LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

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-BG041520.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	3.181	12	16	22	rVB2	54424	91233	1.97%	0.177%
2	5.578	417	424	434	rBV	1104000	1889389	40.71%	3.671%
3	7.176	685	696	709	rBV	1314736	2377828	51.23%	4.620%
4	7.599	763	768	773	rBV2	28452	48844	1.05%	0.095%
5	8.010	831	838	846	rBV	354899	627561	13.52%	1.219%
6	8.333	884	893	901	rBV	1171182	2097284	45.19%	4.075%
7	9.167	1025	1035	1042	rBV	895382	1656257	35.68%	3.218%
8	10.812	1308	1315	1321	rBV	502026	926222	19.96%	1.800%
9	12.469	1589	1597	1604	rVB	57282	108432	2.34%	0.211%
10	12.692	1625	1635	1641	rBV	107676	195537	4.21%	0.380%
11	13.268	1725	1733	1744	rVB	2576811	4107985	88.51%	7.982%
12	13.479	1762	1769	1775	rVB2	42550	68632	1.48%	0.133%
13	13.808	1819	1825	1834	rBV5	67875	172718	3.72%	0.336%
14	13.967	1845	1852	1857	rBV2	115906	211776	4.56%	0.411%
15	14.020	1857	1861	1867	rVB	63377	99188	2.14%	0.193%
16	14.090	1867	1873	1879	rBV	348337	518212	11.16%	1.007%
17	14.202	1885	1892	1896	rBV3	65104	105287	2.27%	0.205%
18	14.366	1913	1920	1933	rBV	213937	409516	8.82%	0.796%
19	14.642	1958	1967	1973	rVV2	770677	1299895	28.01%	2.526%
20	14.707	1973	1978	1986	rVB	252346	420772	9.07%	0.818%
21	14.860	1998	2004	2012	rVB4	29726	80663	1.74%	0.157%
22	14.954	2012	2020	2025	rBV5	28455	80368	1.73%	0.156%
23	15.042	2029	2035	2043	rVV	256756	422619	9.11%	0.821%
24	15.118	2043	2048	2052	rVB2	44443	65736	1.42%	0.128%
25	15.265	2065	2073	2078	rBV5	48248	116921	2.52%	0.227%
26	15.312	2078	2081	2086	rVB2	36992	51929	1.12%	0.101%
27	15.441	2095	2103	2106	rBV7	36076	79894	1.72%	0.155%
28	15.512	2110	2115	2120	rVB2	43703	75445	1.63%	0.147%
29	15.688	2140	2145	2158	rVB	331596	582054	12.54%	1.131%
30	15.817	2158	2167	2170	rBV5	63876	150365	3.24%	0.292%
31	15.858	2170	2174	2177	rVB5	38521	54996	1.18%	0.107%
32	15.911	2178	2183	2185	rBV4	46641	65466	1.41%	0.127%
33	15.988	2191	2196	2205	rVB	89512	174973	3.77%	0.340%
34	16.134	2214	2221	2228	rVB	1648309	2650298	57.10%	5.150%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

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-BG041520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.364	2256	2260	2262	rBV3	72134	89739	1.93%	0.174%
36	16.693	2310	2316	2321	rBV4	81414	167404	3.61%	0.325%
37	16.745	2322	2325	2331	rVB2	46224	80453	1.73%	0.156%
38	16.845	2338	2342	2348	rVB2	59459	95419	2.06%	0.185%
39	17.209	2400	2404	2412	rVB	189602	313969	6.76%	0.610%
40	17.392	2429	2435	2438	rBV	866075	1341771	28.91%	2.607%
41	17.433	2438	2442	2449	rVV	1537692	2340462	50.43%	4.548%
42	17.521	2452	2457	2463	rVB	513564	792937	17.08%	1.541%
43	17.580	2463	2467	2474	rBV3	97470	170541	3.67%	0.331%
44	17.785	2499	2502	2513	rVB	95400	186334	4.01%	0.362%
45	18.267	2580	2584	2588	rBV	198408	298807	6.44%	0.581%
46	18.314	2588	2592	2600	rVB	278601	431969	9.31%	0.839%
47	18.396	2602	2606	2610	rBV2	125449	176974	3.81%	0.344%
48	18.467	2612	2618	2622	rBV3	620867	1063199	22.91%	2.066%
49	18.760	2665	2668	2672	rBV	123781	161921	3.49%	0.315%
50	19.177	2737	2739	2743	rVB	87973	101405	2.18%	0.197%
51	19.442	2779	2784	2791	rBV	1510956	2223395	47.90%	4.320%
52	19.589	2806	2809	2815	rBV	112874	171489	3.69%	0.333%
53	19.800	2837	2845	2854	rVB	1423916	2498435	53.83%	4.855%
54	20.006	2874	2880	2884	rVB	3336930	4641459	100.00%	9.018%
55	20.294	2926	2929	2938	rVB2	412889	665705	14.34%	1.293%
56	20.393	2942	2946	2950	rVB	299152	404551	8.72%	0.786%
57	20.452	2953	2956	2961	rVB	187780	258631	5.57%	0.503%
58	20.593	2977	2980	2984	rBV	138698	157562	3.39%	0.306%
59	20.675	2991	2994	3001	rVB2	306117	371388	8.00%	0.722%
60	21.316	3099	3103	3110	rVB5	321500	630087	13.58%	1.224%
61	21.651	3153	3160	3165	rBV3	1094123	2778730	59.87%	5.399%
62	21.703	3165	3169	3177	rVB	656886	1099310	23.68%	2.136%
63	21.856	3192	3195	3201	rVB4	199673	326707	7.04%	0.635%
64	23.842	3526	3533	3540	rBV	525235	1597916	34.43%	3.105%
65	24.552	3648	3654	3667	rVB	415147	1166226	25.13%	2.266%
66	24.693	3670	3678	3686	rVB	550224	1541149	33.20%	2.994%
67	24.840	3697	3703	3709	rBV	400226	1035661	22.31%	2.012%

Sum of corrected areas: 51466000

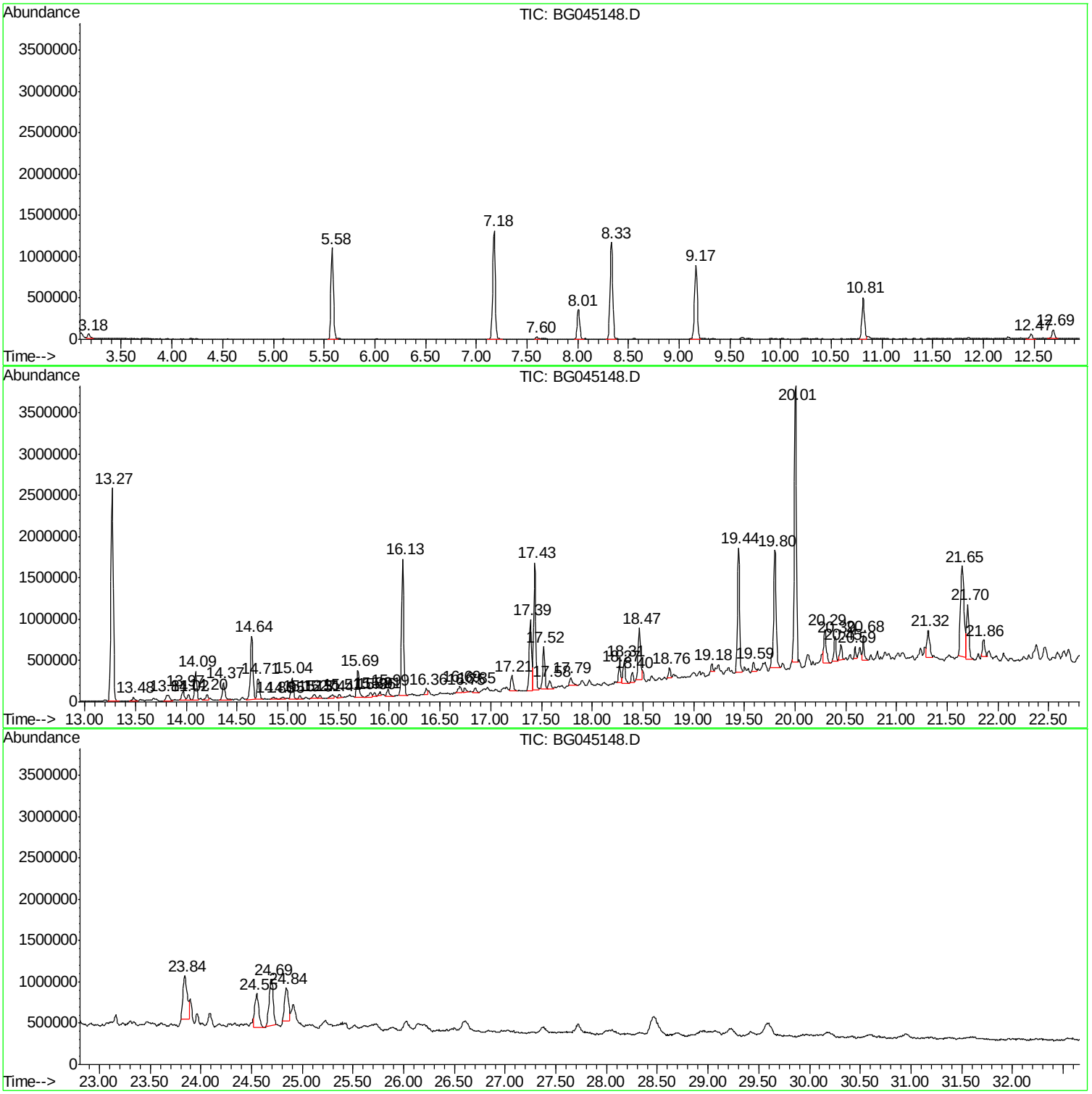
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

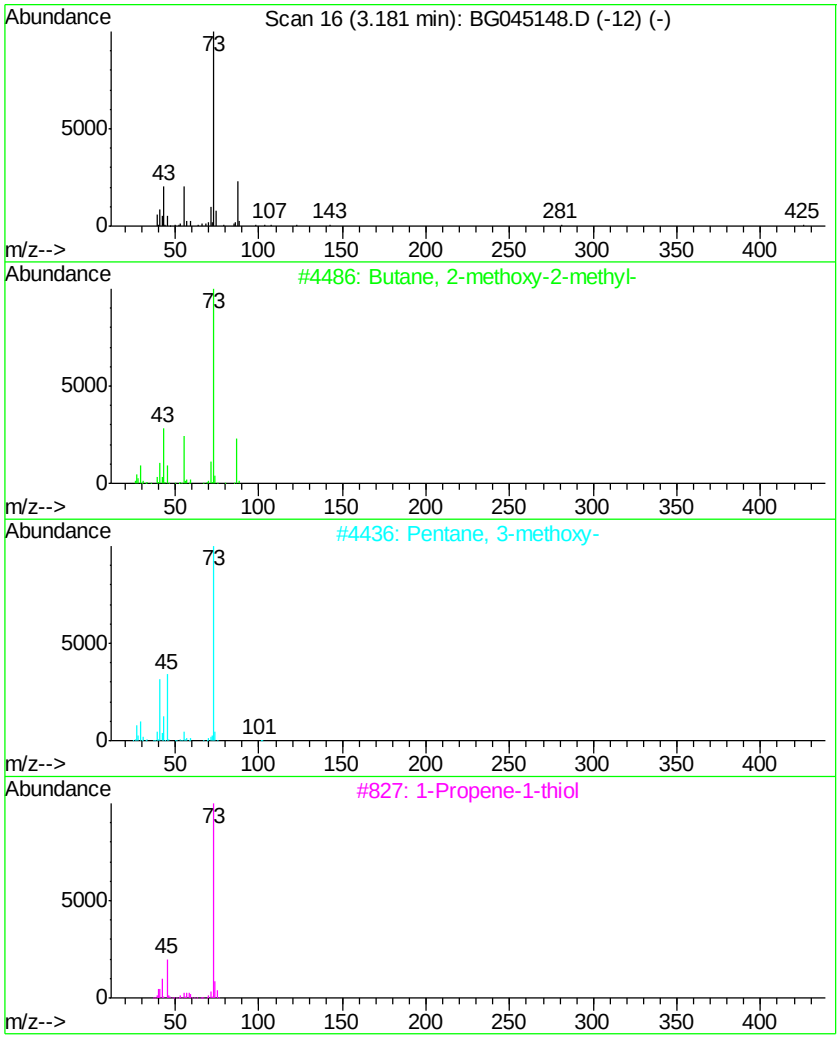
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

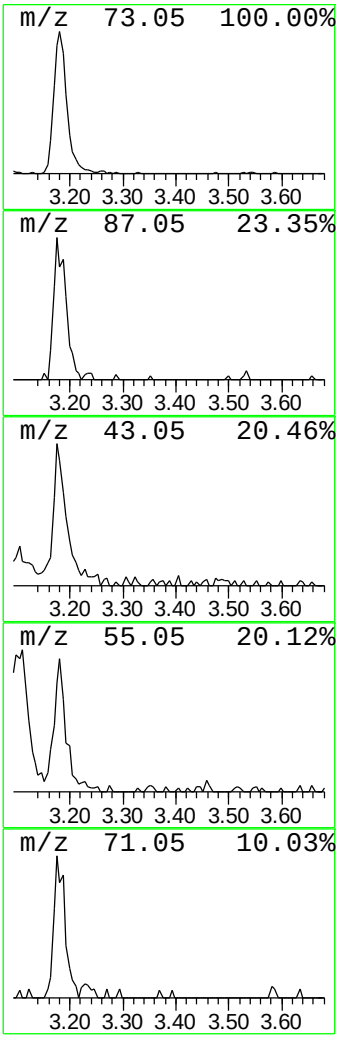
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	2.91 ng	91233	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

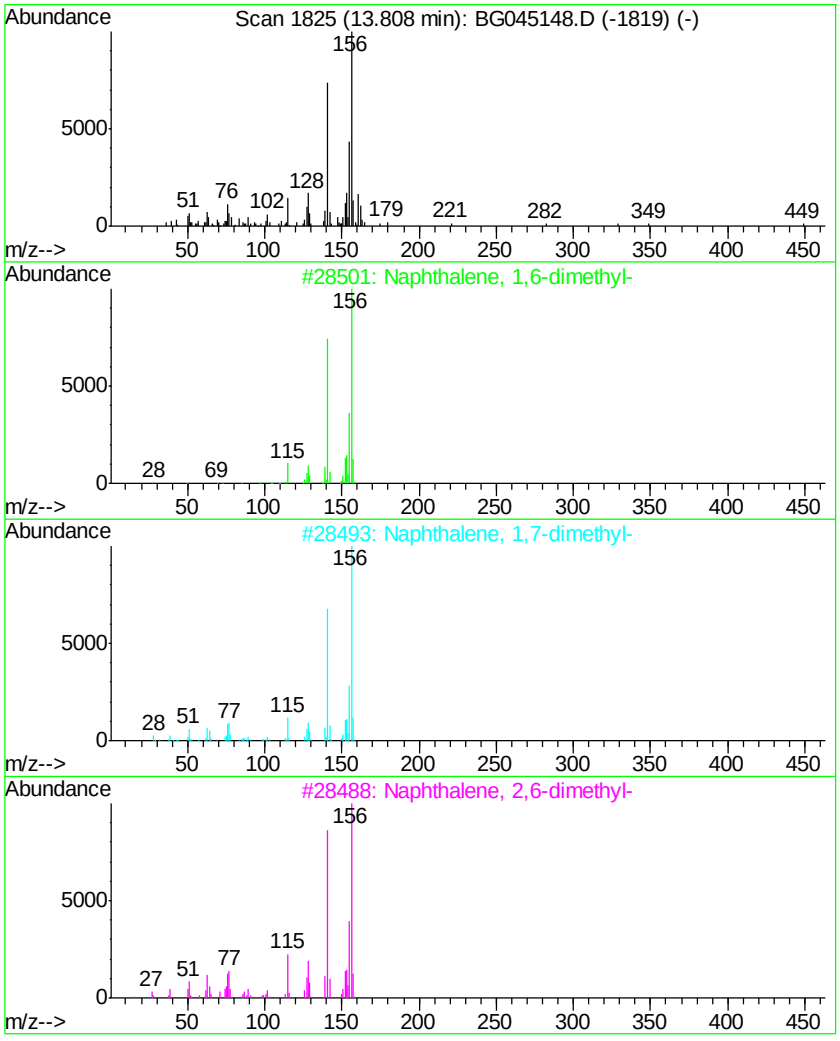
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

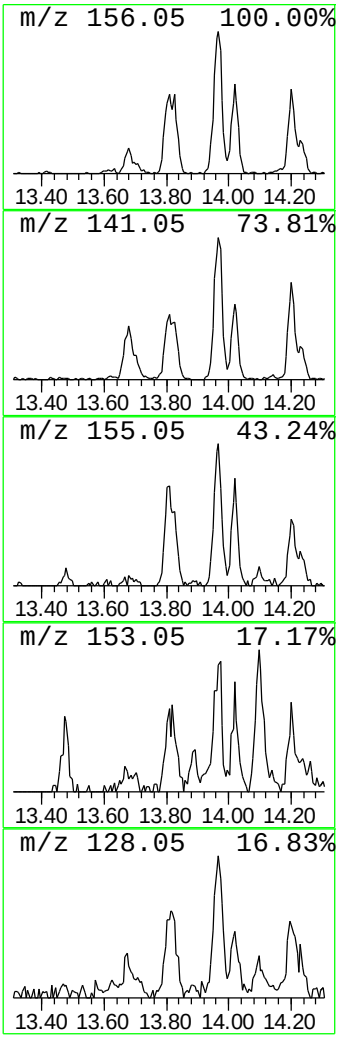
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.66 ng	172718	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

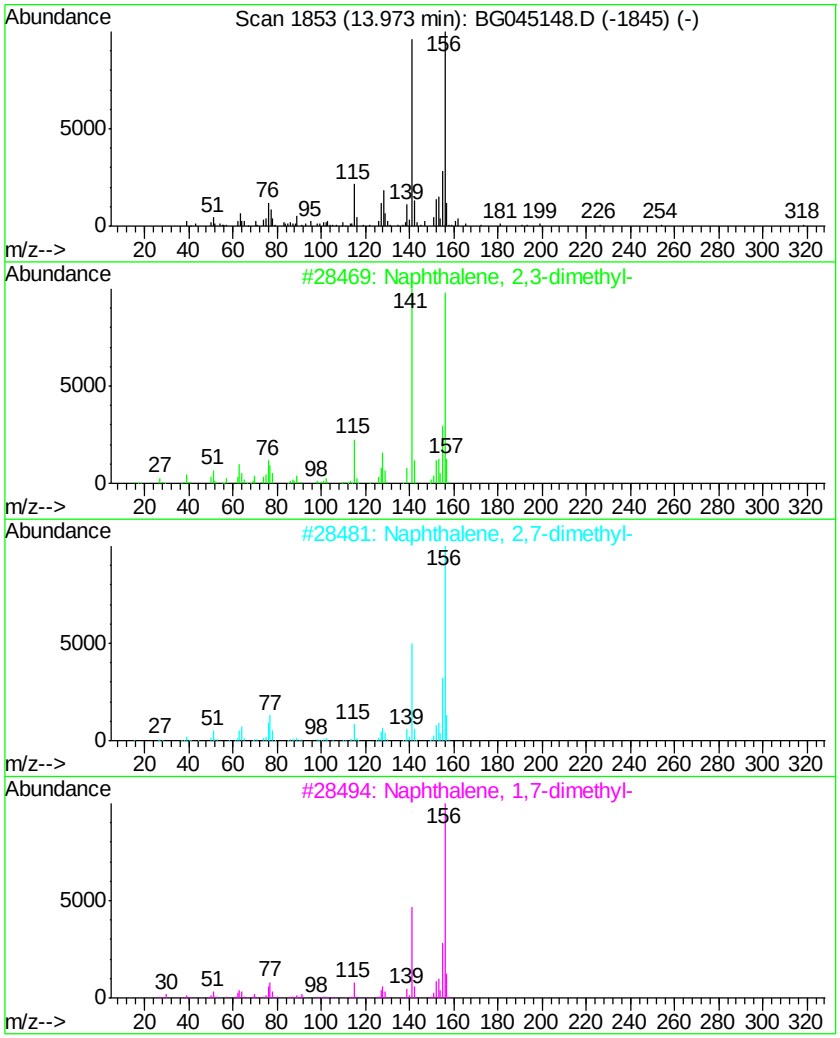
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

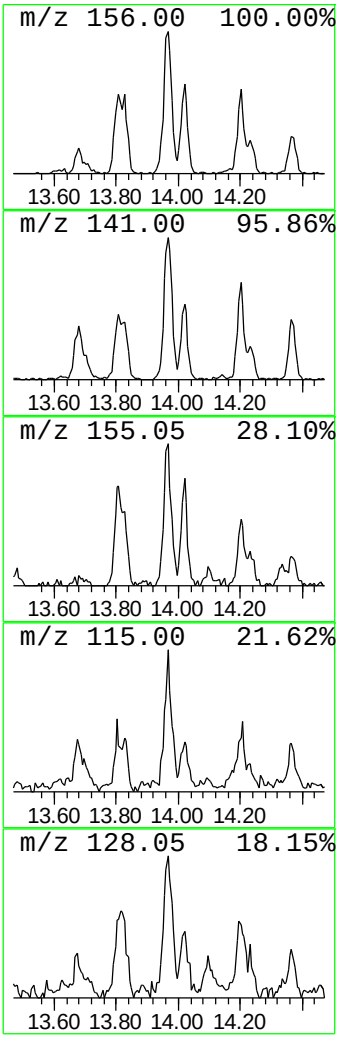
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	3.26 ng	211776	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

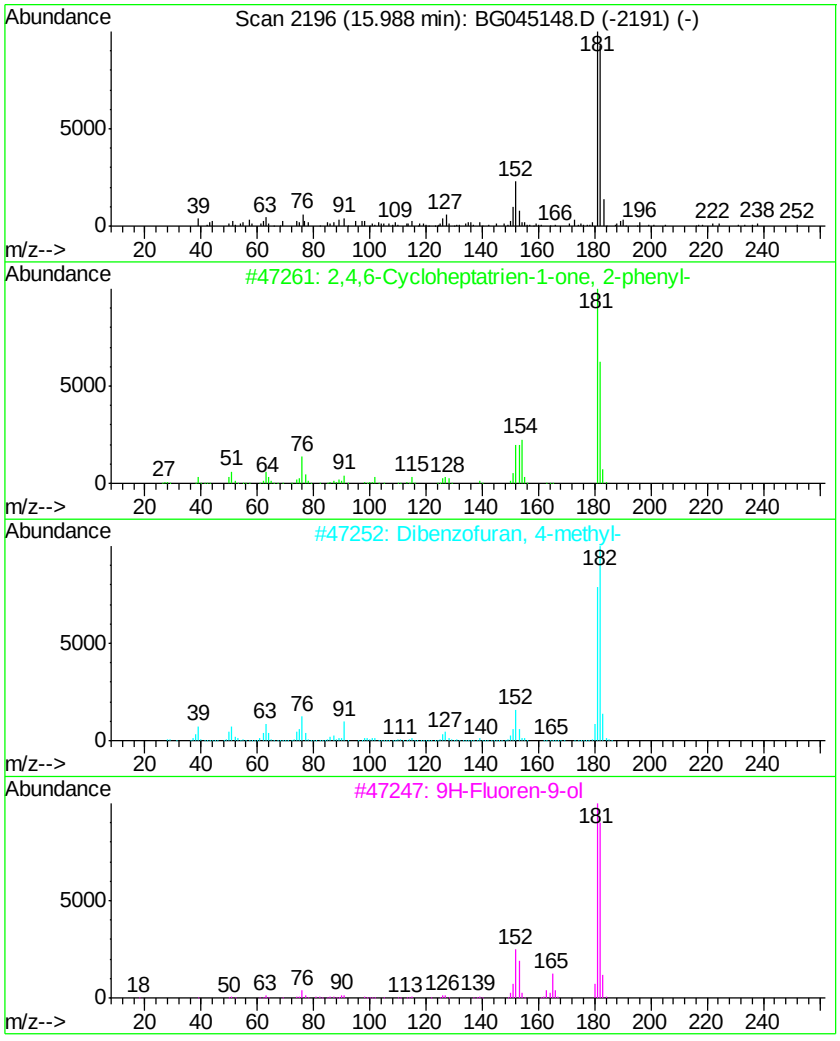
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

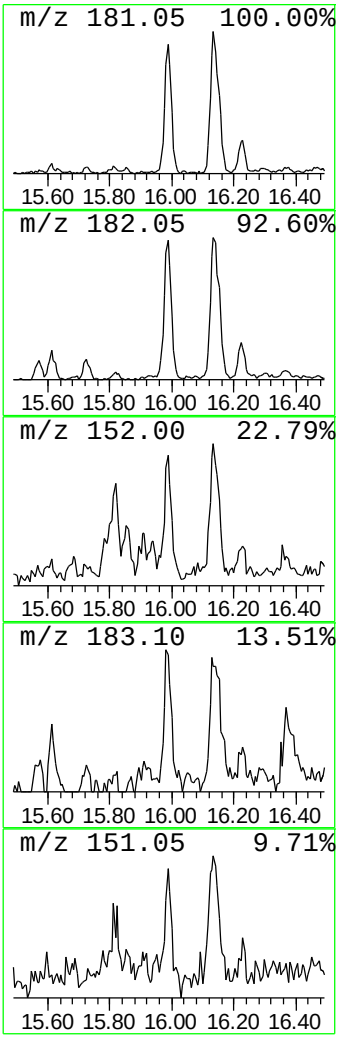
****

Peak Number 6 2,4,6-Cycloheptatrien-1-one... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	2.69 ng	174973	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

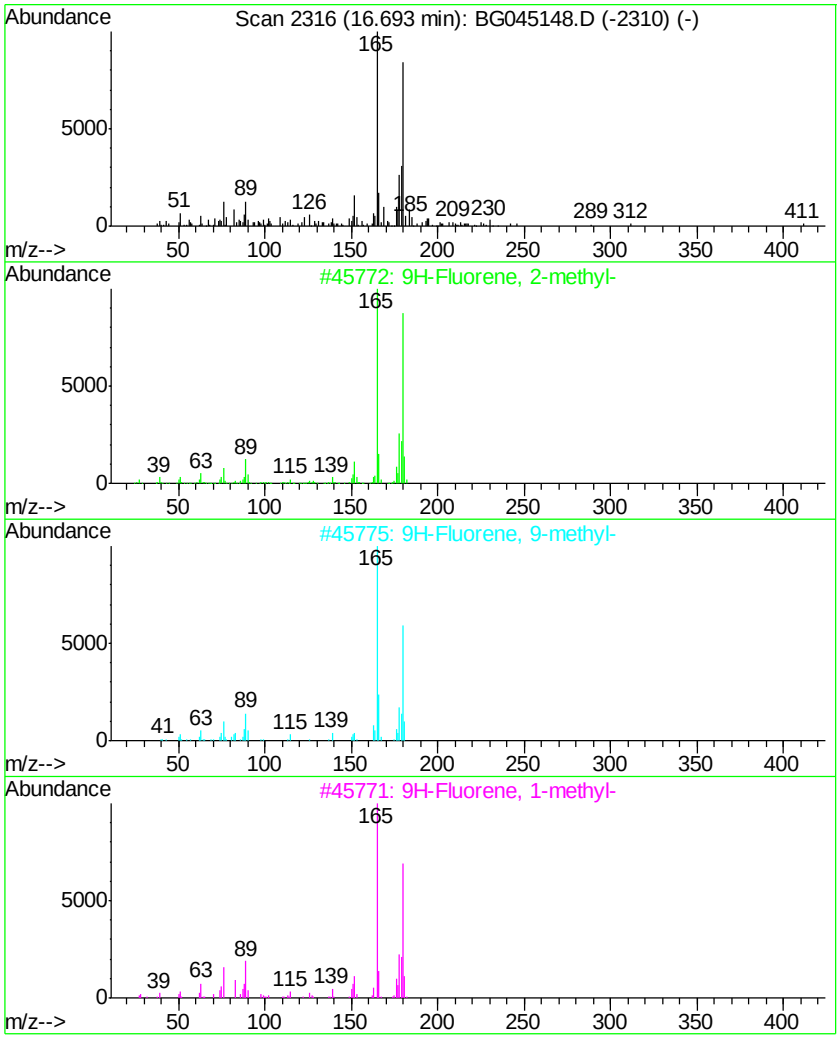
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

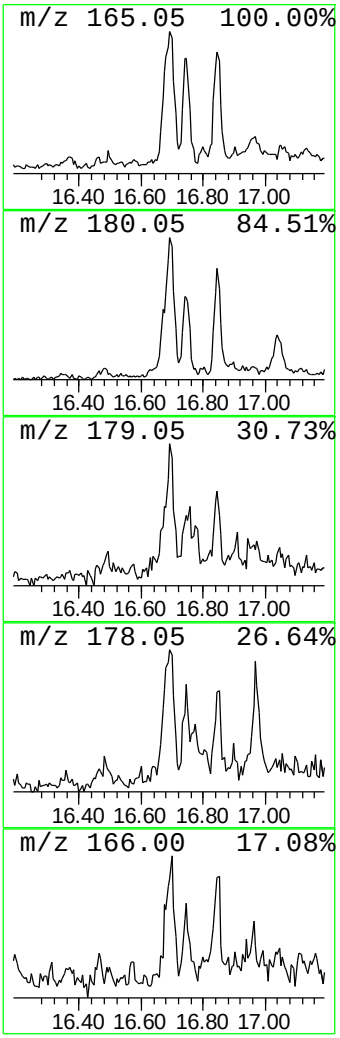
****

Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	2.50 ng	167404	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	76
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

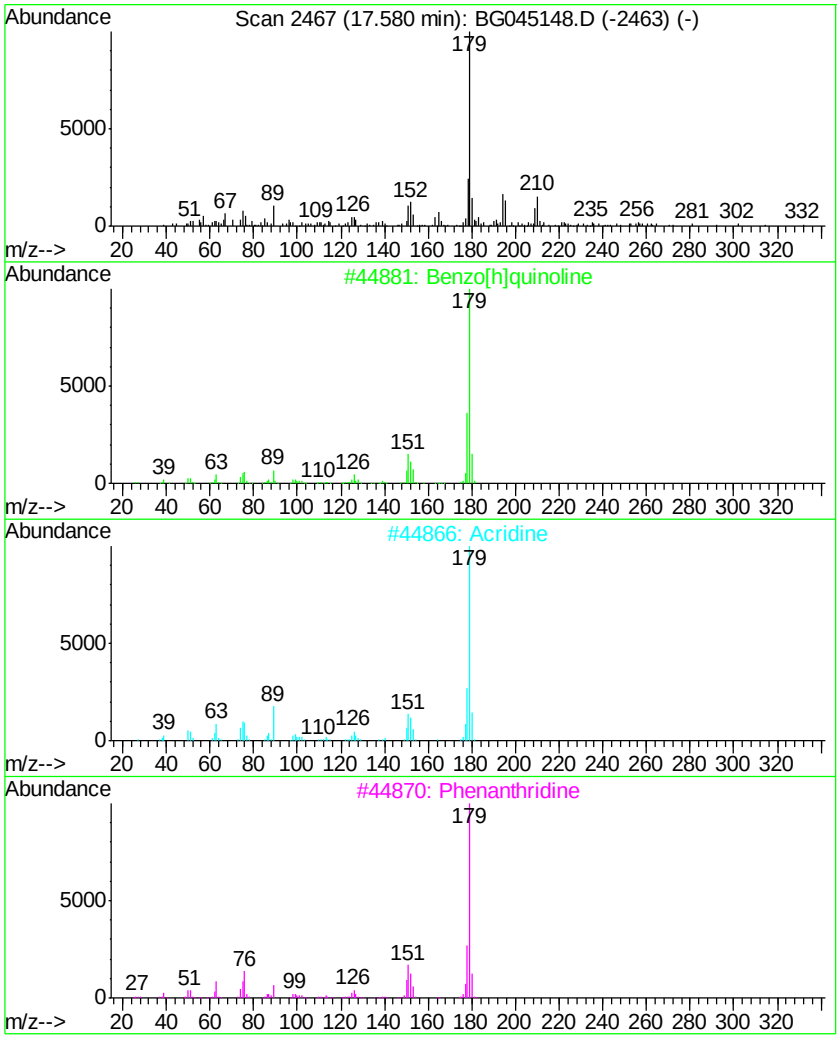
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

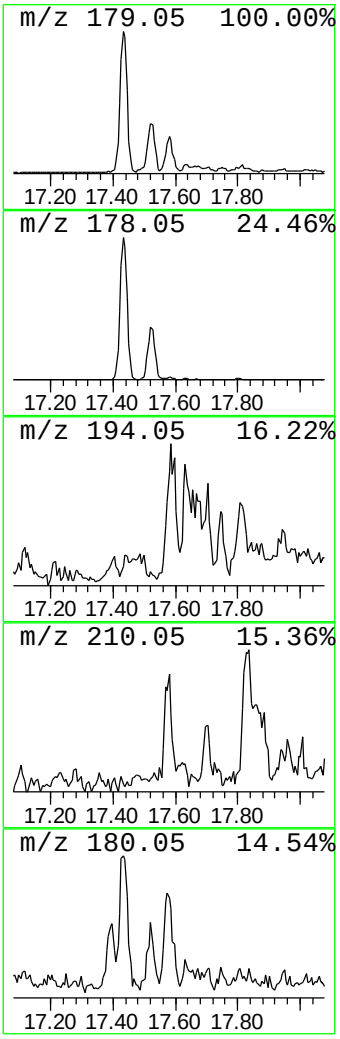
****

Peak Number 9 Benzo[h]quinoline Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	2.54 ng	170541	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	76
2	Acridine	179	C13H9N	000260-94-6	76
3	Phenanthridine	179	C13H9N	000229-87-8	70
4	Benzo[f]quinoline	179	C13H9N	000085-02-9	68
5	[1,1'-Biphenyl]-2-carbonitrile	179	C13H9N	024973-49-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

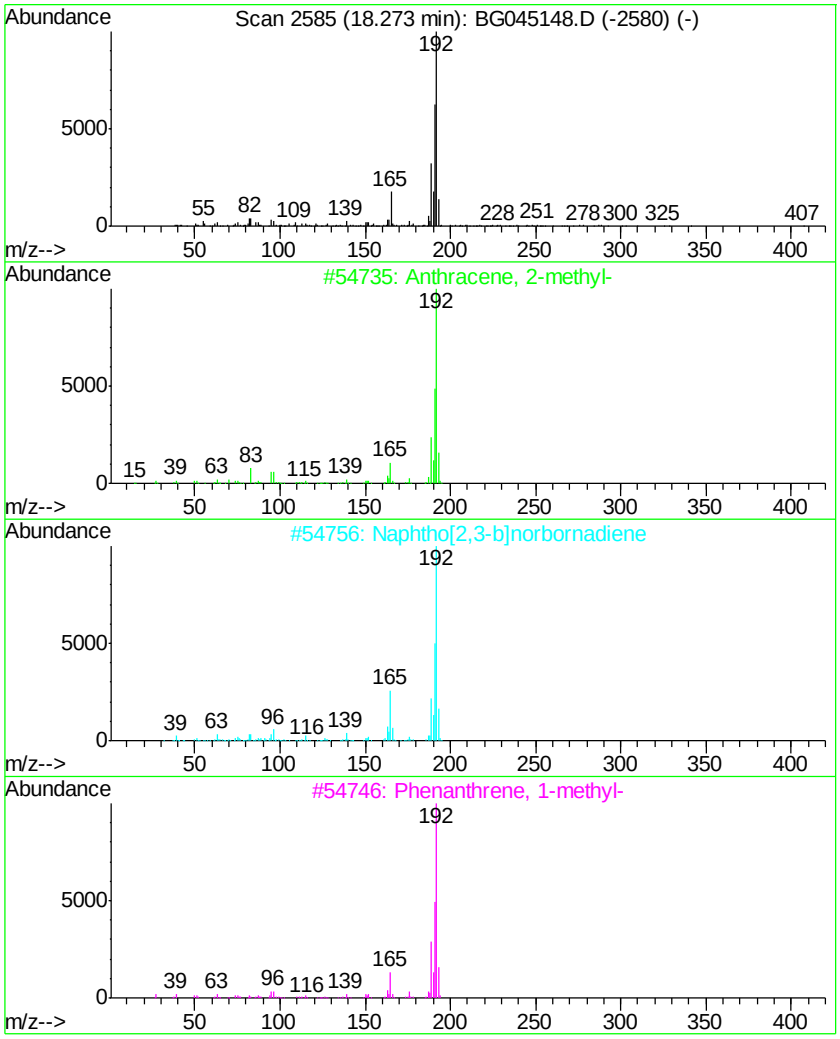
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

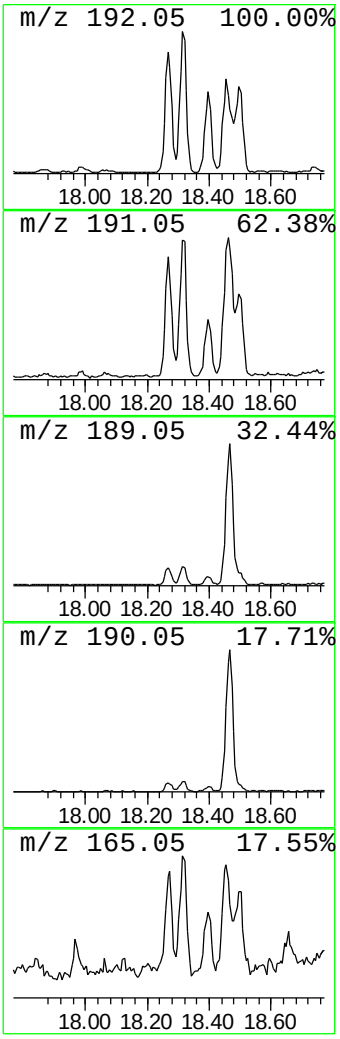
****

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	4.45 ng	298807	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83





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Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

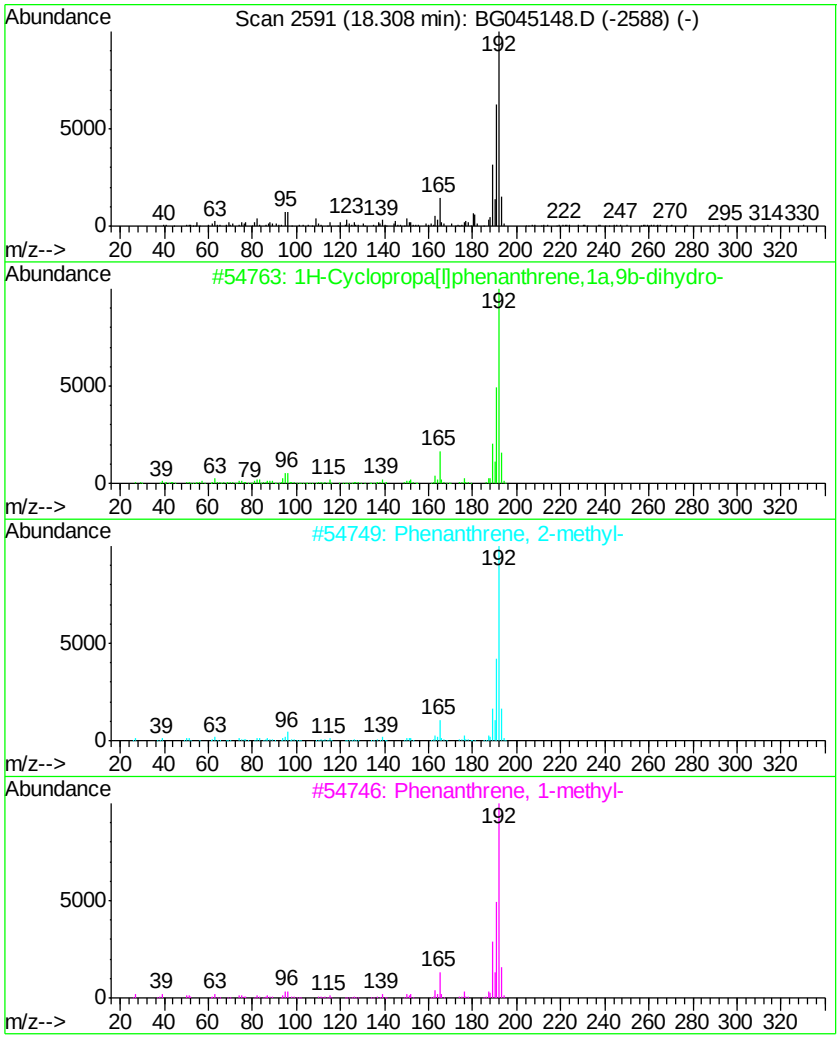
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

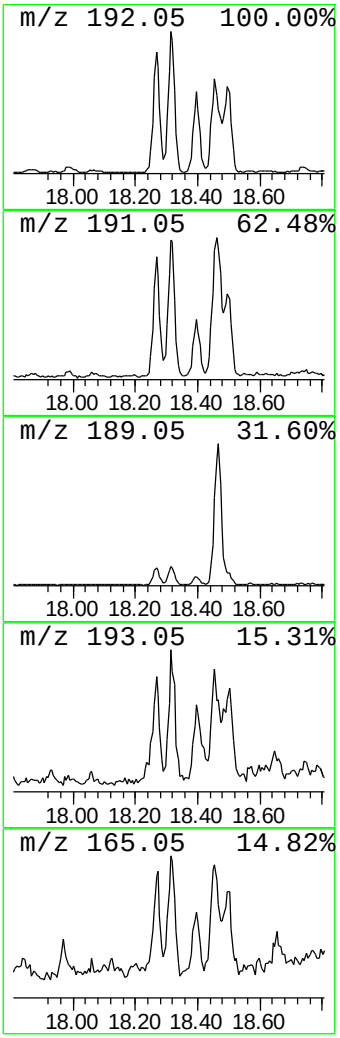
****

Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	6.44 ng	431969	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Library Search Compound Report

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Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

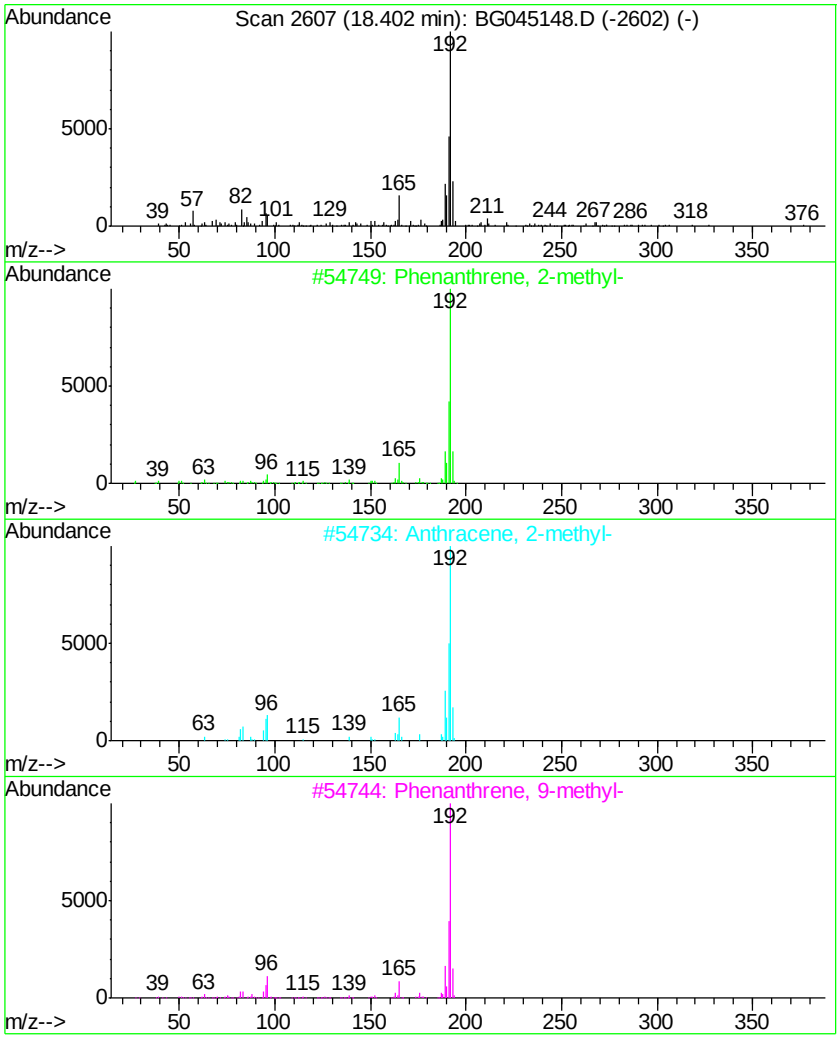
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

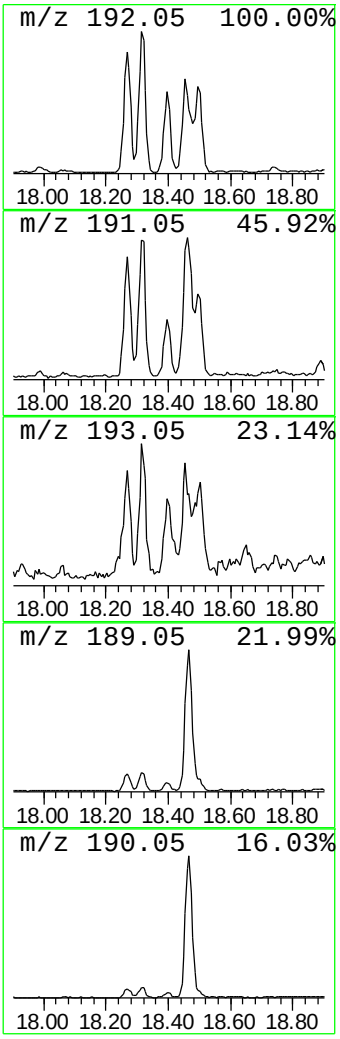
****

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.64 ng	176974	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	89





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Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

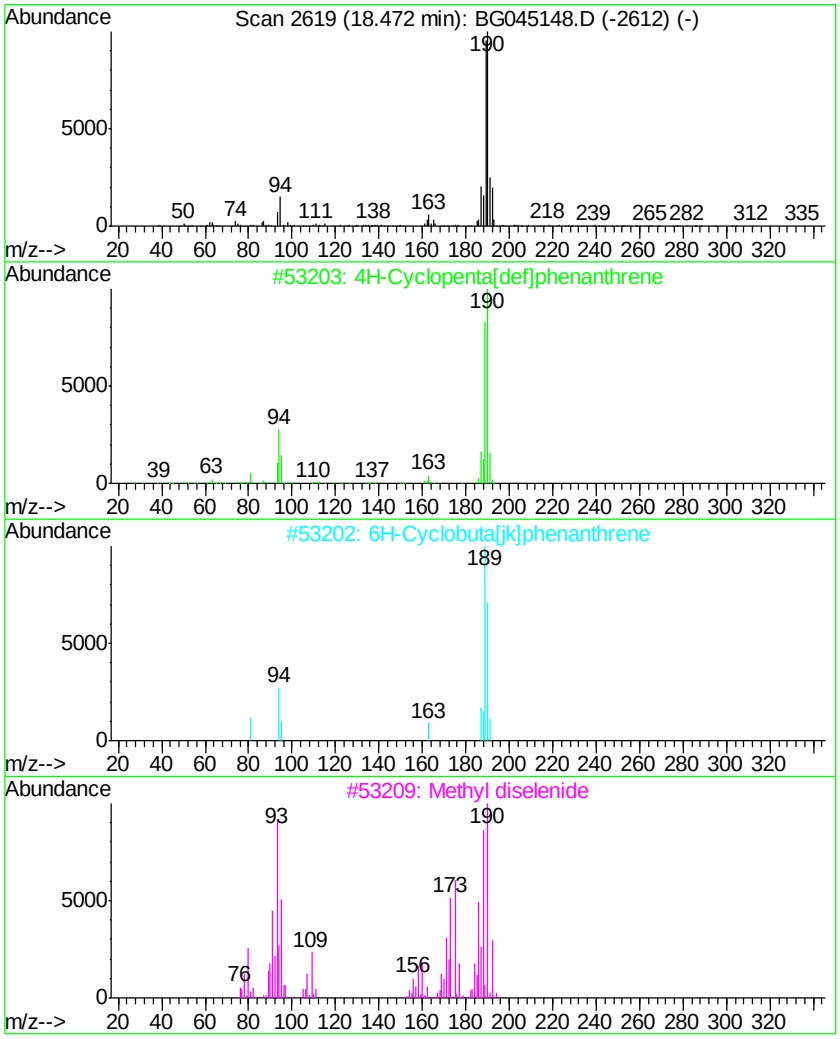
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

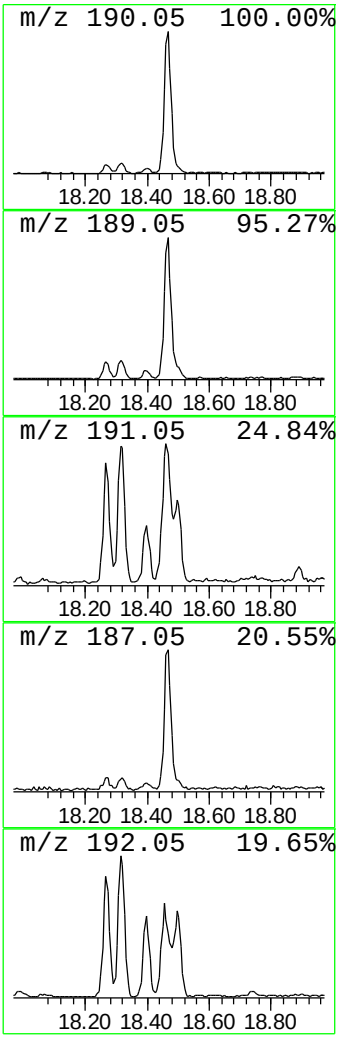
****

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	15.85 ng	1063200	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40





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Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

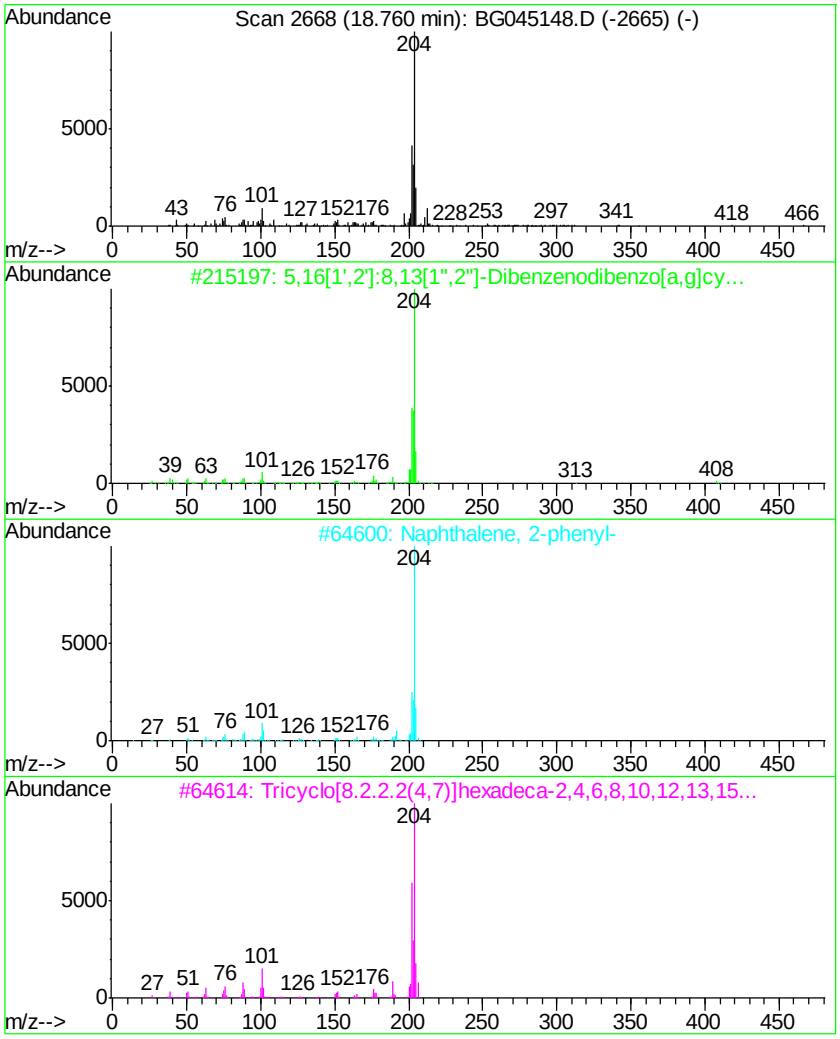
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

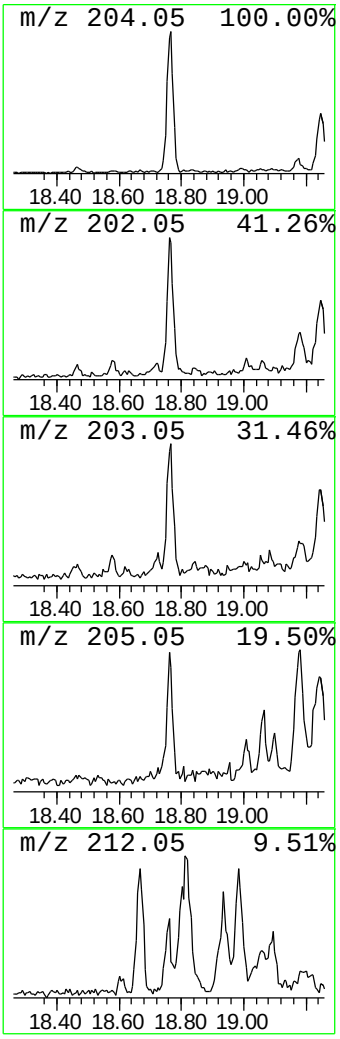
****

Peak Number 14 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	2.41 ng	161921	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

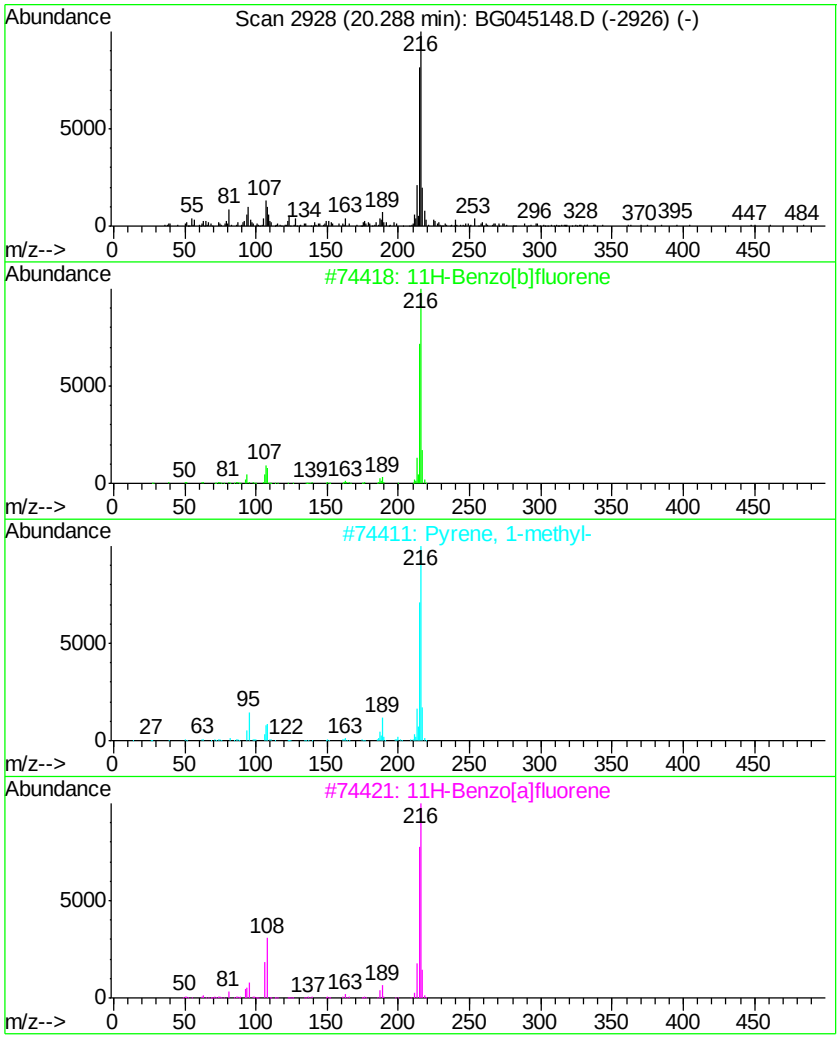
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

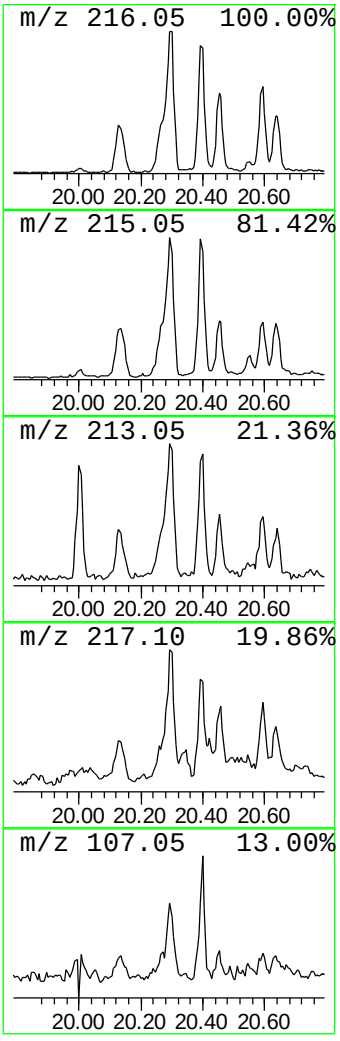
****

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	4.79 ng	665705	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





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Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

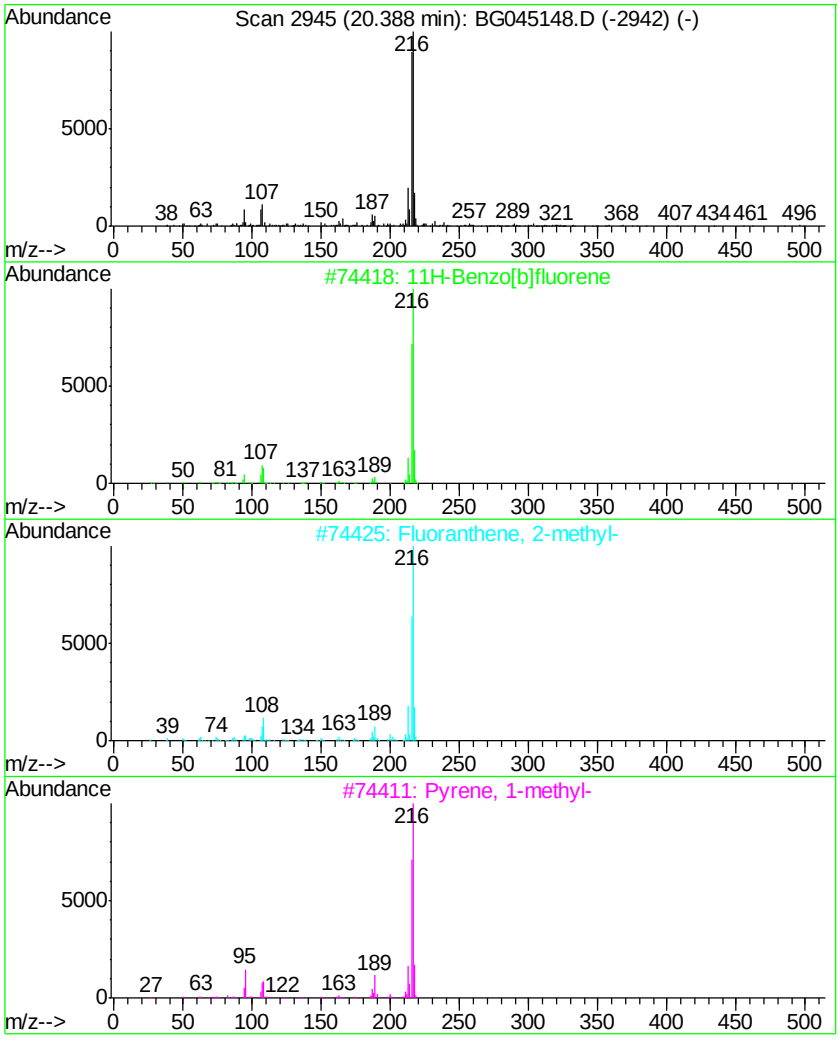
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

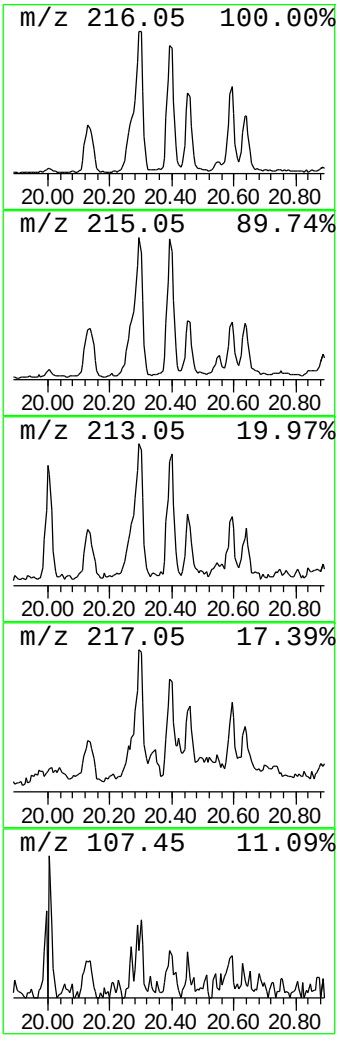
****

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	2.91 ng	404551	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

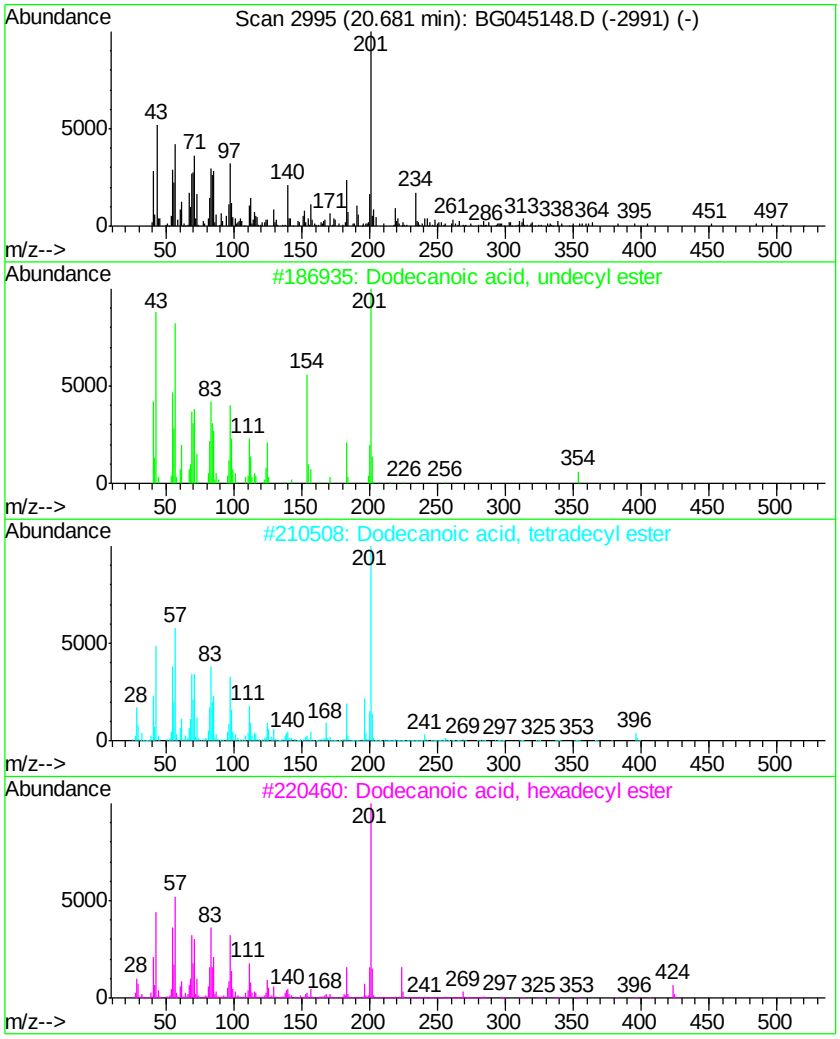
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

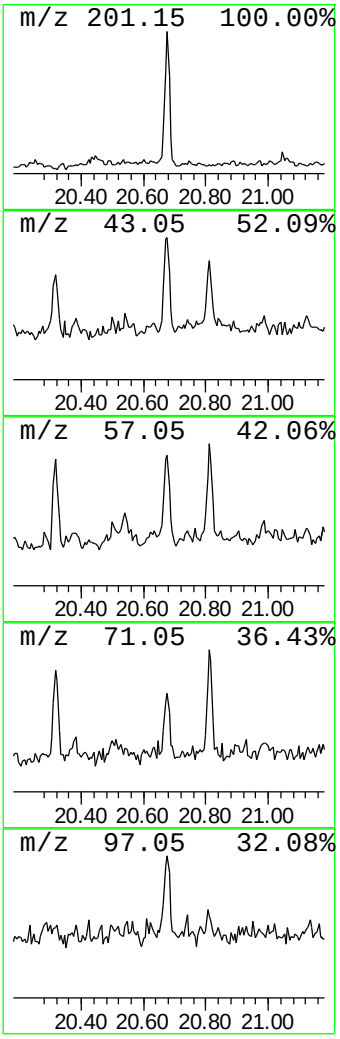
****

Peak Number 17 Dodecanoic acid, undecyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	2.67 ng	371388	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, undecyl ester	354	C23H46O2	003658-44-4	64
2	Dodecanoic acid, tetradecyl ester	396	C26H52O2	022412-97-1	62
3	Dodecanoic acid, hexadecyl ester	424	C28H56O2	020834-06-4	58
4	3-t-Butyl-7a-(hydroxythiophen-2-...	313	C14H19NO3S2	1000190-50-7	43
5	1H-Pyrrole-2,5-dione, 1-(2,5-dim...	201	C12H11NO2	1000362-23-1	38





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Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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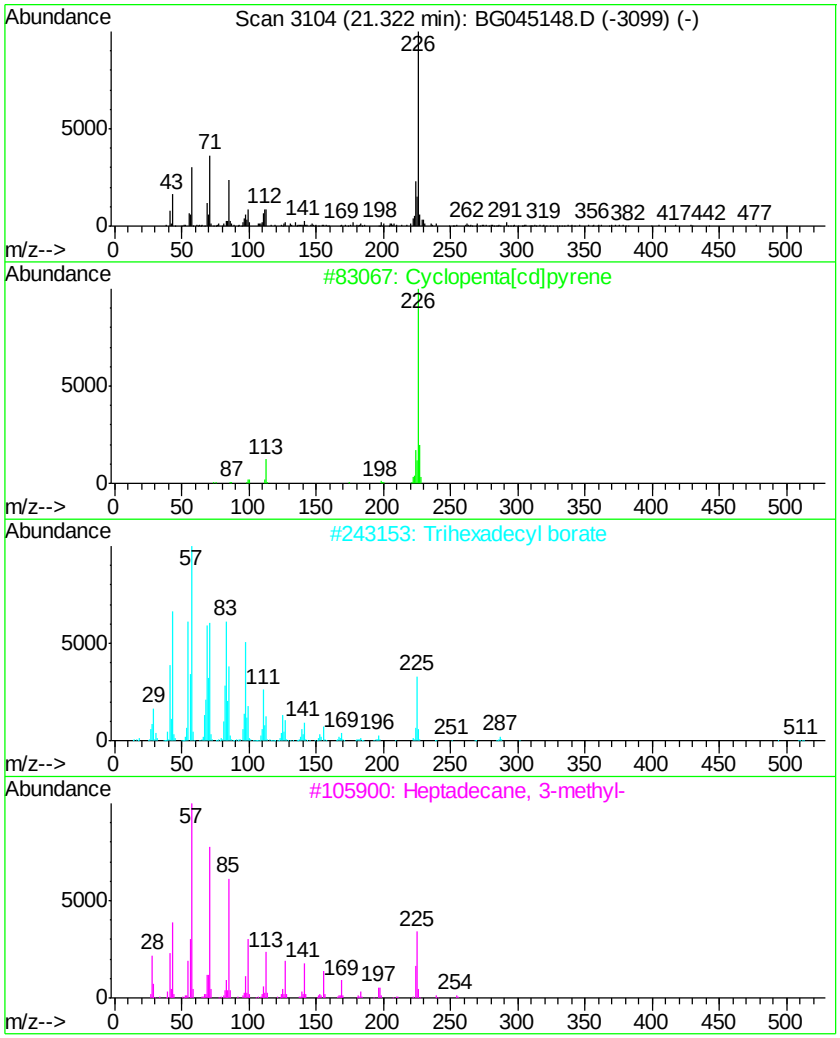
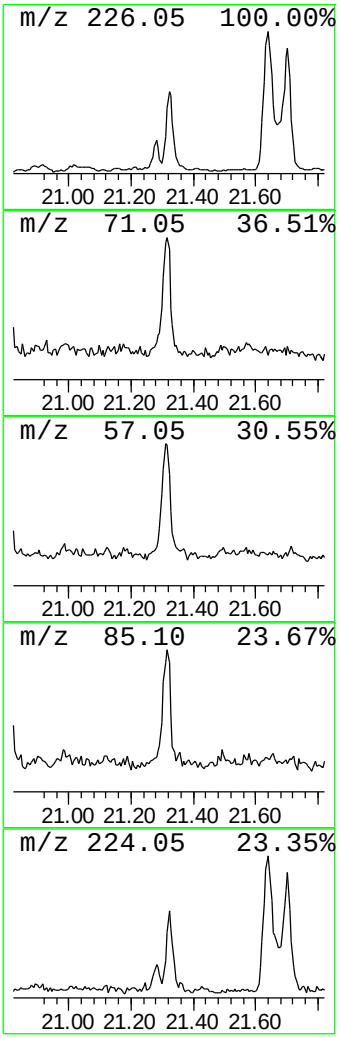
Peak Number 18 unknown21.32 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	4.54 ng	630087	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
2	Trihexadecyl borate	735	C48H99BO3	002665-11-4	30
3	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	30
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	25
5	6,10-Methano-5H-cyclooct[b]indol...	226	C15H18N2	1000337-05-7	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

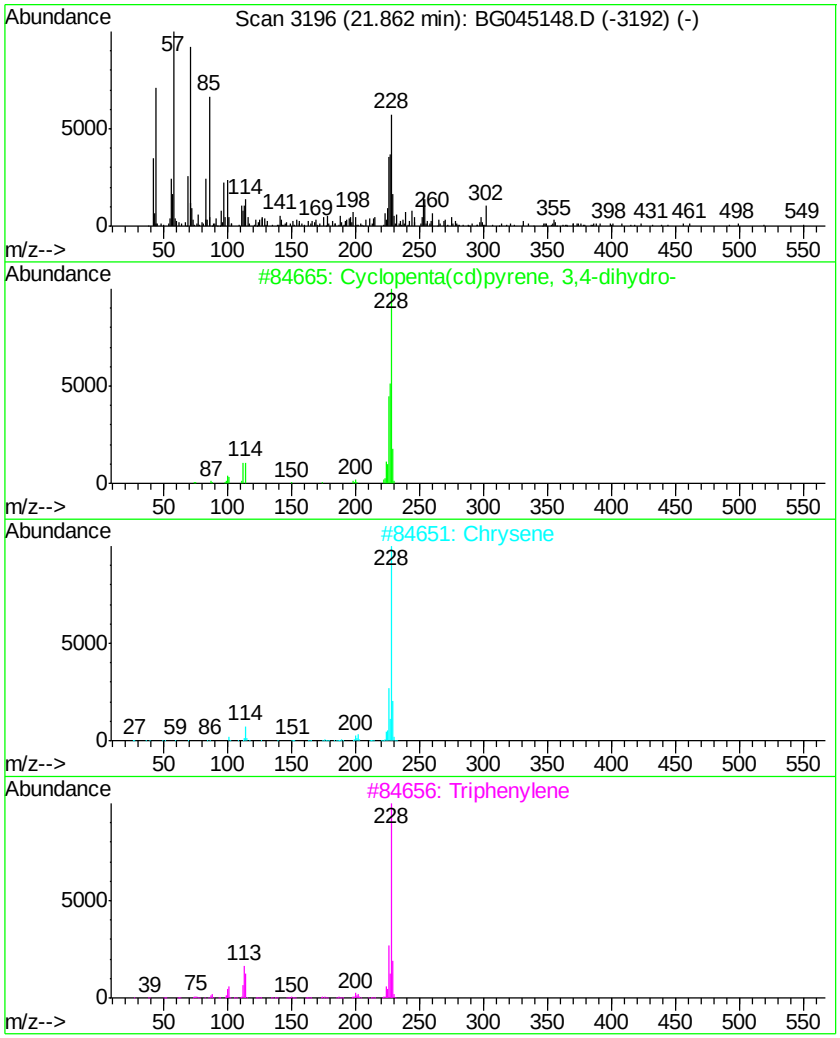
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

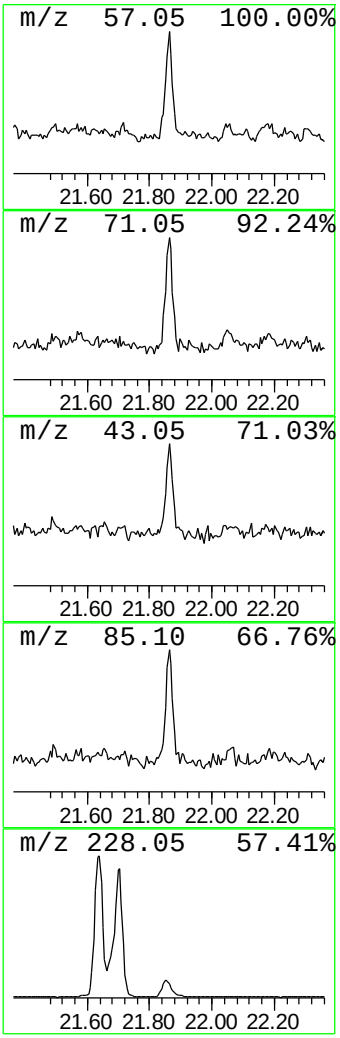
****

Peak Number 19 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	2.35 ng	326707	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
2	Chrysene	228	C18H12	000218-01-9	35
3	Triphenylene	228	C18H12	000217-59-4	27
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	25
5	Thiazolo[4,5-f]quinoline, 2,7,9-...	228	C13H12N2S	038463-39-7	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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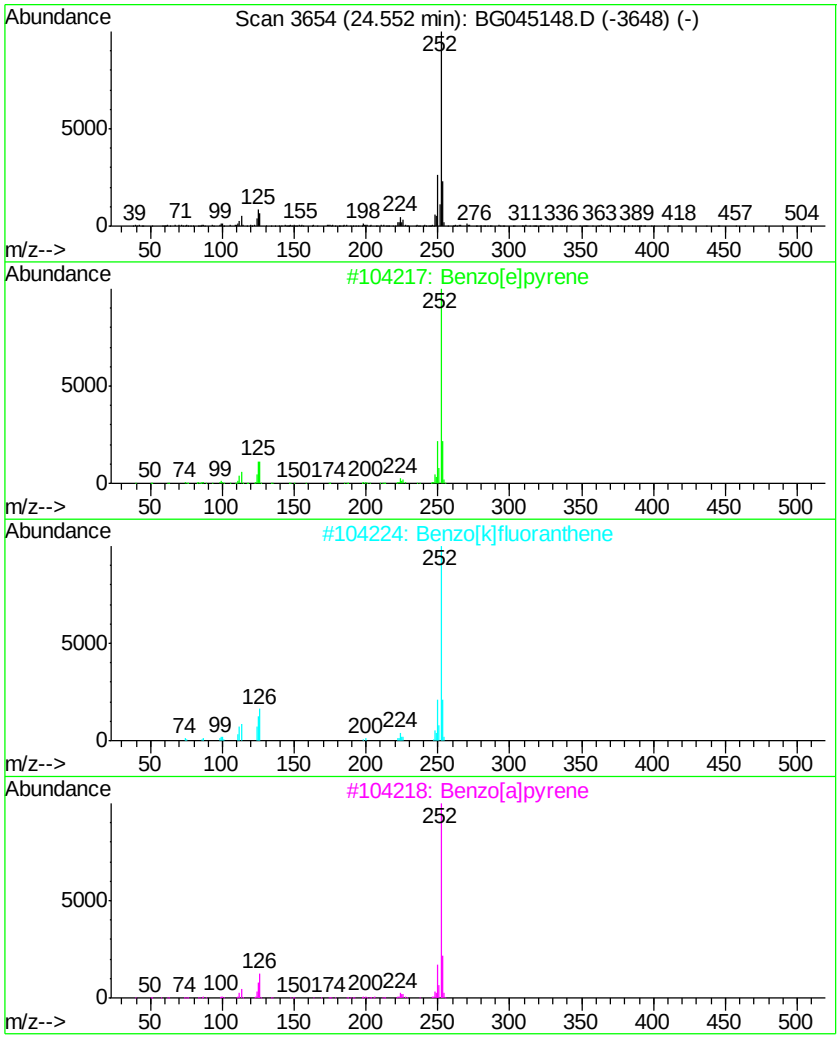
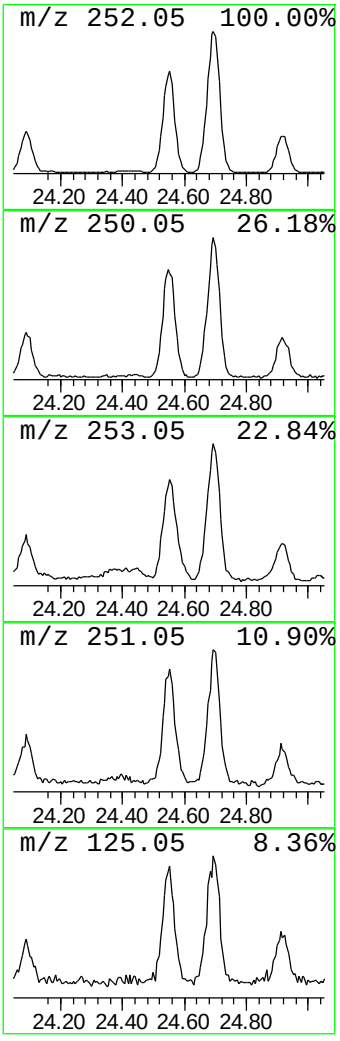
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.55	22.52 ng	1166230	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045148.D
Acq On : 23 Apr 2020 19:09
Operator : CG/JU
Sample : L2351-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-17A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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
Butane, 2-methoxy...	3.18	2.9	ng	91233	1	8.00	627561	20.0
Naphthalene, 1,6-...	13.81	2.7	ng	172718	3	14.64	1299900	20.0
Naphthalene, 2,3-...	13.97	3.3	ng	211776	3	14.64	1299900	20.0
2,4,6-Cycloheptat...	15.99	2.7	ng	174973	3	14.64	1299900	20.0
9H-Fluorene, 2-me...	16.69	2.5	ng	167404	4	17.39	1341770	20.0
Benzo[h]quinoline	17.58	2.5	ng	170541	4	17.39	1341770	20.0
Anthracene, 2-met...	18.27	4.5	ng	298807	4	17.39	1341770	20.0
1H-Cyclopropa[l]p...	18.31	6.4	ng	431969	4	17.39	1341770	20.0
Phenanthrene, 2-m...	18.40	2.6	ng	176974	4	17.39	1341770	20.0
4H-Cyclopenta[def...	18.47	15.9	ng	1063200	4	17.39	1341770	20.0
5,16[1',2']:8,13[...	18.76	2.4	ng	161921	4	17.39	1341770	20.0
Pyrene, 1-methyl-	20.29	4.8	ng	665705	5	21.66	2778730	20.0
11H-Benzo[b]fluorene	20.39	2.9	ng	404551	5	21.66	2778730	20.0
Dodecanoic acid, ...	20.68	2.7	ng	371388	5	21.66	2778730	20.0
unknown21.32	21.32	4.5	ng	630087	5	21.66	2778730	20.0
Cyclopenta(cd)pyr...	21.86	2.4	ng	326707	5	21.66	2778730	20.0
Benzo[e]pyrene	24.55	22.5	ng	1166230	6	24.84	1035660	20.0