LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040847.D
Acq On : 10 May 2019 12:11
Operator : HP/JU
Sample : K2764-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS001-1824-01

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	3.154	5	11	19	rBV	125360	224238	5.21%	0.615%
2	3.231	19	24	34	rVB	261938	349343	8.12%	0.958%
3	5.675	433	440	452	rBV	1338555	2090308	48.57%	5.734%
4	7.285	705	714	725	rBV	1439139	2513047	58.39%	6.894%
5	7.667	771	779	791	rBV	1371189	2324759	54.02%	6.377%
6	8.143	853	860	867	rBV	242355	411976	9.57%	1.130%
7	8.466	904	915	924	rBV	913124	1542969	35.85%	4.233%
8	9.318	1052	1060	1071	rBV	861250	1572065	36.53%	4.313%
9	10.969	1332	1341	1346	rBV	325104	596020	13.85%	1.635%
10	13.395	1744	1754	1765	rBV	2013648	3058508	71.07%	8.390%
11	14.212	1887	1893	1899	rBV	165823	241717	5.62%	0.663%
12	14.494	1935	1941	1948	rBV2	24712	51772	1.20%	0.142%
13	14.770	1978	1988	1995	rBV2	567184	895793	20.82%	2.457%
14	16.257	2233	2241	2255	rBV	1955145	3022217	70.23%	8.291%
15	17.514	2448	2455	2459	rBV2	748097	1133930	26.35%	3.111%
16	17.555	2459	2462	2468	rVB	203980	285020	6.62%	0.782%
17	18.031	2538	2543	2547	rVB2	31918	48455	1.13%	0.133%
18	18.090	2549	2553	2558	rBV2	28333	44552	1.04%	0.122%
19	18.366	2594	2600	2608	rBV2	424253	746172	17.34%	2.047%
20	18.430	2608	2611	2617	rVB	100563	160362	3.73%	0.440%
21	18.571	2630	2635	2640	rBV2	109376	204925	4.76%	0.562%
22	18.618	2640	2643	2647	rVB	78028	103848	2.41%	0.285%
23	18.877	2683	2687	2691	rBV	91399	138761	3.22%	0.381%
24	18.924	2691	2695	2703	rVB2	111289	177447	4.12%	0.487%
25	19.294	2752	2758	2763	rBV2	105635	202483	4.71%	0.555%
26	19.435	2776	2782	2787	rBV2	87448	155623	3.62%	0.427%
27	19.559	2798	2803	2808	rVB	452948	660224	15.34%	1.811%
28	19.629	2808	2815	2824	rBV5	127665	249989	5.81%	0.686%
29	19.705	2824	2828	2831	rBV	57185	82236	1.91%	0.226%
30	19.747	2831	2835	2840	rVB	55545	72575	1.69%	0.199%
31	19.811	2840	2846	2852	rBV6	33512	85904	2.00%	0.236%
32	19.923	2859	2865	2870	rVB	878467	1244951	28.93%	3.415%
33	19.976	2870	2874	2879	rVB4	47627	74974	1.74%	0.206%
34	20.111	2891	2897	2902	rBV	3313850	4303564	100.00%	11.806%

LSC Area Percent Report

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Acq On : 10 May 2019 12:11
Operator : HP/JU
Sample : K2764-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS001-1824-01

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	20.240	2912	2919	2924	rBV2	92445	217380	5.05%	0.596%
36	20.381	2936	2943	2951	rVB4	94115	292771	6.80%	0.803%
37	20.563	2969	2974	2978	rBV	142779	177979	4.14%	0.488%
38	20.704	2993	2998	3001	rBV	139598	197924	4.60%	0.543%
39	20.745	3002	3005	3011	rVB	102635	148806	3.46%	0.408%
40	21.174	3074	3078	3085	rVB	90102	136654	3.18%	0.375%
41	21.362	3103	3110	3112	rBV3	59597	128248	2.98%	0.352%
42	21.403	3112	3117	3122	rVV2	223431	411126	9.55%	1.128%
43	21.515	3133	3136	3146	rVB2	76859	142113	3.30%	0.390%
44	21.797	3175	3184	3189	rBV3	791971	1795075	41.71%	4.924%
45	21.844	3189	3192	3200	rVB	283791	482354	11.21%	1.323%
46	22.073	3226	3231	3236	rBV	104228	182071	4.23%	0.499%
47	22.549	3309	3312	3320	rVB3	60345	109685	2.55%	0.301%
48	22.637	3321	3327	3335	rVB3	95192	213976	4.97%	0.587%
49	23.295	3434	3439	3448	rVB8	61275	140994	3.28%	0.387%
50	24.077	3565	3572	3580	rBV4	151327	541426	12.58%	1.485%
51	24.835	3694	3701	3710	rVB	138751	369621	8.59%	1.014%
52	24.993	3720	3728	3740	rVB2	144896	429645	9.98%	1.179%
53	25.152	3743	3755	3765	rBV3	389446	1264019	29.37%	3.468%

Sum of corrected areas: 36452594

LSC Report - Integrated Chromatogram

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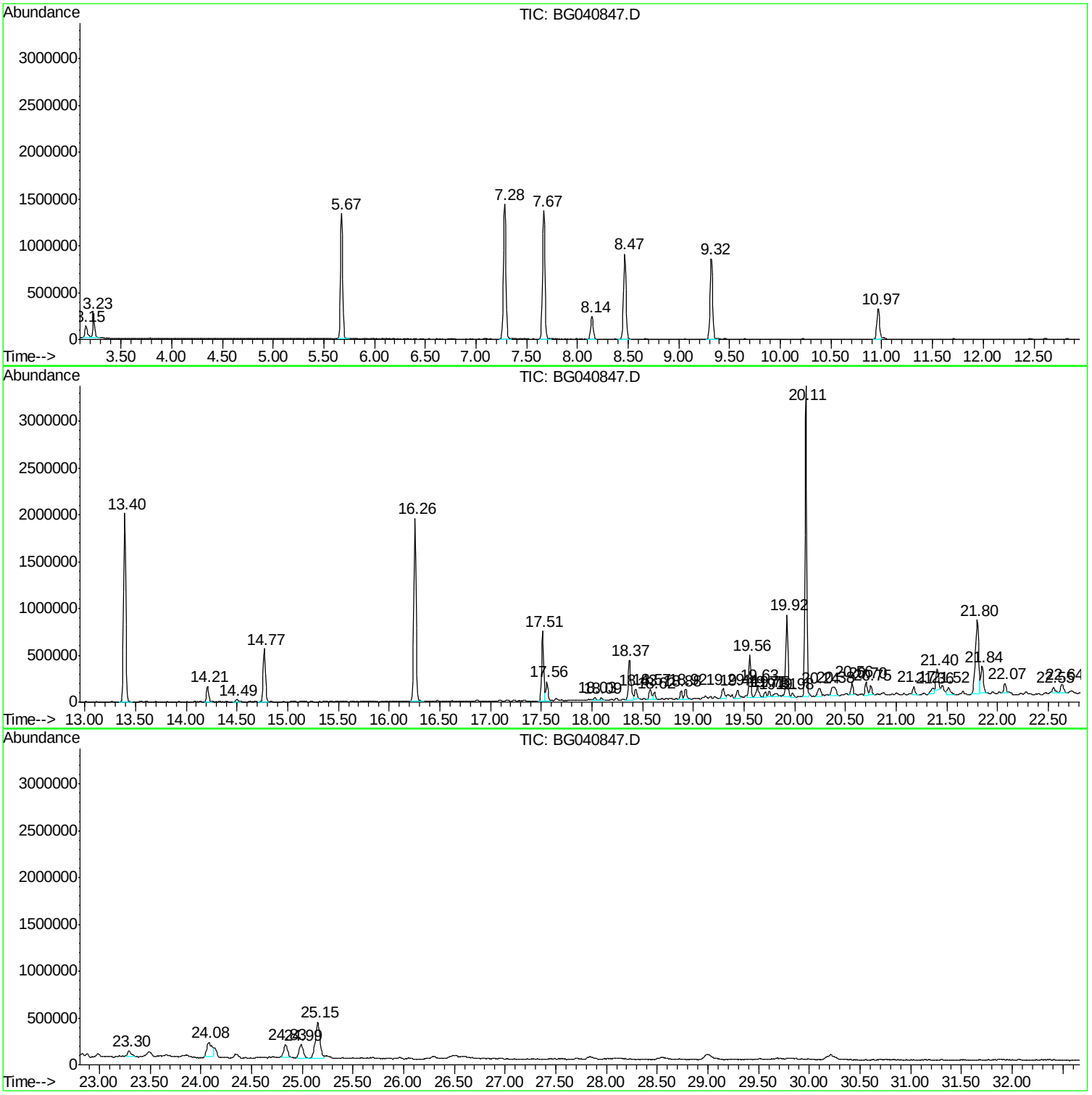
Data File : BG040847.D
Acq On : 10 May 2019 12:11
Operator : HP/JU
Sample : K2764-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS001-1824-01

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\BG050919\
Data File : BG040847.D
Acq On : 10 May 2019 12:11
Operator : HP/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : P026-SS001-1824-01

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

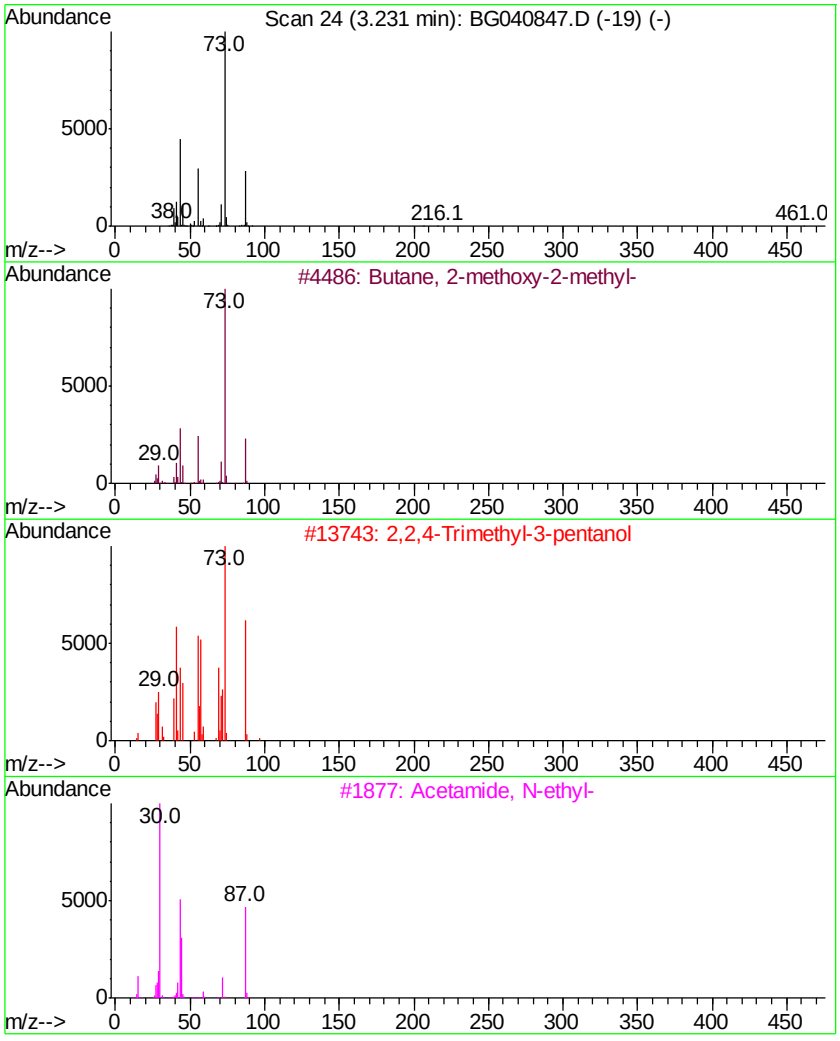
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

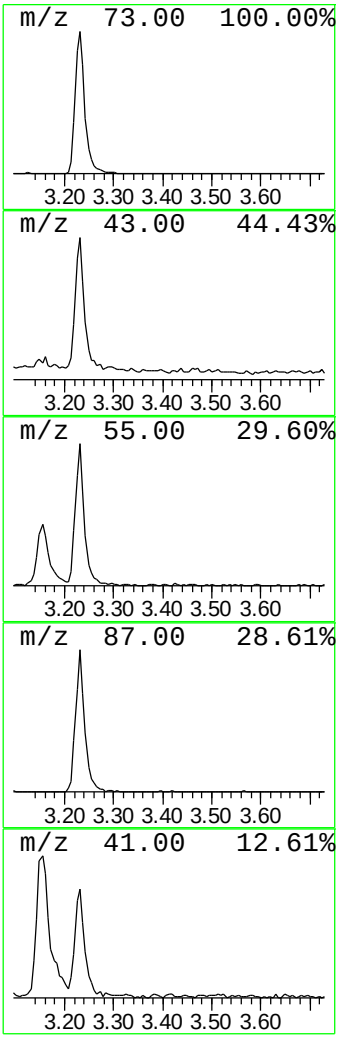
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	16.96 ng	349343	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

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Data File : BG040847.D
Acq On : 10 May 2019 12:11
Operator : HP/JU
Sample : K2764-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS001-1824-01

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

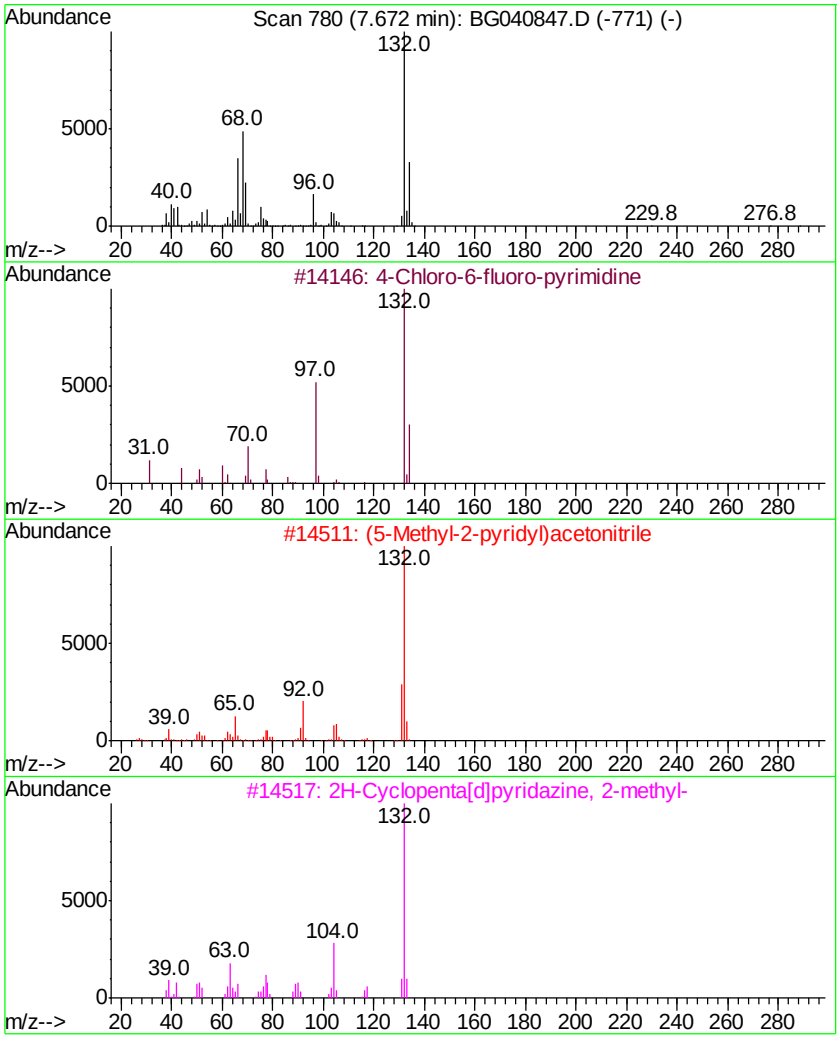
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

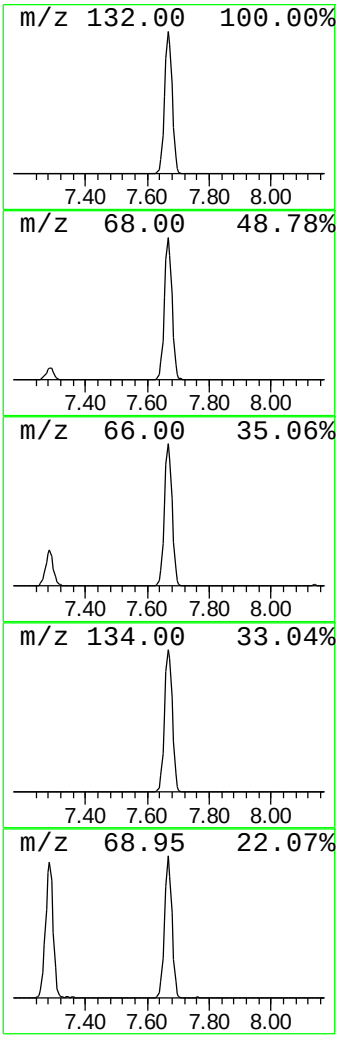
****

Peak Number 3 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	112.86 ng	2324760	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	22
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14
5	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
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Operator : HP/JU
Sample : K2764-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS001-1824-01

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

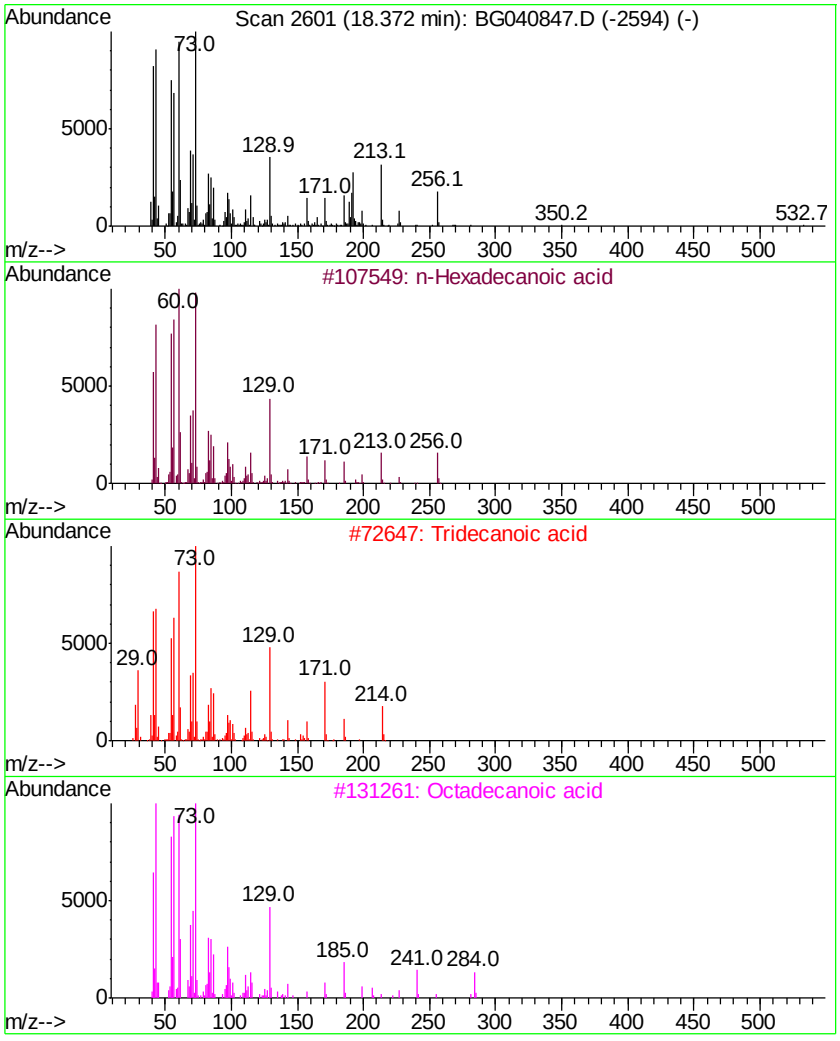
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

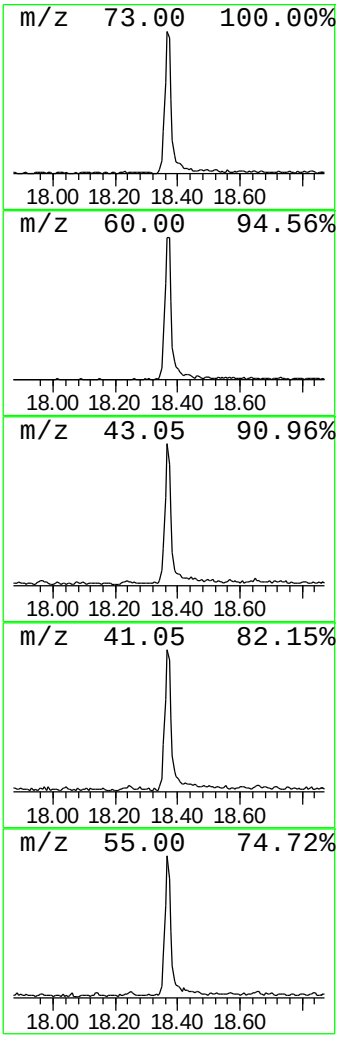
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	13.16 ng	746172	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	81
4	Dodecanoic acid	200	C12H24O2	000143-07-7	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
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Operator : HP/JU
Sample : K2764-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS001-1824-01

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

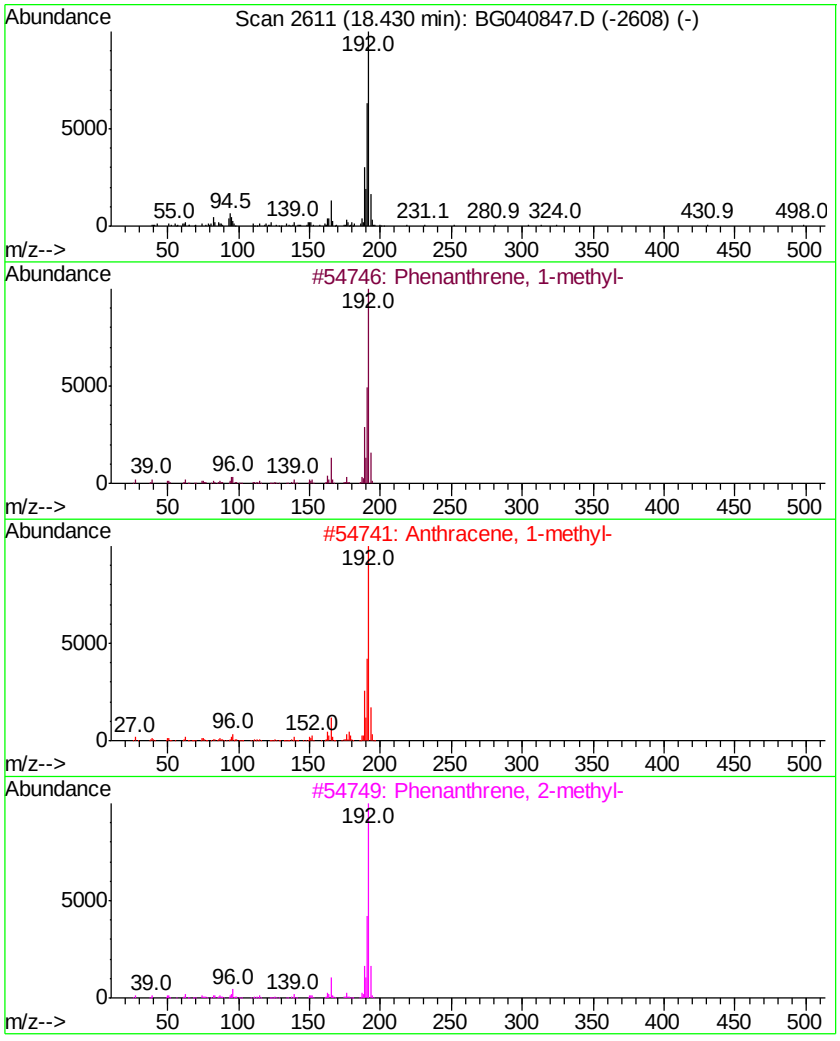
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

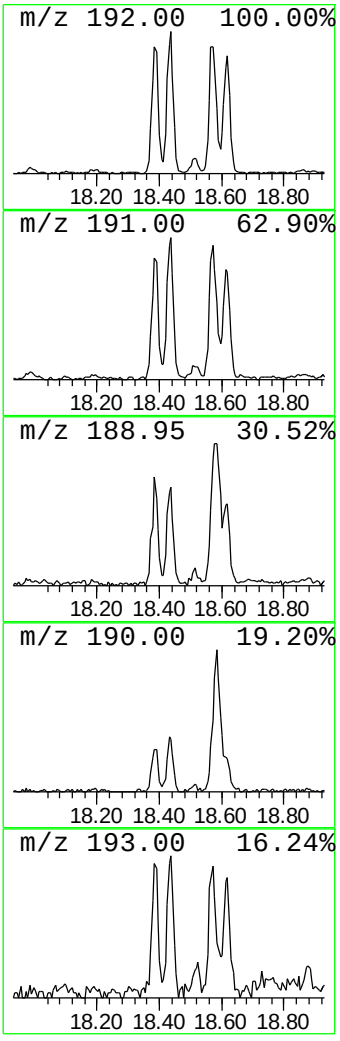
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.83 ng	160362	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





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Sample : K2764-15
Misc :
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Instrument : BNA_G
ClientSampleId : P026-SS001-1824-01

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
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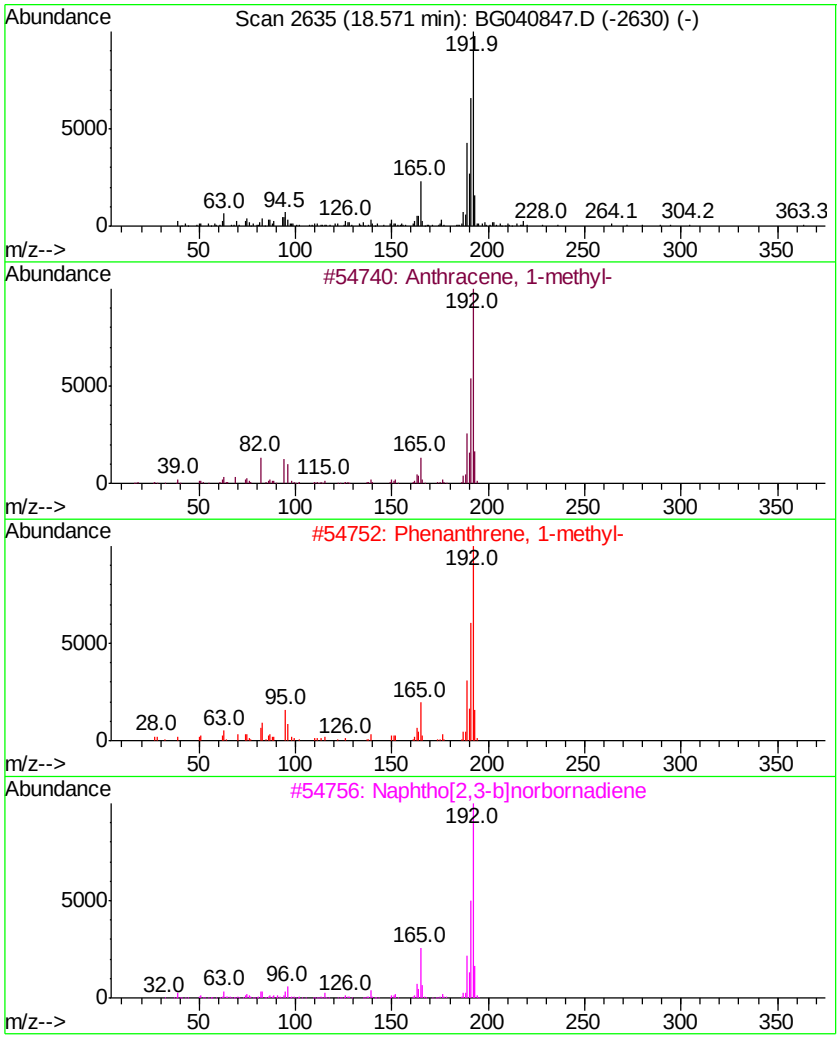
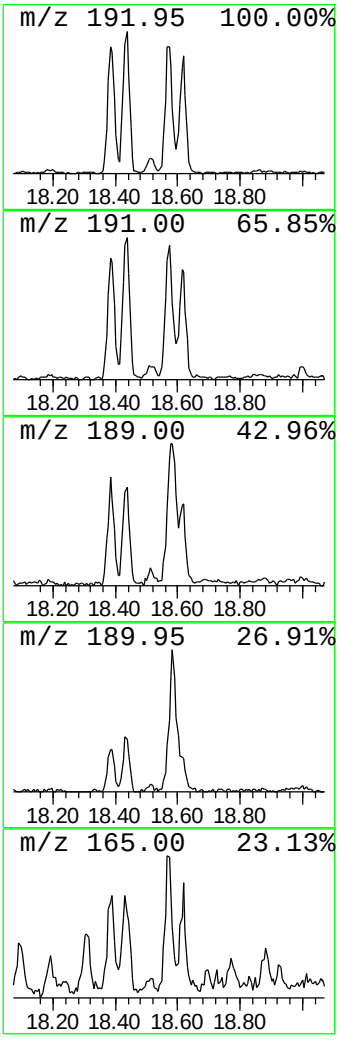
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	3.61 ng	204925	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	70
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : P026-SS001-1824-01

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
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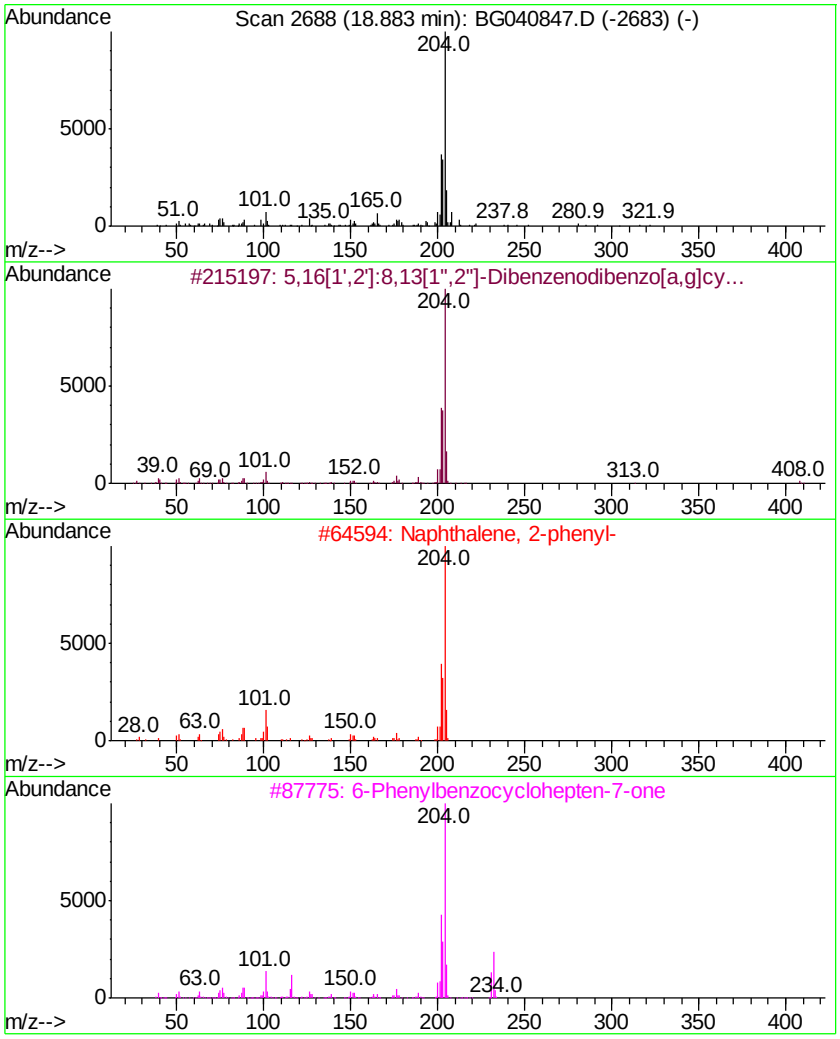
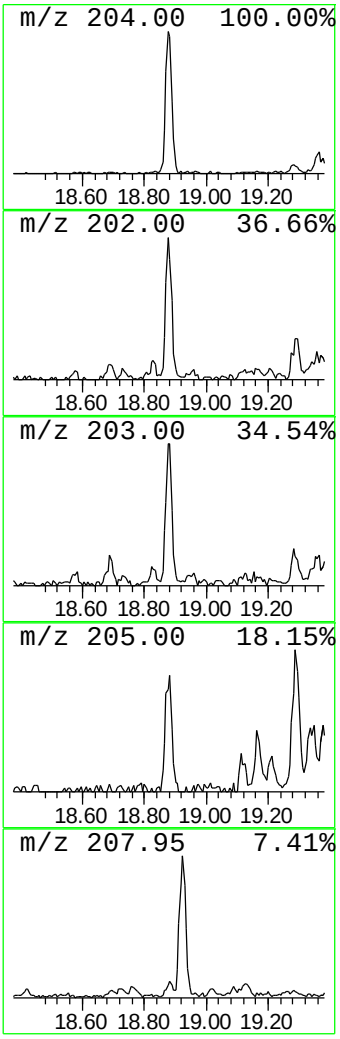
****

Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	2.45 ng	138761	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	55
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50





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Instrument : BNA_G
ClientSampleId : P026-SS001-1824-01

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

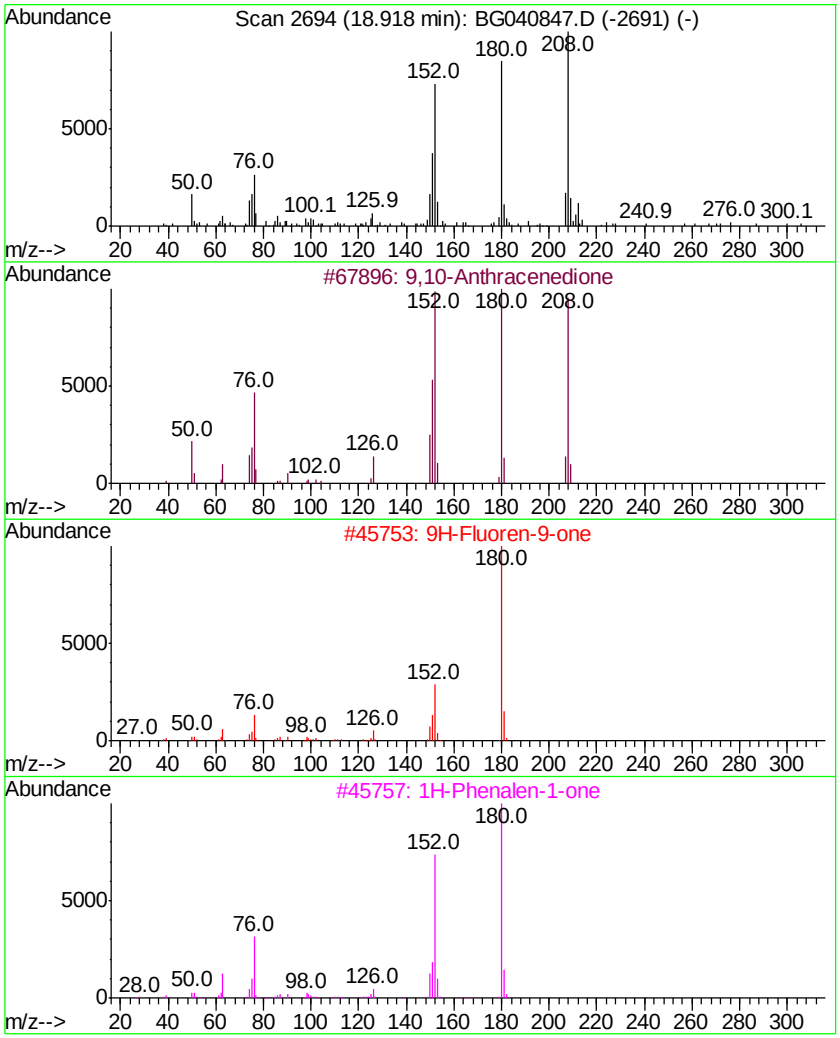
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

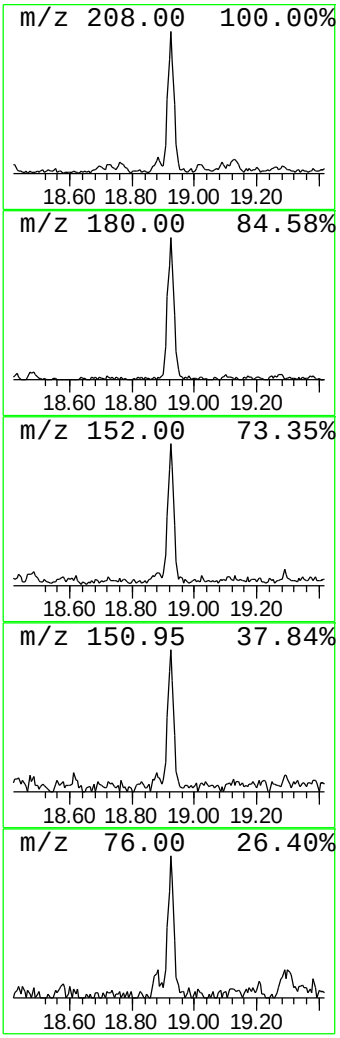
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	3.13 ng	177447	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040847.D
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Operator : HP/JU
Sample : K2764-15
Misc :
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Instrument : BNA_G
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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
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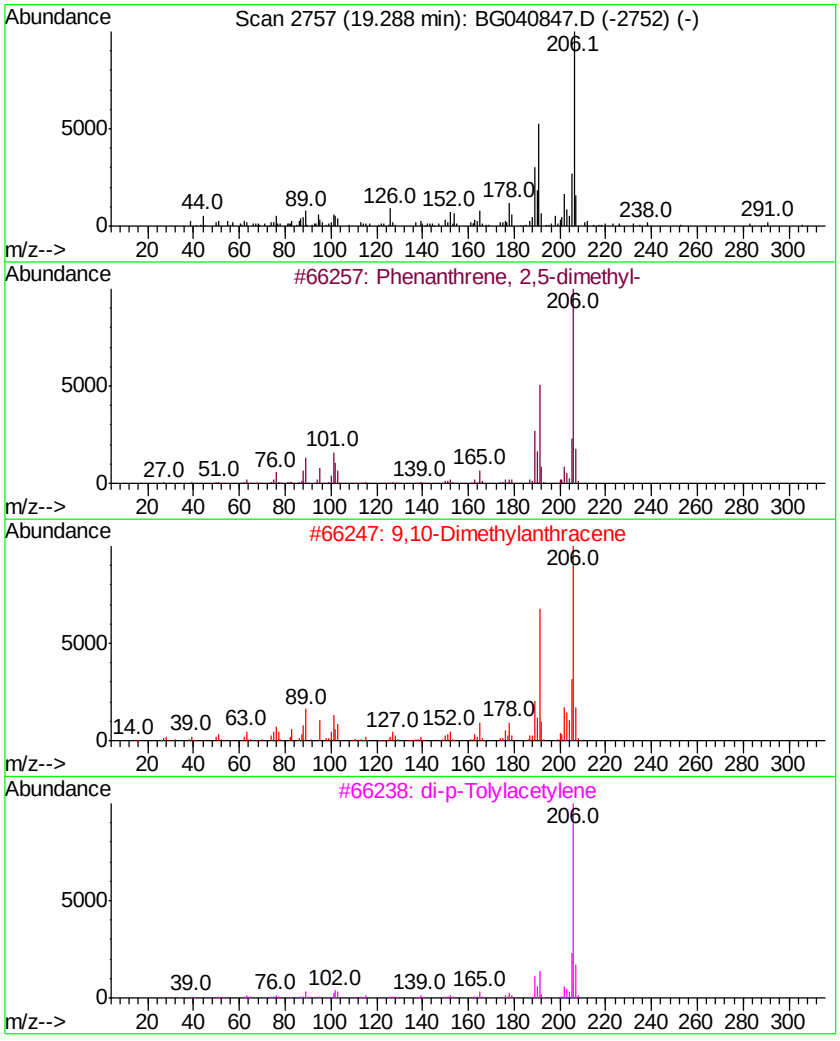
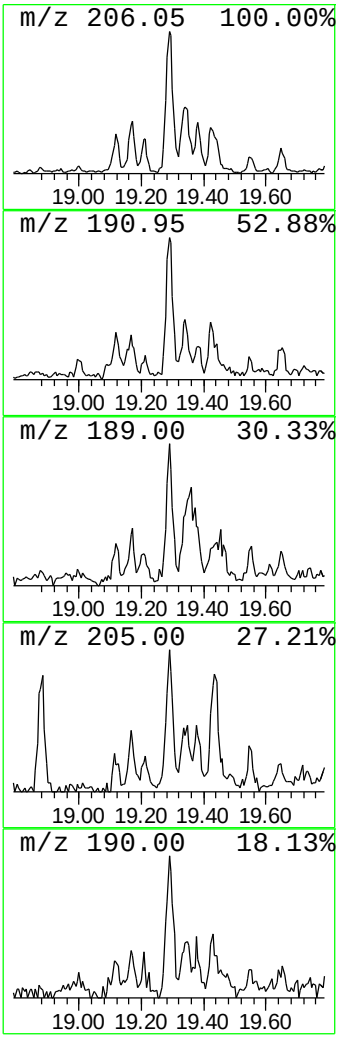
****

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	3.57 ng	202483	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040847.D
Acq On : 10 May 2019 12:11
Operator : HP/JU
Sample : K2764-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS001-1824-01

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

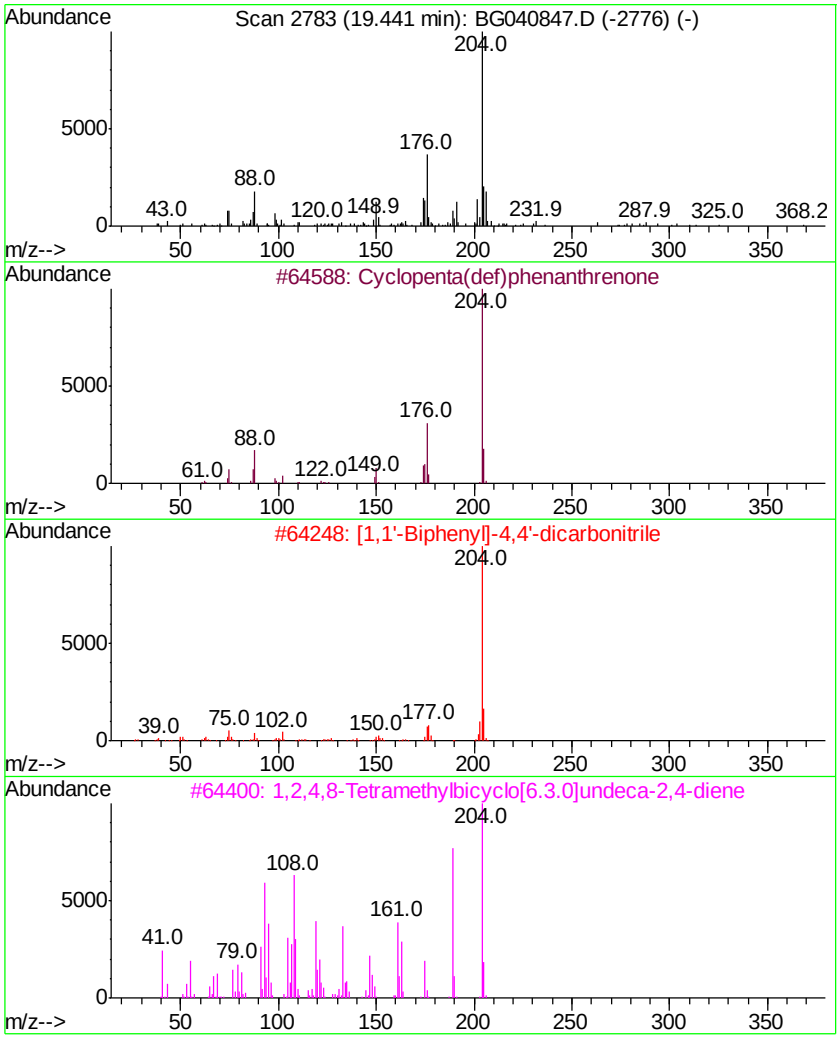
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

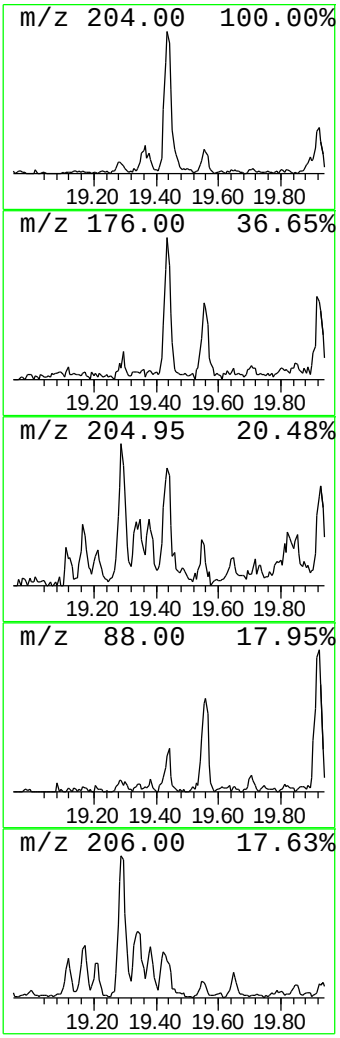
****

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	2.74 ng	155623	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47





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Acq On : 10 May 2019 12:11
Operator : HP/JU
Sample : K2764-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS001-1824-01

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

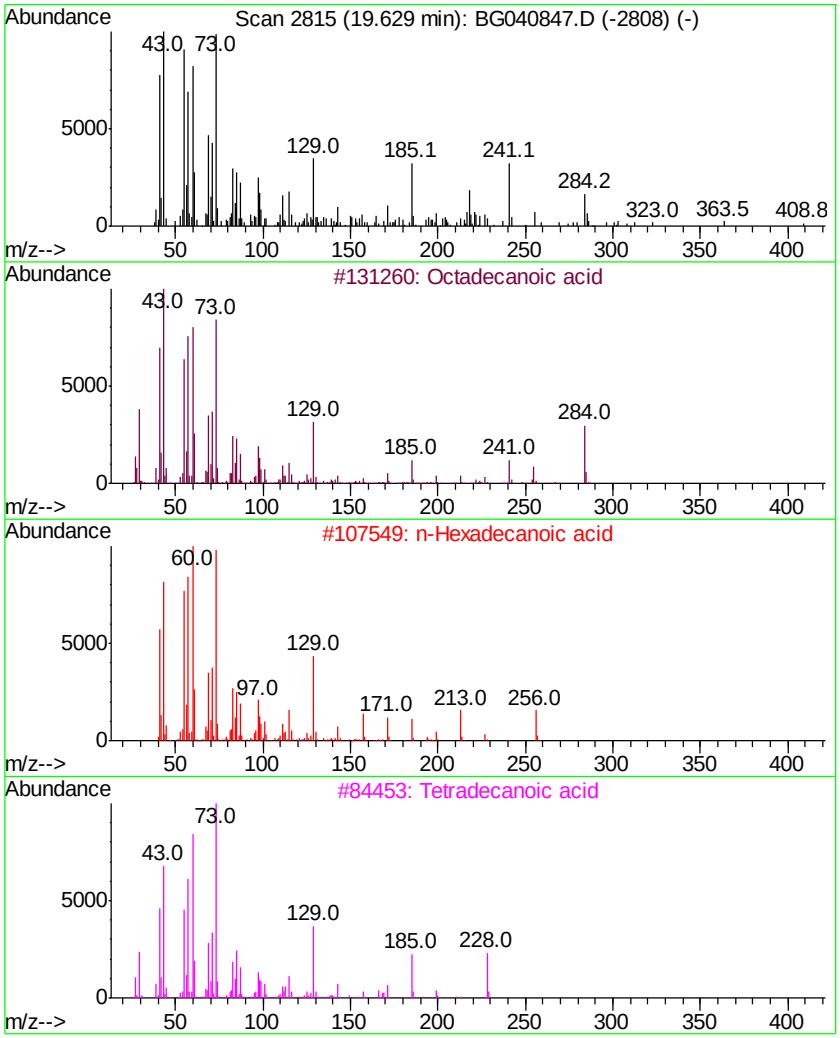
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

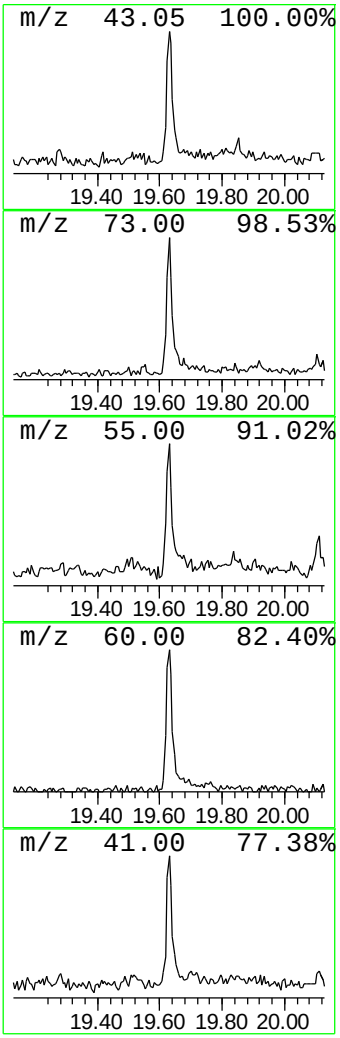
****

Peak Number 12 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	4.41 ng	249989	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





Library Search Compound Report

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Operator : HP/JU
Sample : K2764-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS001-1824-01

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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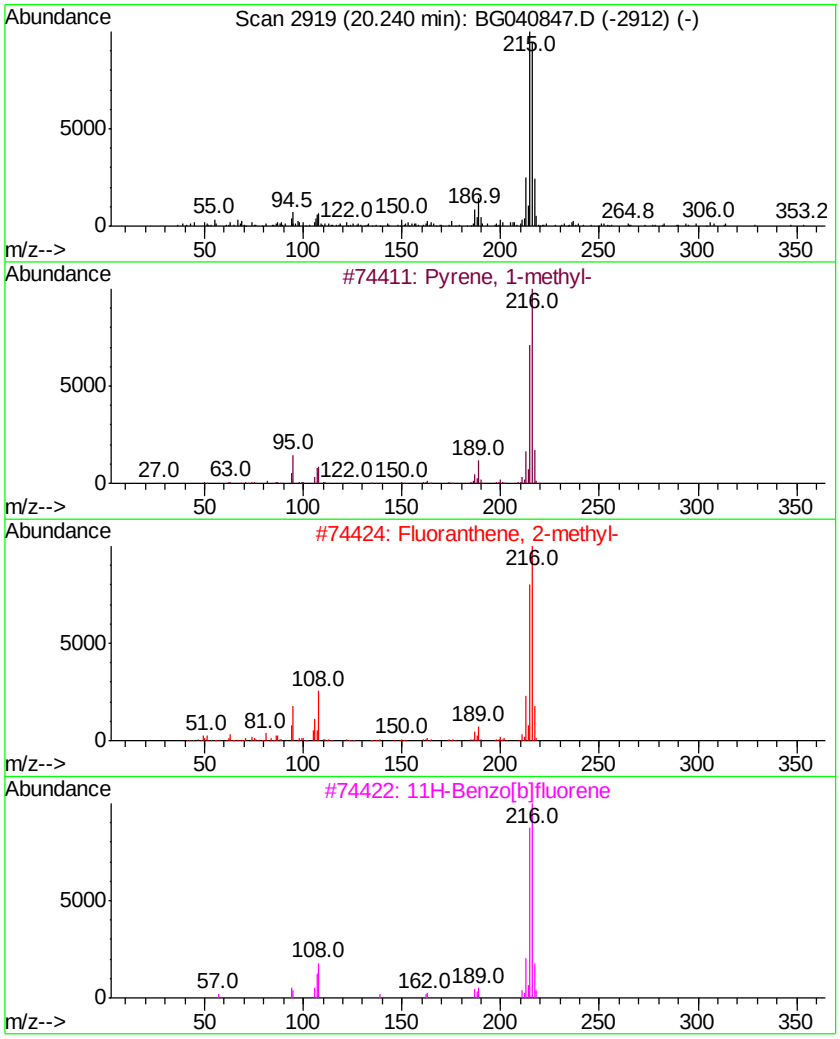
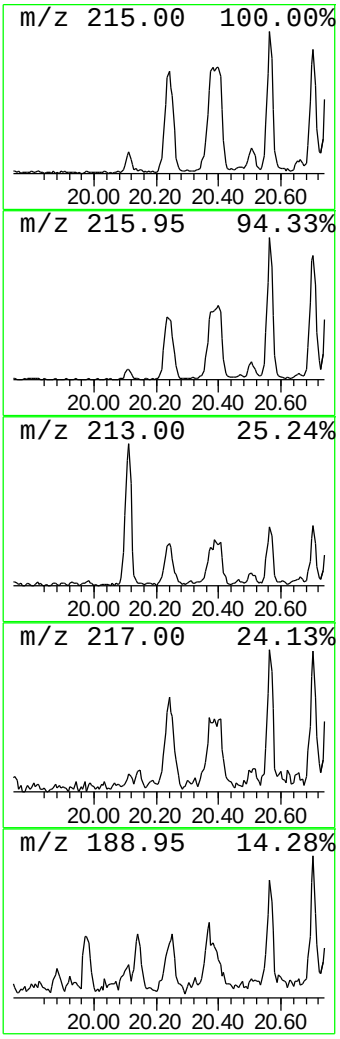
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	2.42 ng	217380	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	3-Pyridinamine, 6-chloro-N-(phen...	216	C12H9ClN2	005325-71-3	59





Library Search Compound Report

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Data File : BG040847.D
Acq On : 10 May 2019 12:11
Operator : HP/JU
Sample : K2764-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS001-1824-01

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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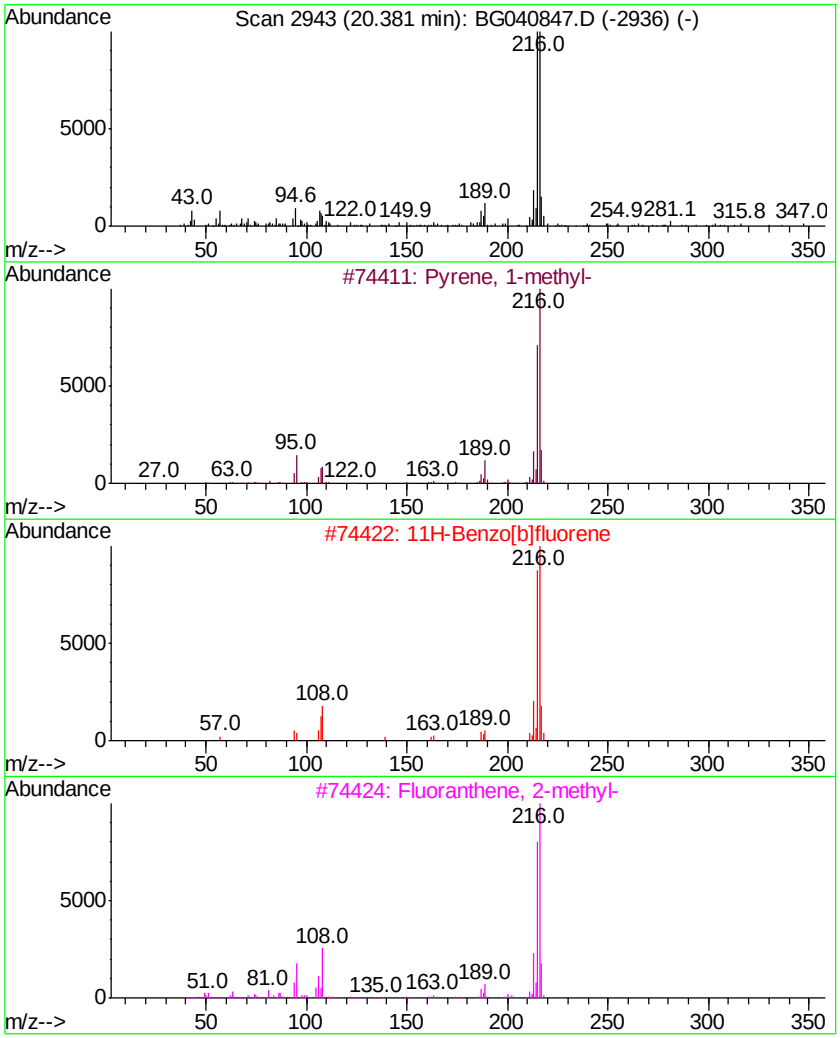
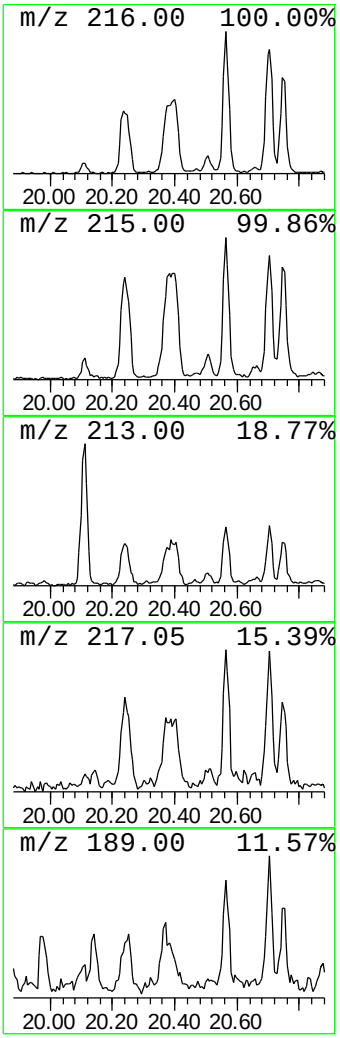
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	3.26 ng	292771	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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Acq On : 10 May 2019 12:11
Operator : HP/JU
Sample : K2764-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS001-1824-01

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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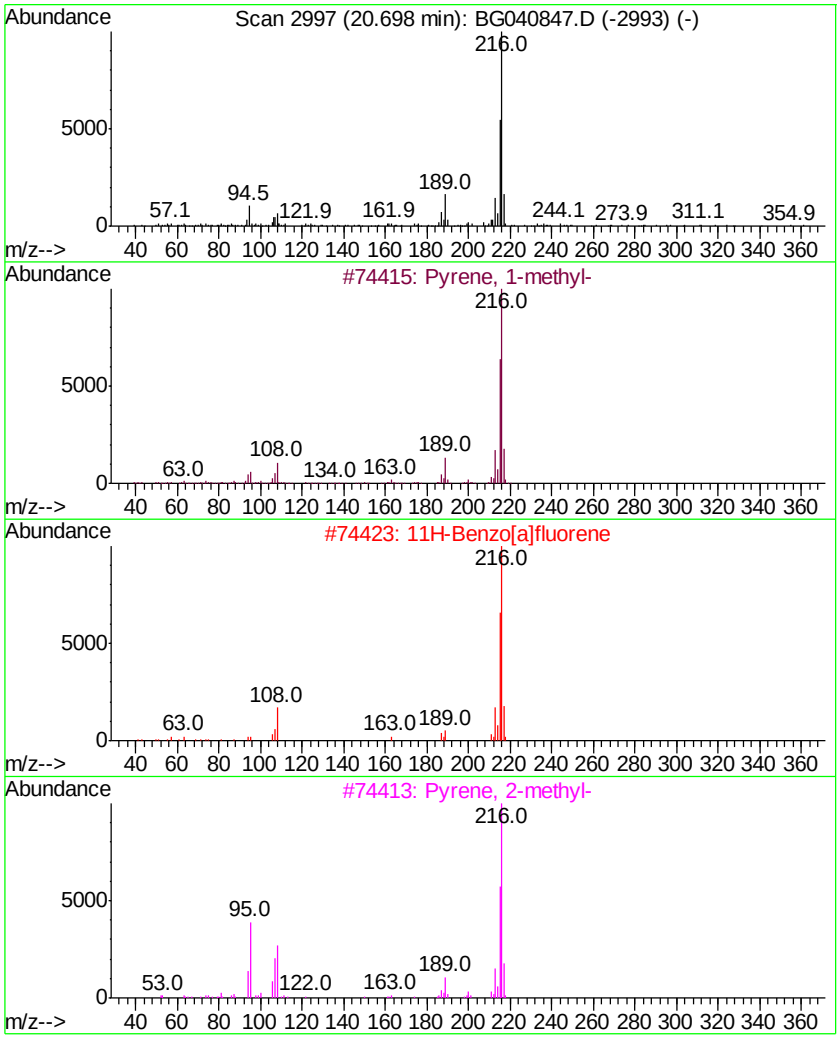
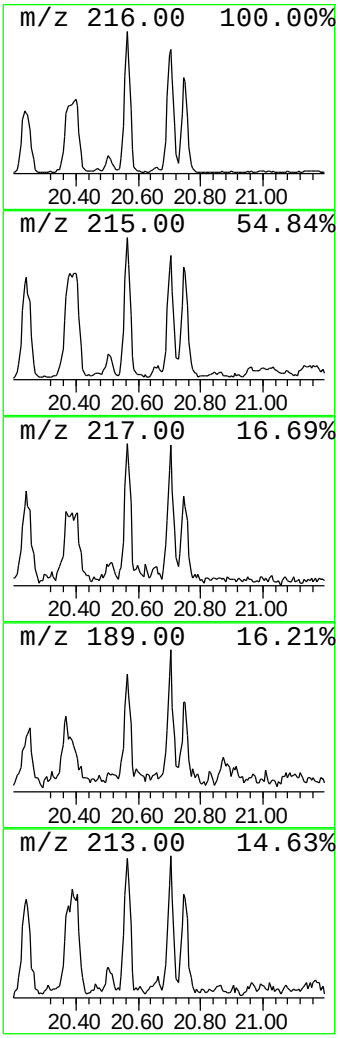
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	2.21 ng	197924	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	81





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Acq On : 10 May 2019 12:11
Operator : HP/JU
Sample : K2764-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS001-1824-01

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
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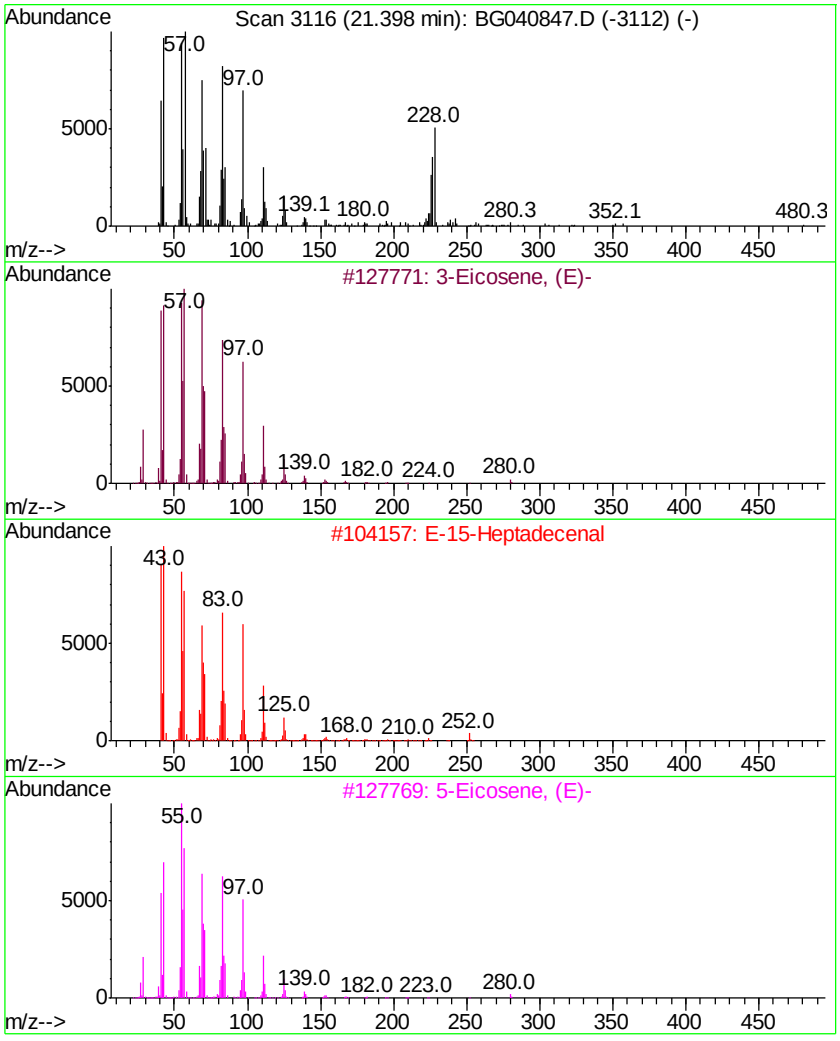
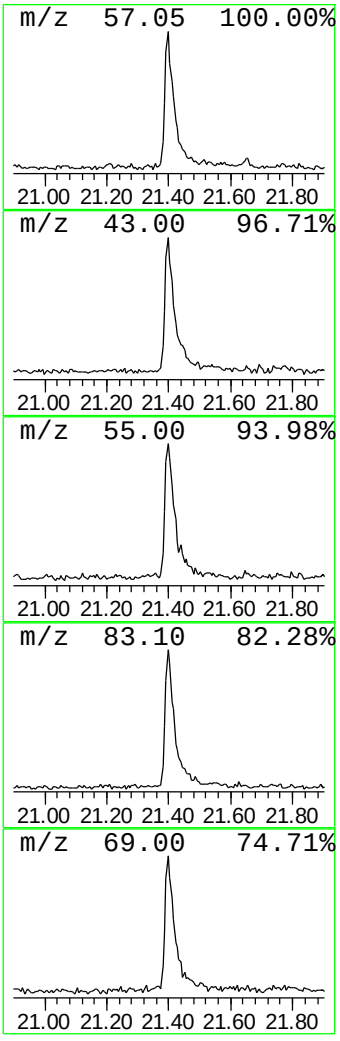
Peak Number 16 3-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	4.58 ng	411126	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	92
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	86
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	84
4	Cyclohexadecane	224	C16H32	000295-65-8	84
5	1-Heneicosanol	312	C21H44O	015594-90-8	81





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Acq On : 10 May 2019 12:11
Operator : HP/JU
Sample : K2764-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS001-1824-01

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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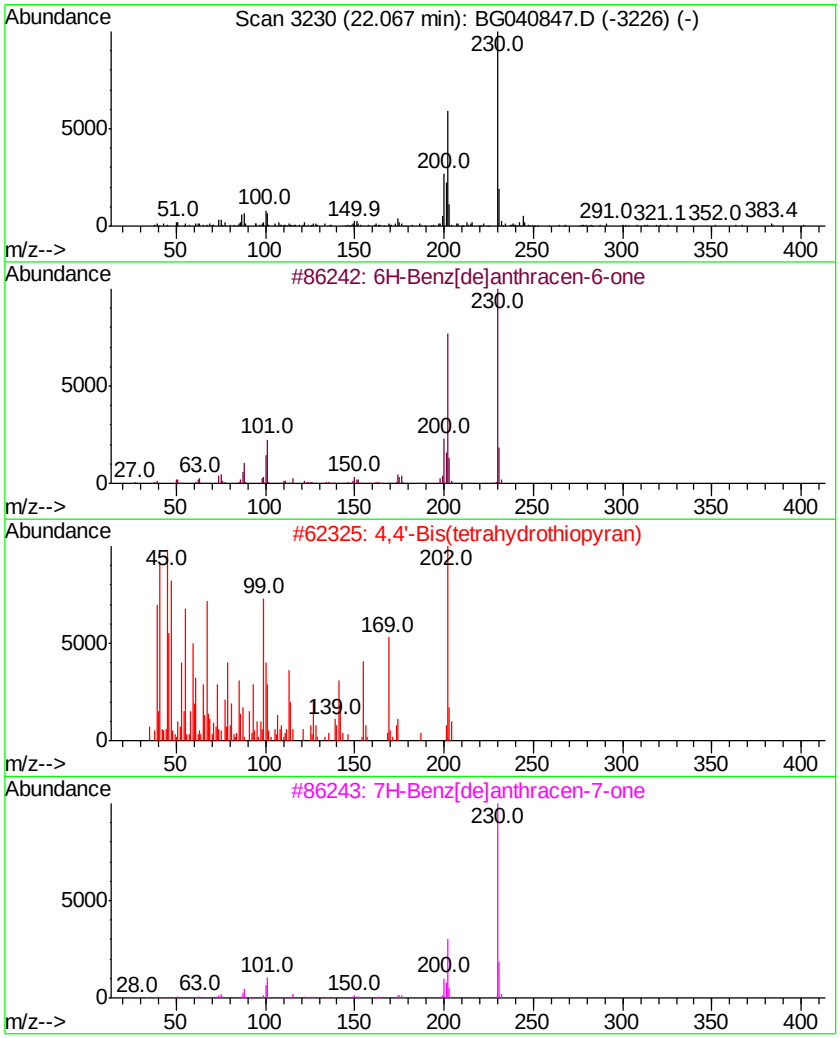
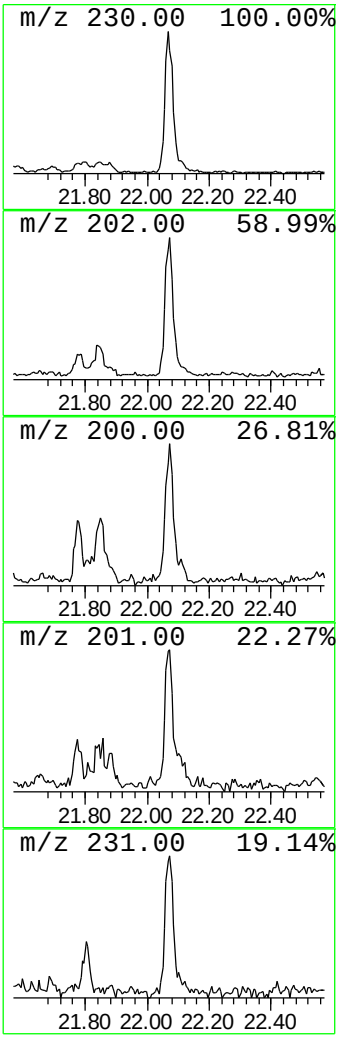
Peak Number 17 6H-Benz[de]anthracen-6-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	2.03 ng	182071	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	95
2	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	92
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
5	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	64





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : P026-SS001-1824-01

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
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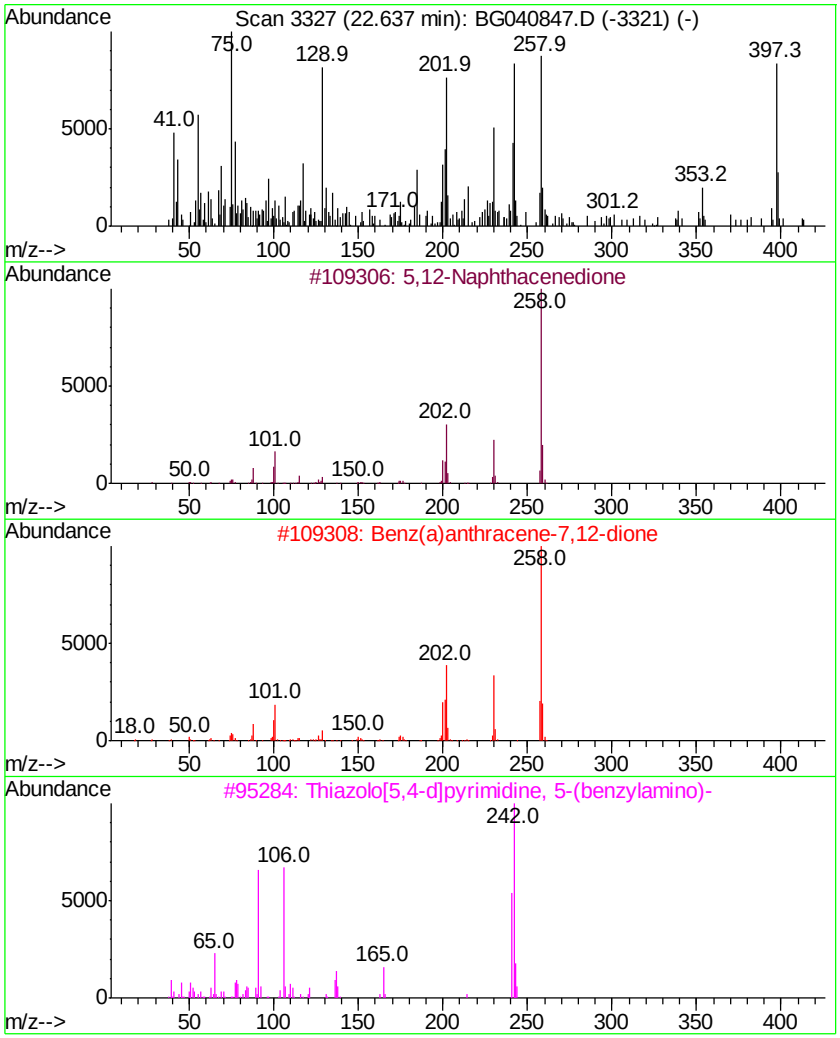
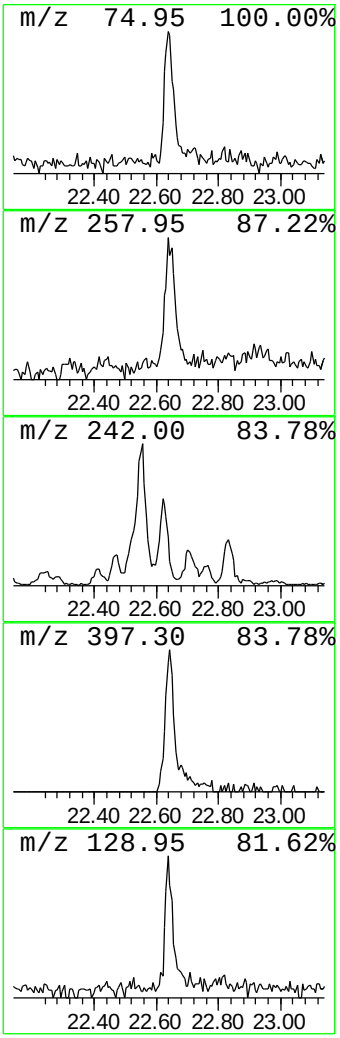
Peak Number 18 5,12-Naphthacenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	2.38 ng	213976	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	55
2	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	30
3	Thiazolo[5,4-d]pyrimidine, 5-(be...	242	C12H10N4S	019835-22-4	25
4	1-Formyl-2,2,4-trimethylquinolin...	273	C16H19NO3	1000211-50-6	22
5	Famphur, oxygen analog	309	C10H16NO6PS	000960-25-8	15





Tentatively Identified Compound (LSC) summary

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Acq On : 10 May 2019 12:11
Operator : HP/JU
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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
Butane, 2-methoxy...	3.23	17.0	ng	349343	1	8.14	411976	20.0
unknown7.67	7.67	112.9	ng	2324760	1	8.14	411976	20.0
n-Hexadecanoic acid	18.37	13.2	ng	746172	4	17.51	1133930	20.0
Phenanthrene, 1-m...	18.43	2.8	ng	160362	4	17.51	1133930	20.0
Anthracene, 1-met...	18.57	3.6	ng	204925	4	17.51	1133930	20.0
5,16[1',2']:8,13[...	18.88	2.5	ng	138761	4	17.51	1133930	20.0
9,10-Anthracenedione	18.92	3.1	ng	177447	4	17.51	1133930	20.0
Phenanthrene, 2,5...	19.29	3.6	ng	202483	4	17.51	1133930	20.0
Cyclopenta(def)ph...	19.44	2.7	ng	155623	4	17.51	1133930	20.0
Octadecanoic acid	19.63	4.4	ng	249989	4	17.51	1133930	20.0
Fluoranthene, 2-m...	20.24	2.4	ng	217380	5	21.80	1795080	20.0
11H-Benzo[b]fluorene	20.38	3.3	ng	292771	5	21.80	1795080	20.0
Pyrene, 1-methyl-	20.70	2.2	ng	197924	5	21.80	1795080	20.0
3-Eicosene, (E)-	21.40	4.6	ng	411126	5	21.80	1795080	20.0
6H-Benz[de]anthra...	22.07	2.0	ng	182071	5	21.80	1795080	20.0
5,12-Naphthacened...	22.64	2.4	ng	213976	5	21.80	1795080	20.0