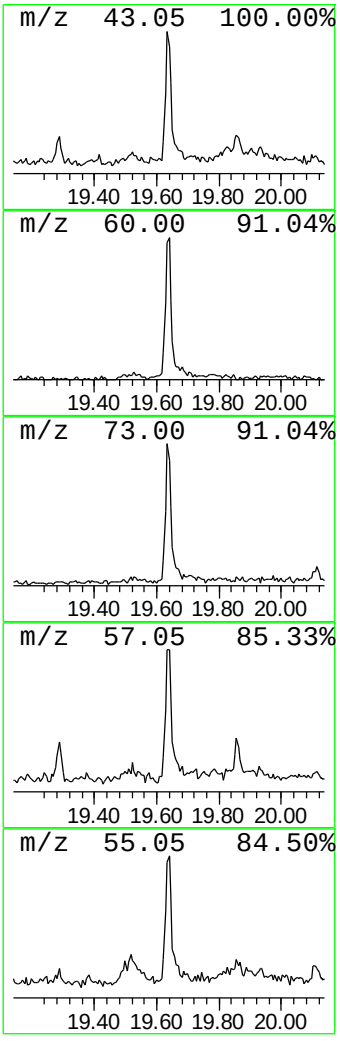
****

Peak Number 9 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	6.71 ng	328559	Phenanthrene-d10	17.52

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	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
Data File : BG040733.D
Acq On : 3 May 2019 20:23
Operator : JU/SJ
Sample : K2667-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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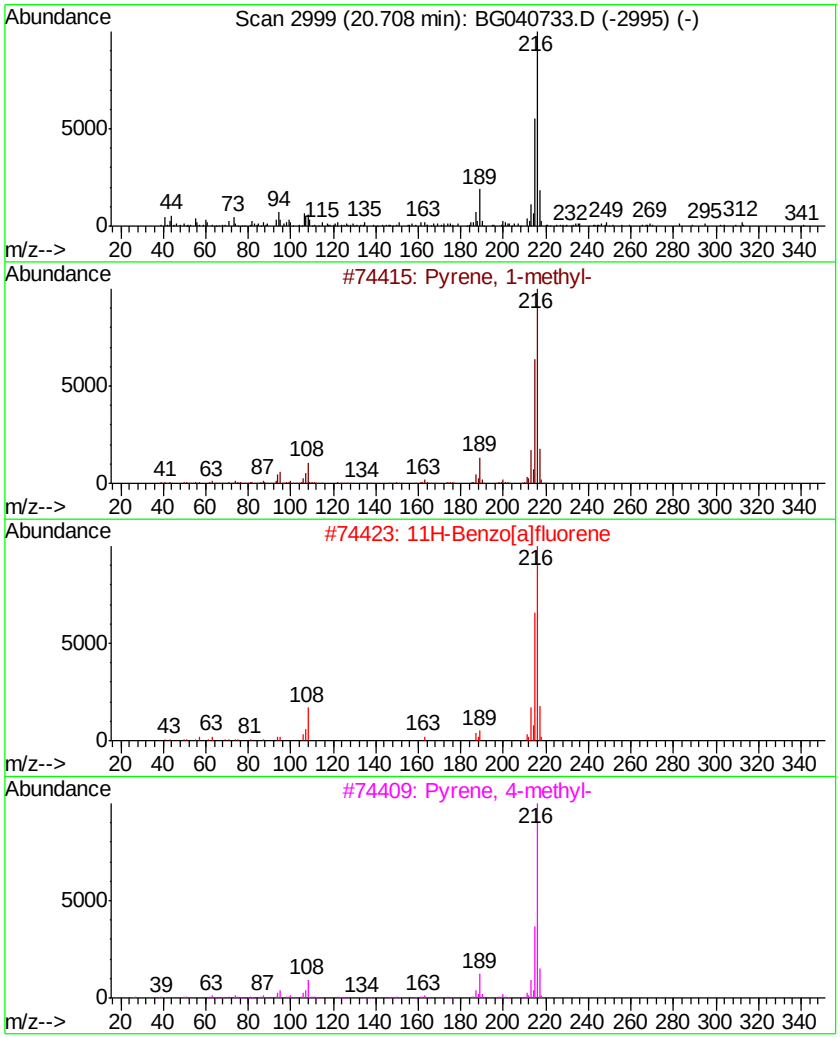
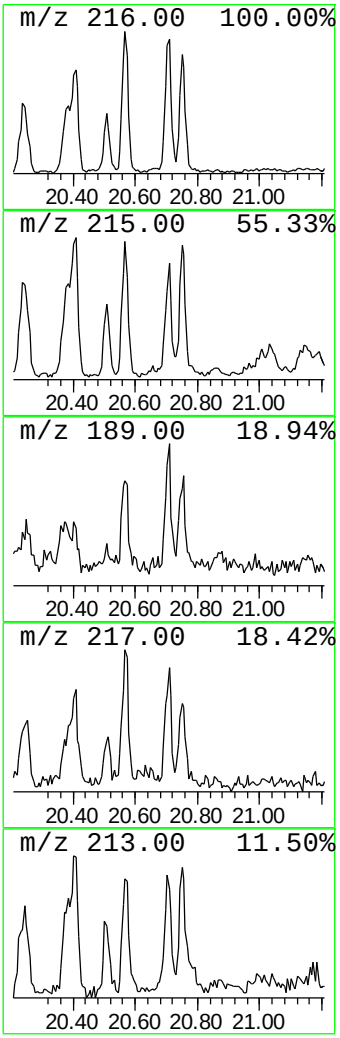
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.71	2.23 ng	153488	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Acq On : 3 May 2019 20:23
Operator : JU/SJ
Sample : K2667-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

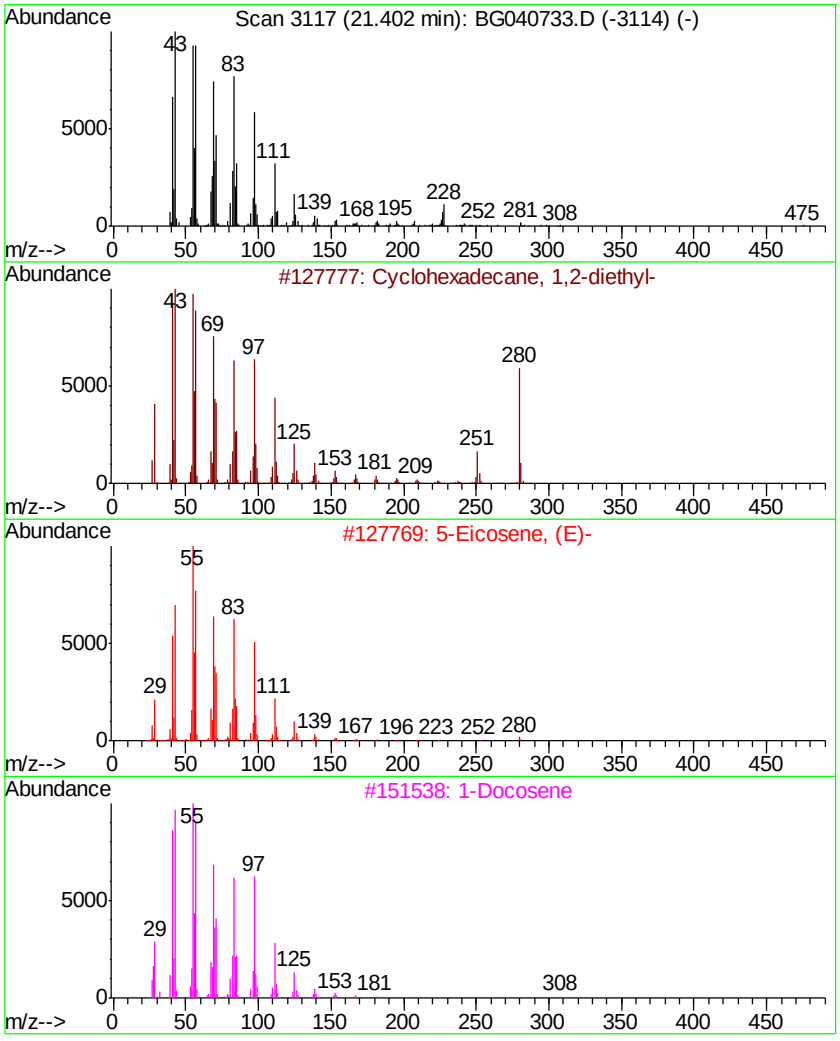
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

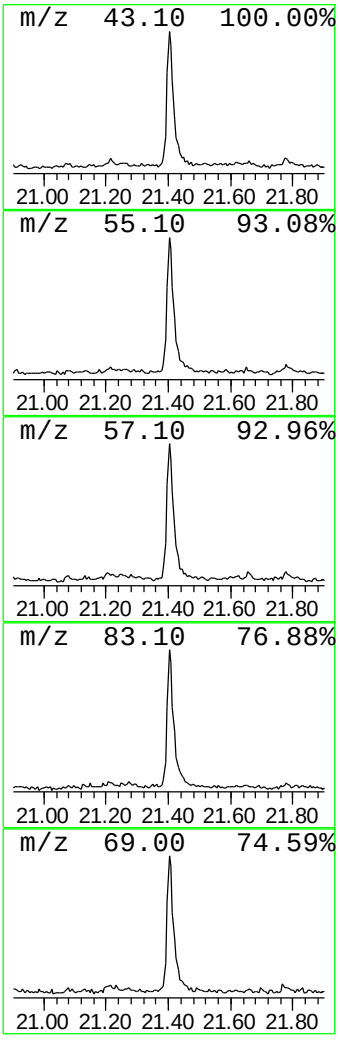
****

Peak Number 11 Cyclohexadecane, 1,2-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	8.18 ng	564485	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
3	1-Docosene	308	C22H44	001599-67-3	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91





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Acq On : 3 May 2019 20:23
Operator : JU/SJ
Sample : K2667-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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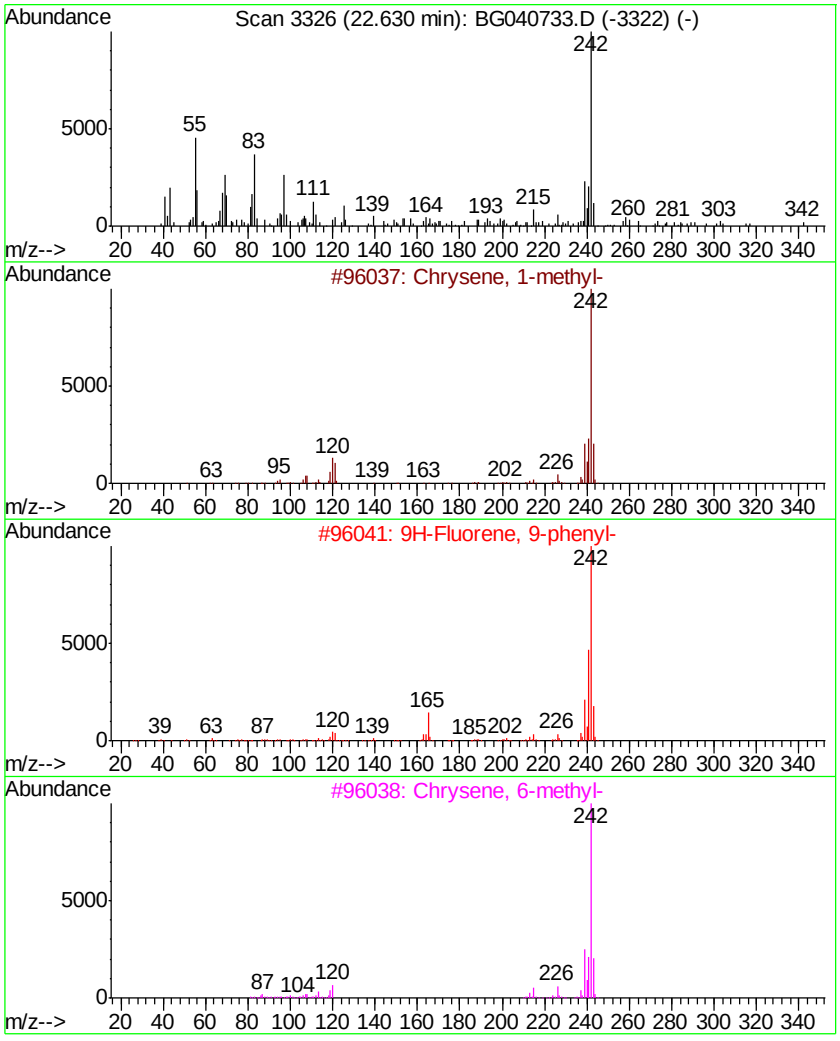
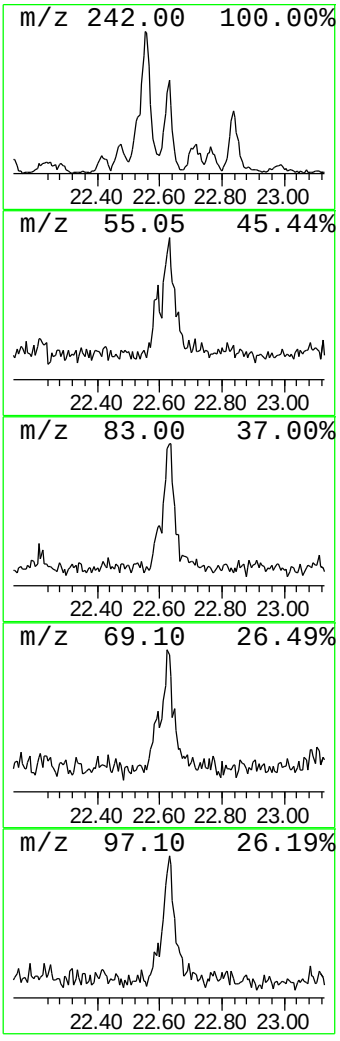
Peak Number 12 unknown22.63 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	2.95 ng	203379	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	43
2	9H-Fluorene, 9-phenyl-	242	C19H14	000789-24-2	43
3	Chrysene, 6-methyl-	242	C19H14	001705-85-7	43
4	Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	43
5	Benz[a]anthracene, 10-methyl-	242	C19H14	002381-15-9	43





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Sample : K2667-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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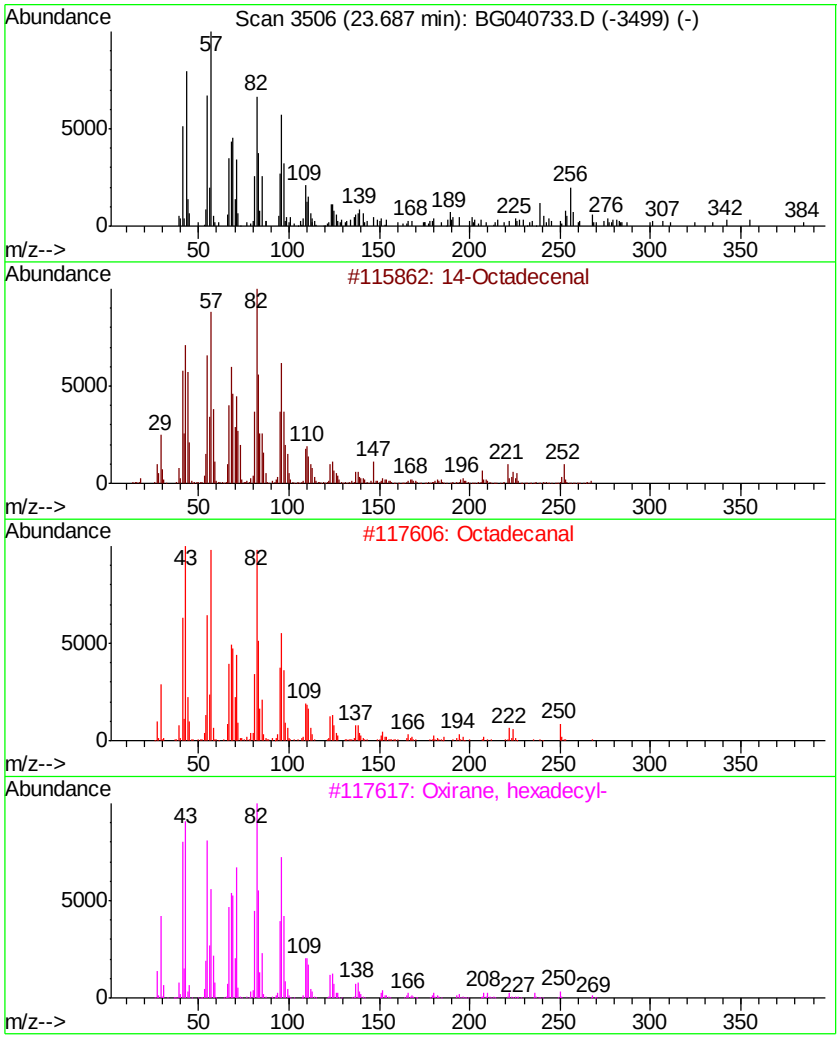
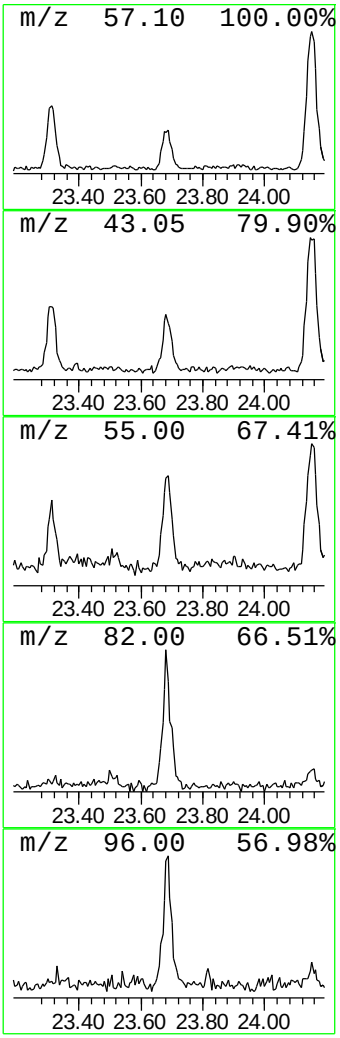
Peak Number 13 14-Octadecenal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	3.53 ng	216094	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Octadecenal	266	C18H34O	056554-89-3	68
2	Octadecanal	268	C18H36O	000638-66-4	62
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	60
4	Oxirane, tridecyl-	226	C15H30O	018633-25-5	58
5	Tetradecanal	212	C14H28O	000124-25-4	58





Library Search Compound Report

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Data File : BG040733.D
Acq On : 3 May 2019 20:23
Operator : JU/SJ
Sample : K2667-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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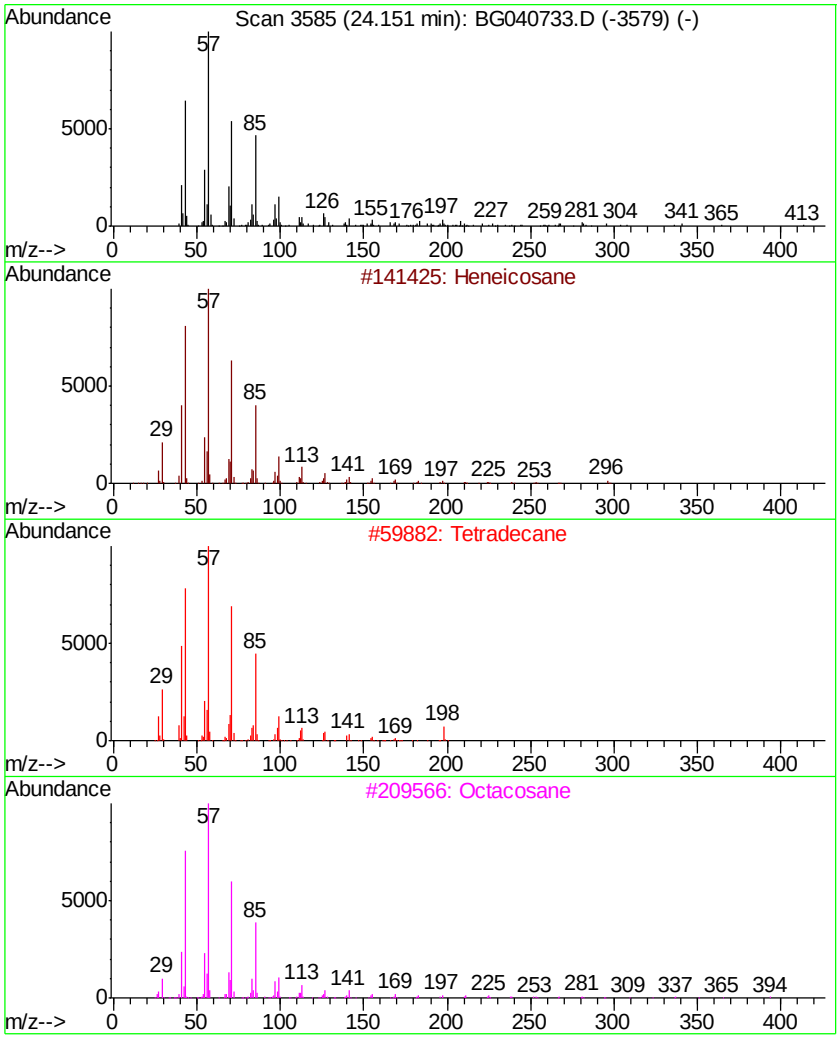
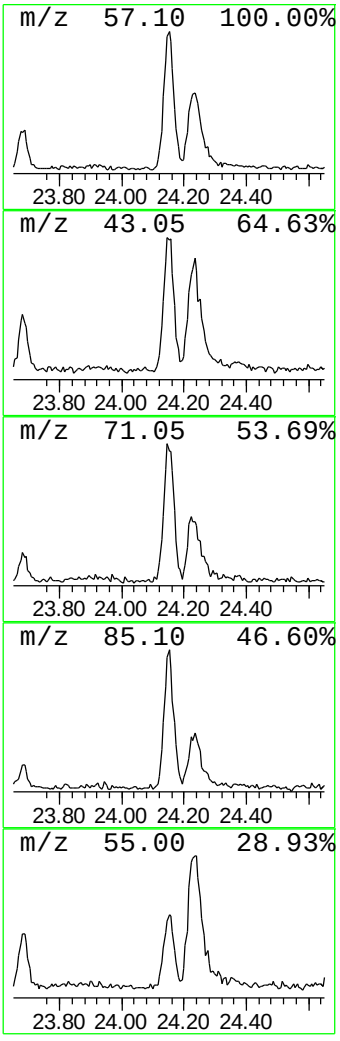
Peak Number 14 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.15	6.57 ng	402359	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	92
2	Tetradecane	198	C14H30	000629-59-4	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Eicosane	282	C20H42	000112-95-8	83
5	Hexacosane	366	C26H54	000630-01-3	83





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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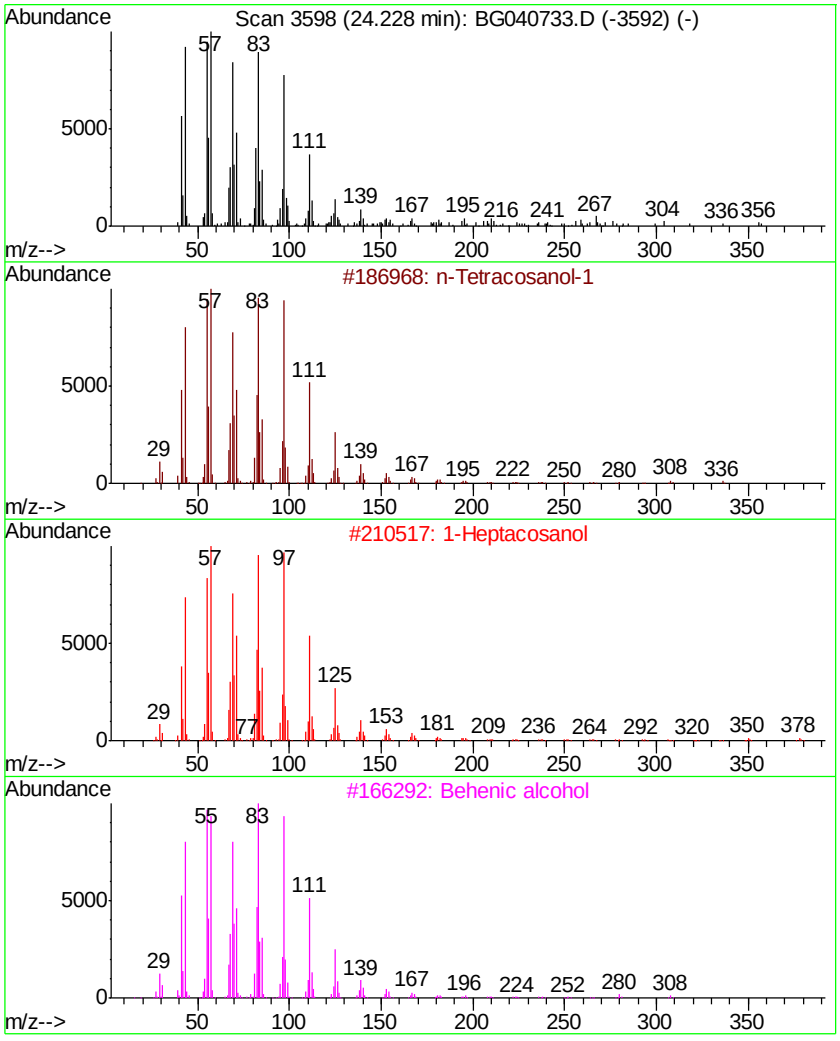
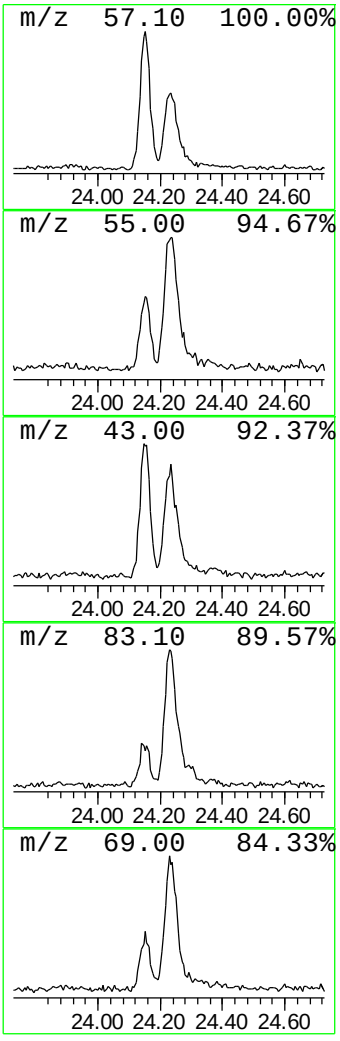
Peak Number 15 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	8.36 ng	511985	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	Behenic alcohol	326	C22H46O	000661-19-8	90
4	1-Heneicosanol	312	C21H44O	015594-90-8	90
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	87





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

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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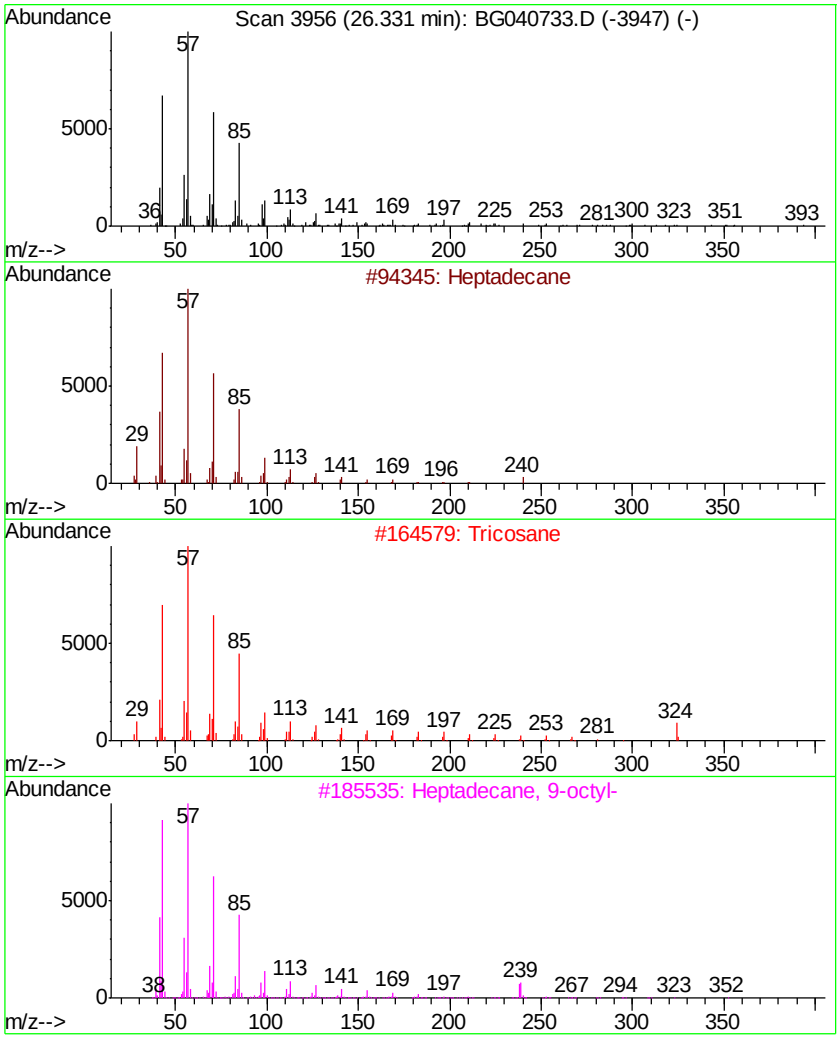
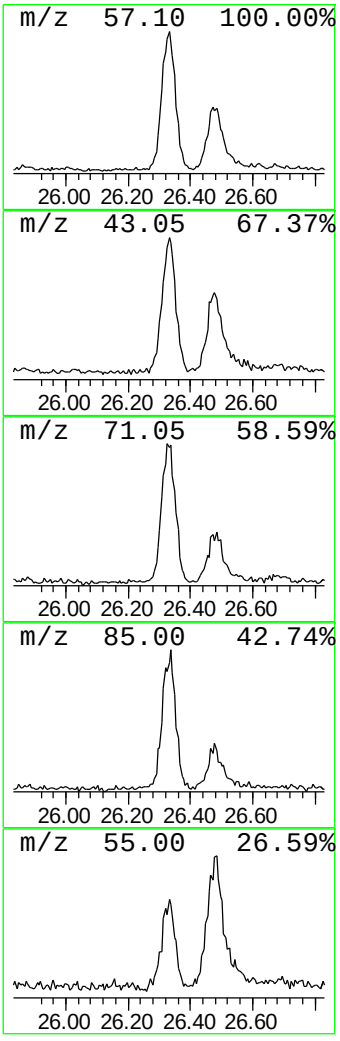
Peak Number 16 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.33	7.30 ng	447263	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Tricosane	324	C23H48	000638-67-5	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Octacosane	394	C28H58	000630-02-4	90





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Sample : K2667-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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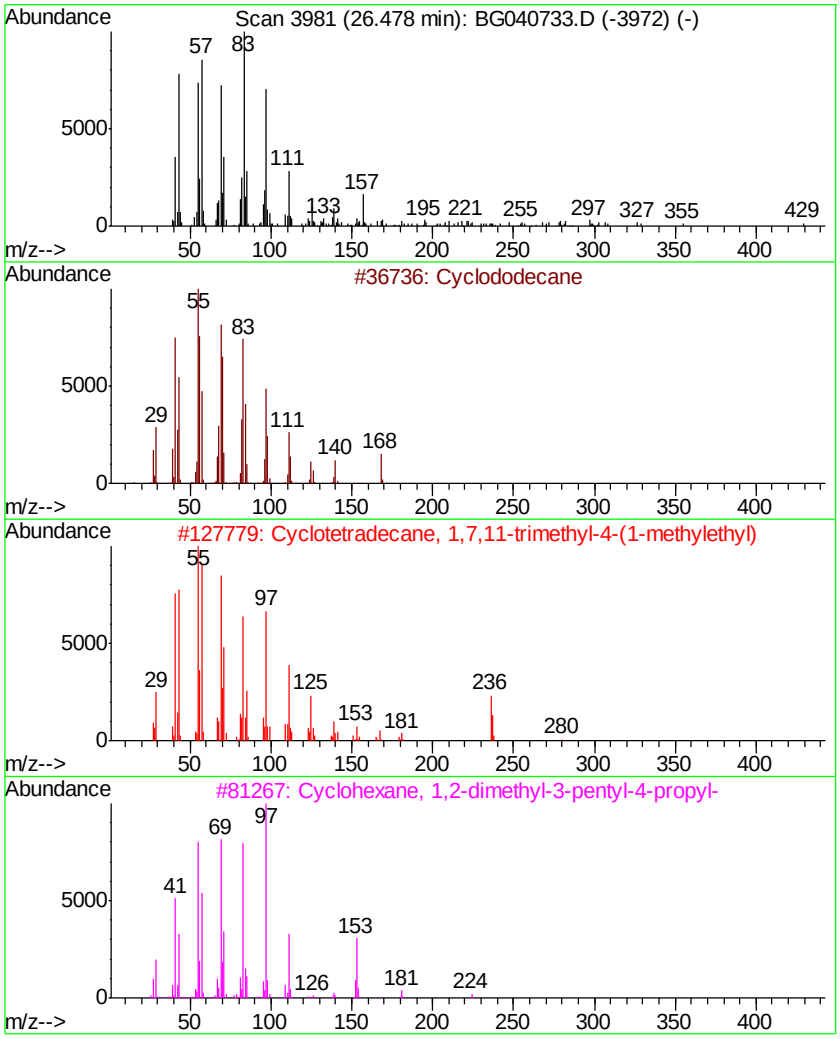
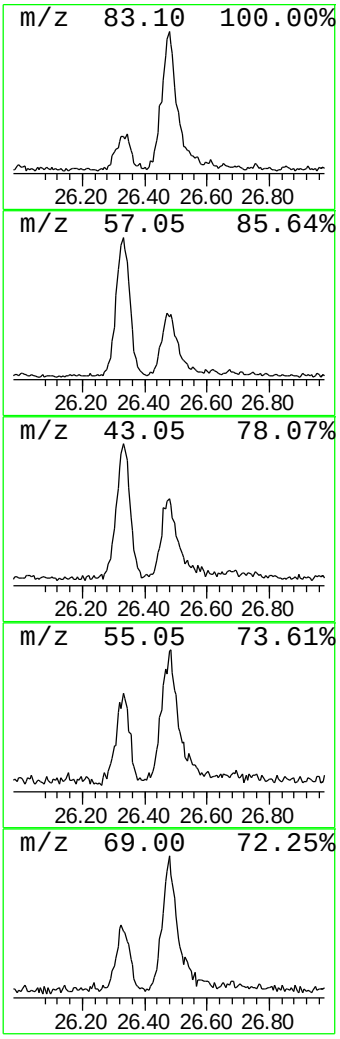
Peak Number 17 Cyclododecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.48	7.25 ng	443712	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	72
2	Cyclotetradecane, 1,7,11-trimeth...	280	C20H40	001786-12-5	60
3	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	50
4	Cyclohexane, 1,1'-(1-methyl-1,3-...	222	C16H30	041851-35-8	49
5	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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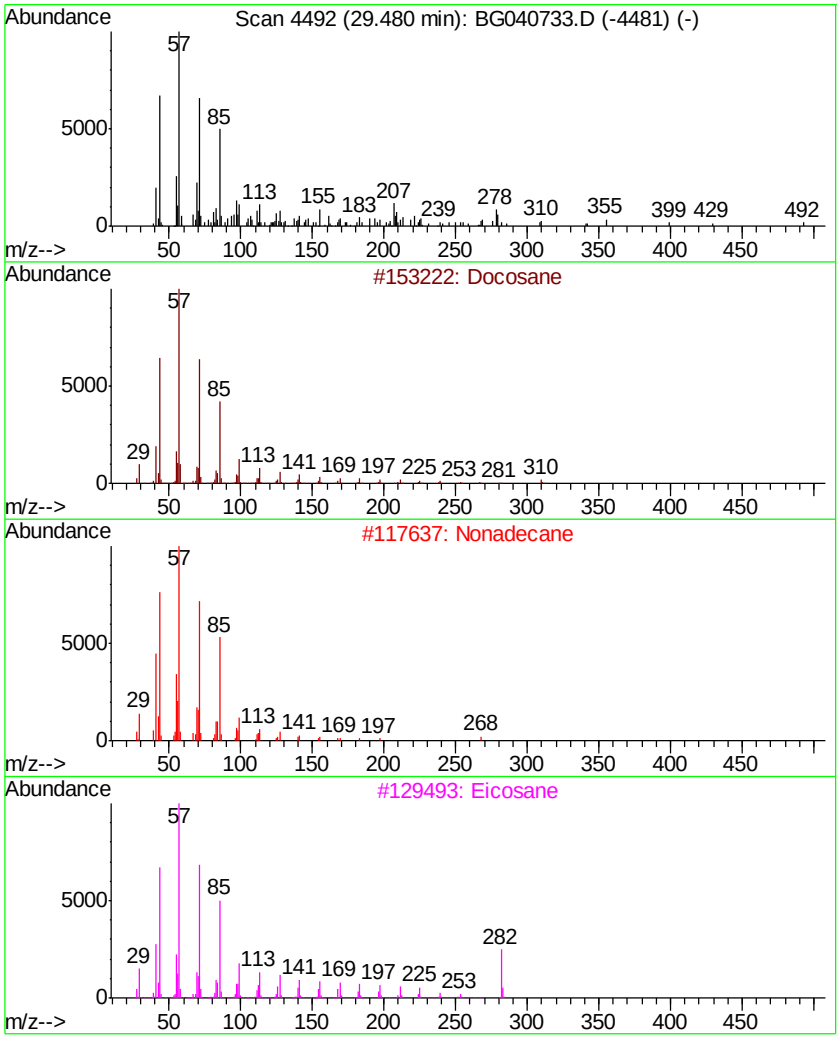
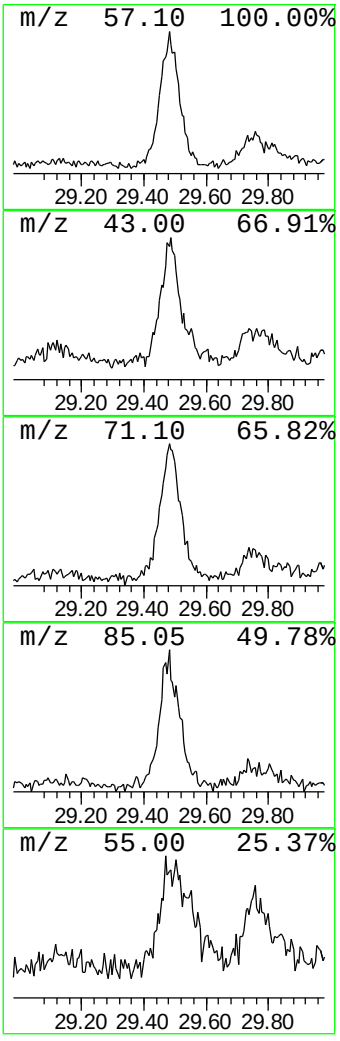
Peak Number 18 Docosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.48	2.97 ng	181779	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	92
2	Nonadecane	268	C19H40	000629-92-5	86
3	Eicosane	282	C20H42	000112-95-8	70
4	Hexadecane	226	C16H34	000544-76-3	70
5	Tricosane	324	C23H48	000638-67-5	62





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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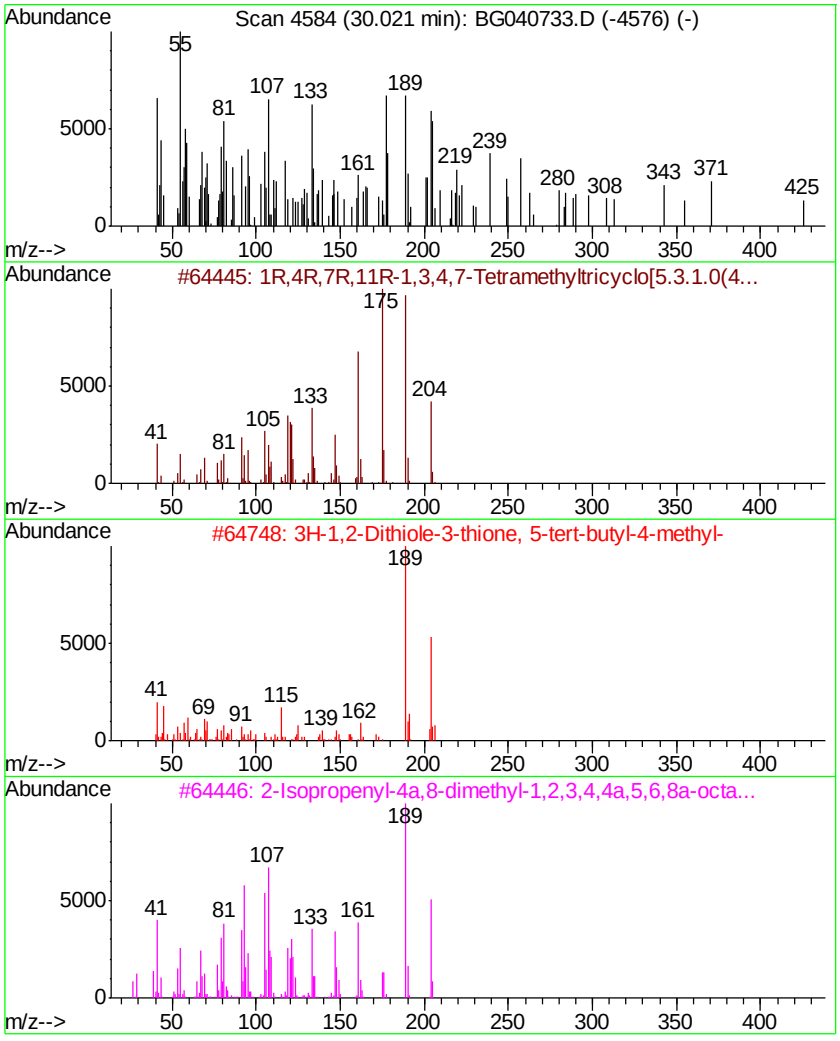
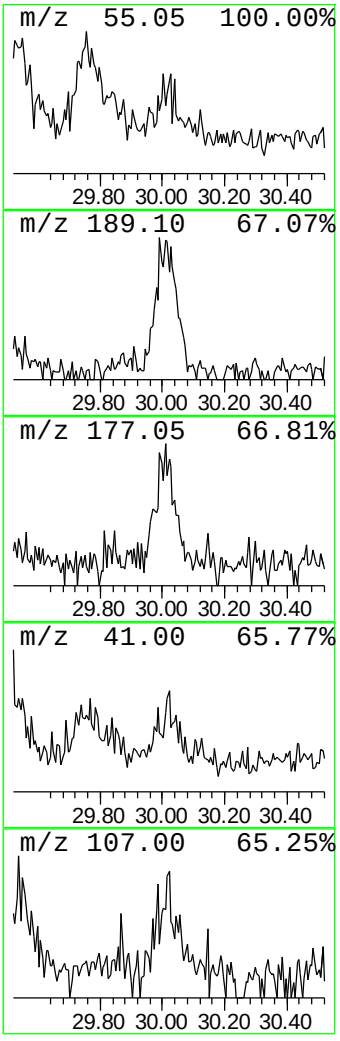
Peak Number 19 unknown30.02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.02	3.14 ng	192058	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1R,4R,7R,11R-1,3,4,7-Tetramethyl...	204	C15H24	137235-59-7	38
2	3H-1,2-Dithiole-3-thione, 5-tert...	204	C8H12S3	013120-76-8	25
3	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	18
4	1-Methyl-4-piperidyl cyclohexylp...	331	C20H29NO3	033445-17-9	14
5	1,3,4-Oxadiazole, 2-(4-dimethyla...	189	C10H11N3O	1000308-79-3	11





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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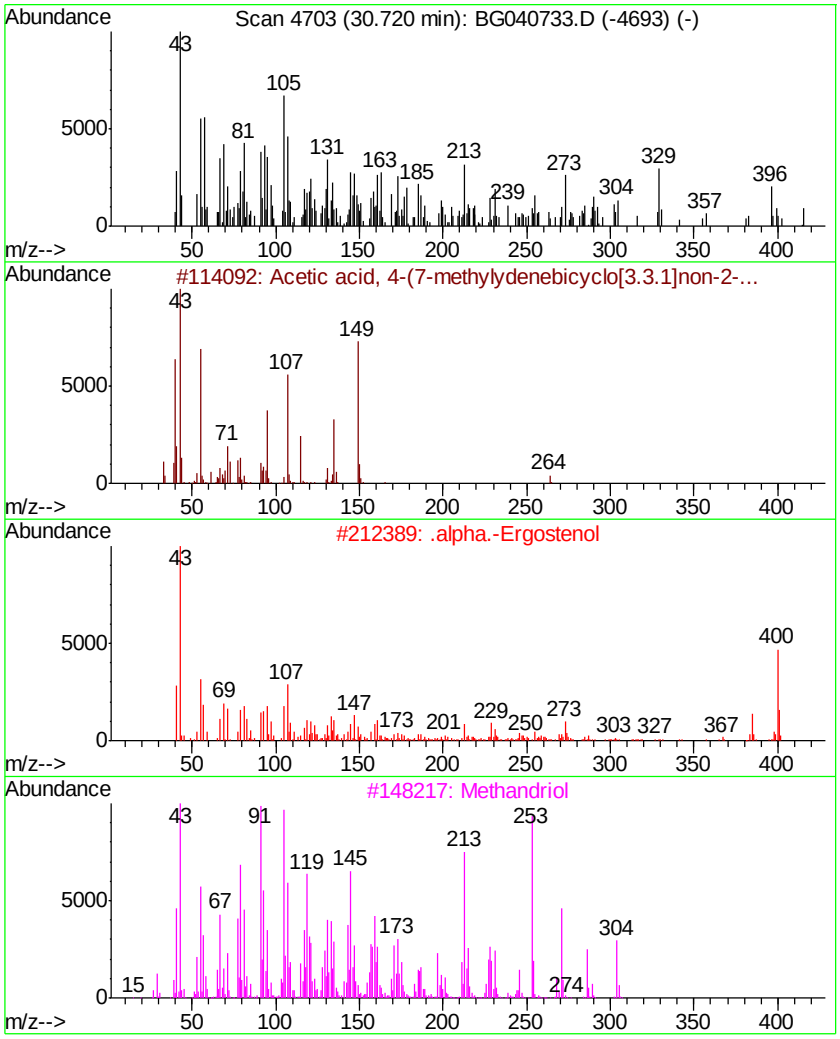
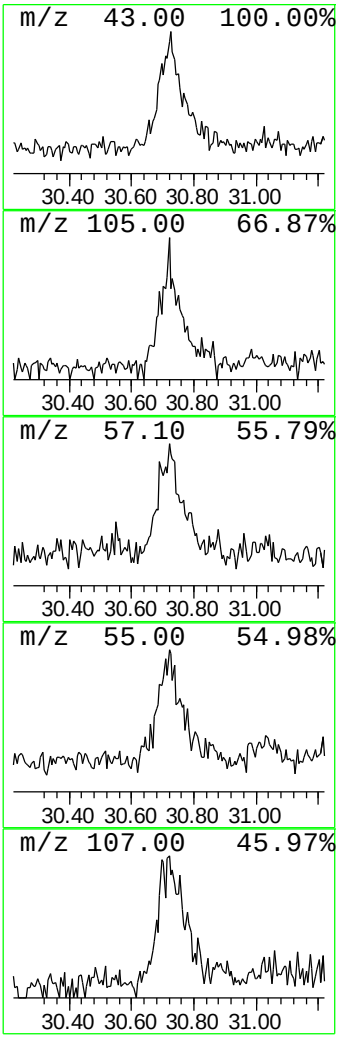
Peak Number 20 unknown30.72 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.72	5.56 ng	340715	Perylene-d12	25.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 4-(7-methylydenebic...	264	C16H24O3	1000272-02-4	25
2	.alpha.-Ergostenol	400	C28H48O	000632-32-6	18
3	Methandriol	304	C20H32O2	000521-10-8	18
4	Ergost-22-en-3-ol, (3.beta.,5.al...	400	C28H48O	036422-25-0	17
5	22,23-Bisnor-5-cholenic acid, 3....	388	C24H36O4	1000127-30-8	14





Tentatively Identified Compound (LSC) summary

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Data File : BG040733.D
Acq On : 3 May 2019 20:23
Operator : JU/SJ
Sample : K2667-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.67	7.67	122.8	ng	1801910	1	8.15	293545	20.0
n-Hexadecanoic acid	18.38	16.3	ng	797675	4	17.52	979832	20.0
Phenanthrene, 1-m...	18.43	3.8	ng	187029	4	17.52	979832	20.0
Phenanthrene, 4-m...	18.58	3.6	ng	176176	4	17.52	979832	20.0
Anthracene, 2-met...	18.62	2.2	ng	106672	4	17.52	979832	20.0
di-p-Tolylacetylene	19.29	4.0	ng	196663	4	17.52	979832	20.0
Octadecanoic acid	19.64	6.7	ng	328559	4	17.52	979832	20.0
11H-Benzo[a]fluorene	20.71	2.2	ng	153488	5	21.80	1379380	20.0
Cyclohexadecane, ...	21.40	8.2	ng	564485	5	21.80	1379380	20.0
unknown22.63	22.63	3.0	ng	203379	5	21.80	1379380	20.0
14-Octadecenal	23.69	3.5	ng	216094	6	25.16	1224570	20.0
Heneicosane	24.15	6.6	ng	402359	6	25.16	1224570	20.0
n-Tetracosanol-1	24.23	8.4	ng	511985	6	25.16	1224570	20.0
Heptadecane	26.33	7.3	ng	447263	6	25.16	1224570	20.0
Cyclododecane	26.48	7.3	ng	443712	6	25.16	1224570	20.0
Docosane	29.48	3.0	ng	181779	6	25.16	1224570	20.0
unknown30.02	30.02	3.1	ng	192058	6	25.16	1224570	20.0
unknown30.72	30.72	5.6	ng	340715	6	25.16	1224570	20.0