LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051056.D
Acq On : 16 Nov 2021 00:52
Operator : CG/JU
Sample : M4651-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-111121

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-BG111321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG051056.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.761	379	387	401	rBV	974830	1647071	66.05%	7.311%
2	7.377	653	662	673	rBV	983009	1803755	72.34%	8.007%
3	8.223	799	806	819	rBV	181944	317094	12.72%	1.408%
4	9.398	996	1006	1019	rBV	606595	1151128	46.16%	5.110%
5	10.797	1236	1244	1262	rBV	310243	565141	22.66%	2.509%
6	11.049	1280	1287	1294	rBV	249889	462636	18.55%	2.054%
7	12.912	1597	1604	1612	rVB	47004	85005	3.41%	0.377%
8	13.476	1692	1700	1710	rVB	1417962	2277967	91.35%	10.112%
9	13.640	1721	1728	1733	rBV2	14836	25346	1.02%	0.113%
10	14.028	1786	1794	1799	rVB5	13610	32941	1.32%	0.146%
11	14.169	1812	1818	1824	rBV3	41610	82610	3.31%	0.367%
12	14.404	1854	1858	1862	rBV2	22188	35217	1.41%	0.156%
13	14.575	1882	1887	1895	rBV2	31057	61113	2.45%	0.271%
14	14.851	1918	1934	1940	rBV	381601	644144	25.83%	2.859%
15	14.915	1940	1945	1952	rVB	81010	127392	5.11%	0.565%
16	15.244	1990	2001	2008	rBV	91423	165716	6.65%	0.736%
17	15.315	2008	2013	2020	rBV4	18873	31544	1.27%	0.140%
18	15.456	2032	2037	2042	rBV4	16454	30070	1.21%	0.133%
19	15.626	2059	2066	2068	rBV7	12057	25977	1.04%	0.115%
20	15.656	2068	2071	2076	rVB2	27528	36395	1.46%	0.162%
21	15.897	2105	2112	2123	rVB	141908	234003	9.38%	1.039%
22	16.055	2135	2139	2143	rVB4	25797	38635	1.55%	0.171%
23	16.184	2157	2161	2168	rVB2	32953	54089	2.17%	0.240%
24	16.337	2180	2187	2194	rBV	1004408	1610492	64.59%	7.149%
25	16.514	2213	2217	2220	rBV2	25100	36288	1.46%	0.161%
26	16.707	2244	2250	2257	rVB9	14443	39766	1.59%	0.177%
27	16.895	2273	2282	2287	rBV3	41681	94229	3.78%	0.418%
28	17.042	2302	2307	2312	rVB2	28467	43426	1.74%	0.193%
29	17.119	2312	2320	2324	rBV6	21184	44809	1.80%	0.199%
30	17.160	2325	2327	2337	rVB8	15407	26413	1.06%	0.117%
31	17.313	2349	2353	2357	rBV2	32517	53026	2.13%	0.235%
32	17.418	2366	2371	2377	rVB	50052	80149	3.21%	0.356%
33	17.600	2396	2402	2405	rBV	403811	653548	26.21%	2.901%
34	17.642	2405	2409	2415	rVB	522720	774378	31.05%	3.437%
35	17.730	2418	2424	2430	rVV	187322	293071	11.75%	1.301%
36	18.006	2466	2471	2475	rBV2	29076	51483	2.06%	0.229%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051056.D
Acq On : 16 Nov 2021 00:52
Operator : CG/JU
Sample : M4651-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-111121

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-BG111321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.047	2475	2478	2485	rVB2	31056	47350	1.90%	0.210%
38	18.112	2485	2489	2494	rBV3	20381	38903	1.56%	0.173%
39	18.176	2497	2500	2504	rVV	24587	37650	1.51%	0.167%
40	18.223	2504	2508	2515	rVB	106348	143950	5.77%	0.639%
41	18.317	2521	2524	2532	rVB6	15084	31432	1.26%	0.140%
42	18.470	2542	2550	2554	rBV2	107416	250317	10.04%	1.111%
43	18.517	2554	2558	2563	rVB	98023	149498	6.00%	0.664%
44	18.599	2568	2572	2577	rVB2	49630	71174	2.85%	0.316%
45	18.670	2577	2584	2587	rBV3	156870	302961	12.15%	1.345%
46	18.734	2592	2595	2598	rVB	27033	32873	1.32%	0.146%
47	18.958	2629	2633	2638	rBV	62740	99098	3.97%	0.440%
48	19.257	2680	2684	2687	rBV	25853	36438	1.46%	0.162%
49	19.363	2697	2702	2703	rBV2	147803	203790	8.17%	0.905%
50	19.387	2703	2706	2710	rVB2	191080	241257	9.68%	1.071%
51	19.516	2724	2728	2734	rBV5	63724	115364	4.63%	0.512%
52	19.639	2744	2749	2755	rVB	810756	1184972	47.52%	5.260%
53	19.968	2801	2805	2807	rBV2	111325	161634	6.48%	0.717%
54	20.004	2807	2811	2818	rVB	706179	1014009	40.66%	4.501%
55	20.068	2819	2822	2828	rVB3	42810	59587	2.39%	0.265%
56	20.186	2837	2842	2848	rVB	1870641	2493574	100.00%	11.069%
57	20.462	2886	2889	2890	rBV	58032	63853	2.56%	0.283%
58	20.491	2891	2894	2899	rVB	153574	200472	8.04%	0.890%
59	20.591	2907	2911	2914	rBV	118155	157142	6.30%	0.698%
60	21.890	3125	3132	3138	rBV3	437569	1200212	48.13%	5.328%
61	21.948	3139	3142	3154	rVB	277411	454307	18.22%	2.017%

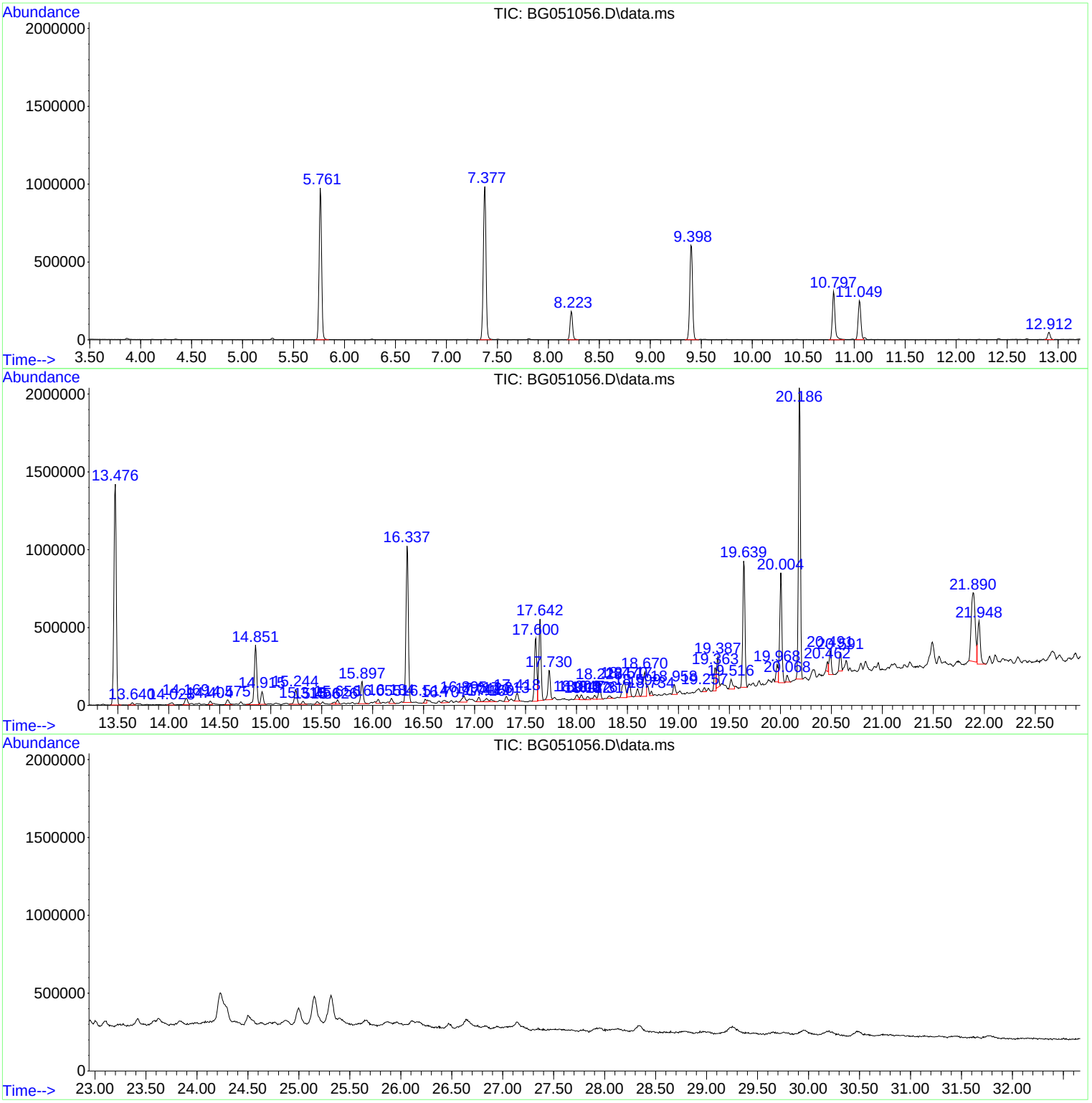
Sum of corrected areas: 22527884

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051056.D
Acq On : 16 Nov 2021 00:52
Operator : CG/JU
Sample : M4651-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-111121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051056.D
Acq On : 16 Nov 2021 00:52
Operator : CG/JU
Sample : M4651-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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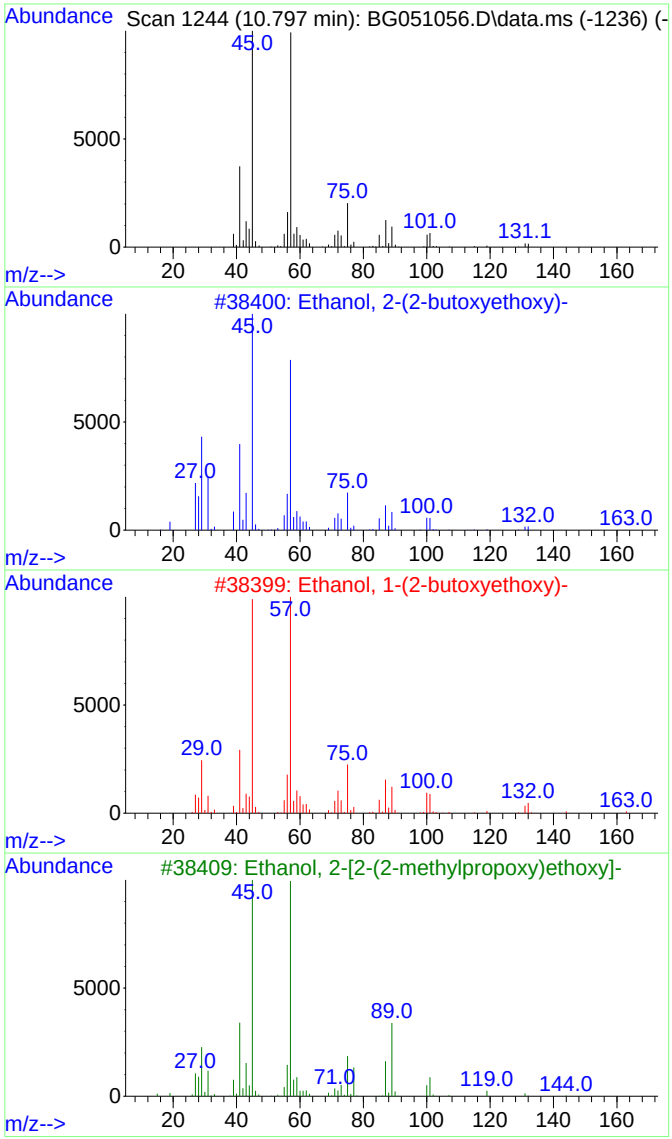
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

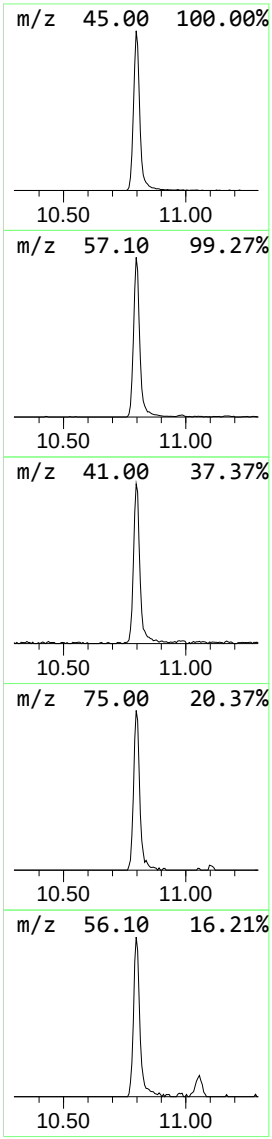
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.797	24.43 ng	565141	Naphthalene-d8	11.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	78
4	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051056.D
Acq On : 16 Nov 2021 00:52
Operator : CG/JU
Sample : M4651-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-111121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

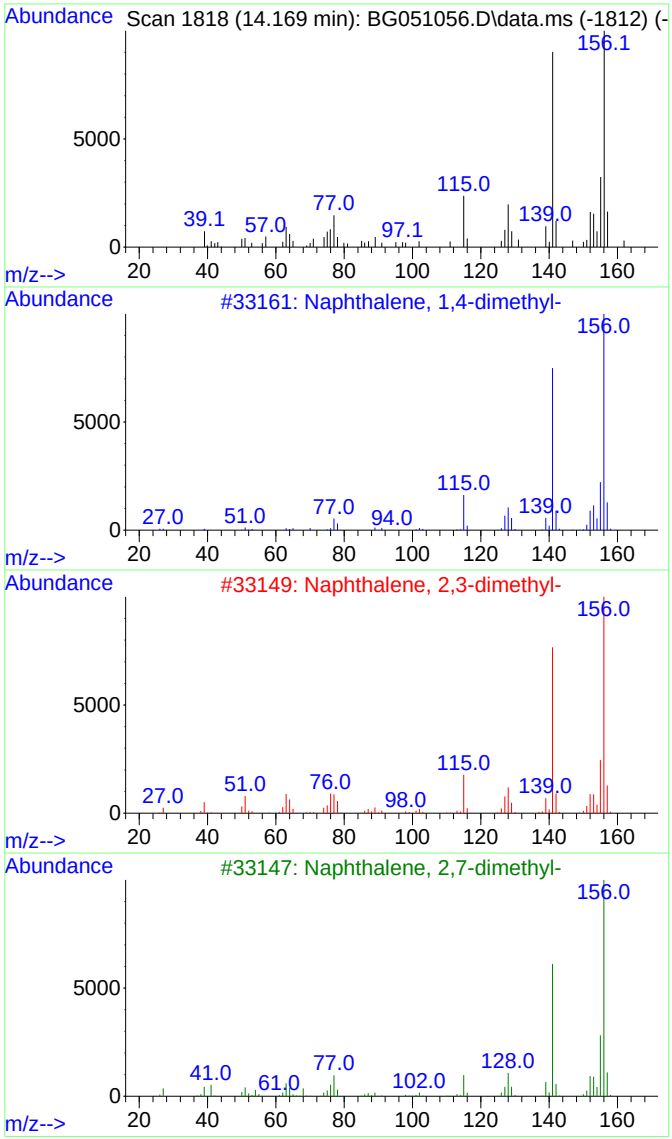
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

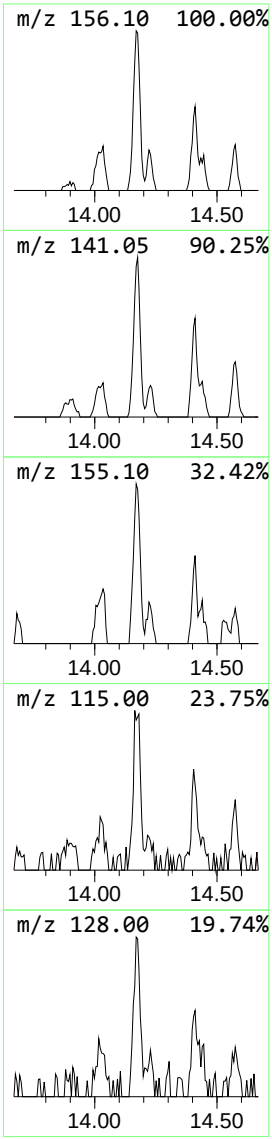
****

Peak Number 2 Naphthalene, 1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	2.56 ng	82610	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051056.D
Acq On : 16 Nov 2021 00:52
Operator : CG/JU
Sample : M4651-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-111121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

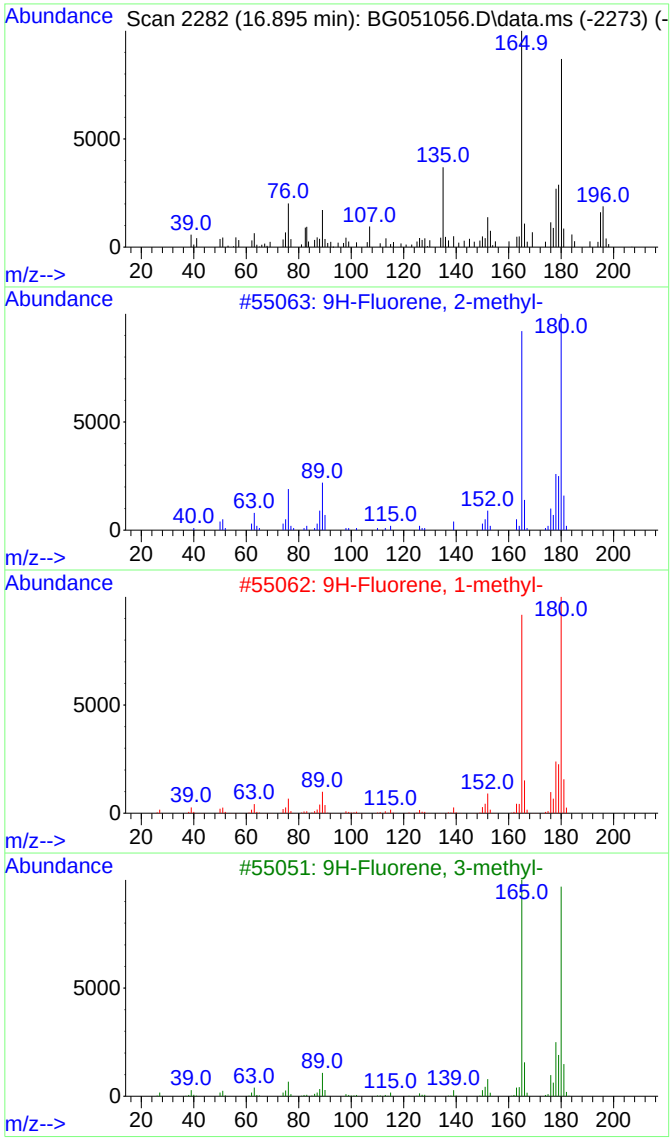
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

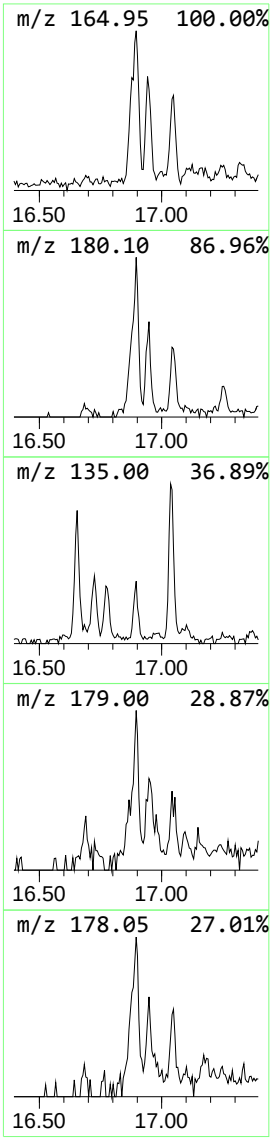
****

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.895	2.88 ng	94229	Phenanthrene-d10	17.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	53
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	52
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051056.D
Acq On : 16 Nov 2021 00:52
Operator : CG/JU
Sample : M4651-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-111121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

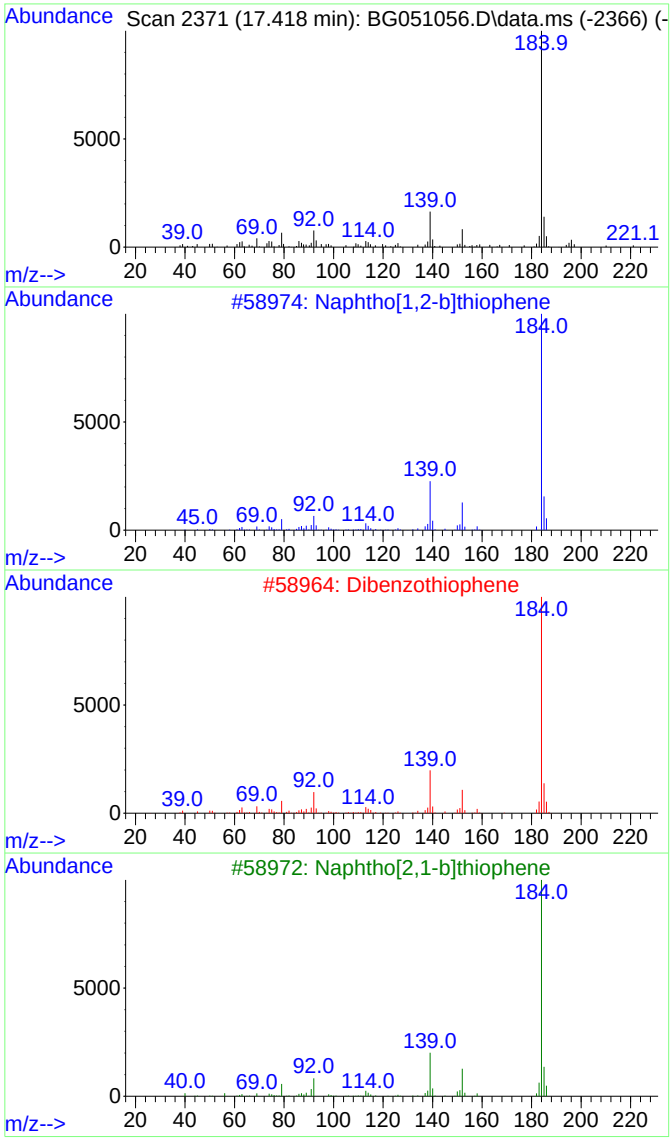
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

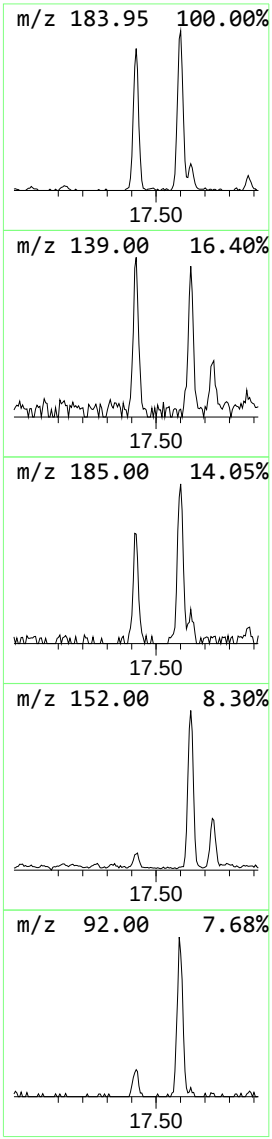
****

Peak Number 4 Naphtho[1,2-b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.418	2.45 ng	80149	Phenanthrene-d10	17.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051056.D
Acq On : 16 Nov 2021 00:52
Operator : CG/JU
Sample : M4651-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-111121

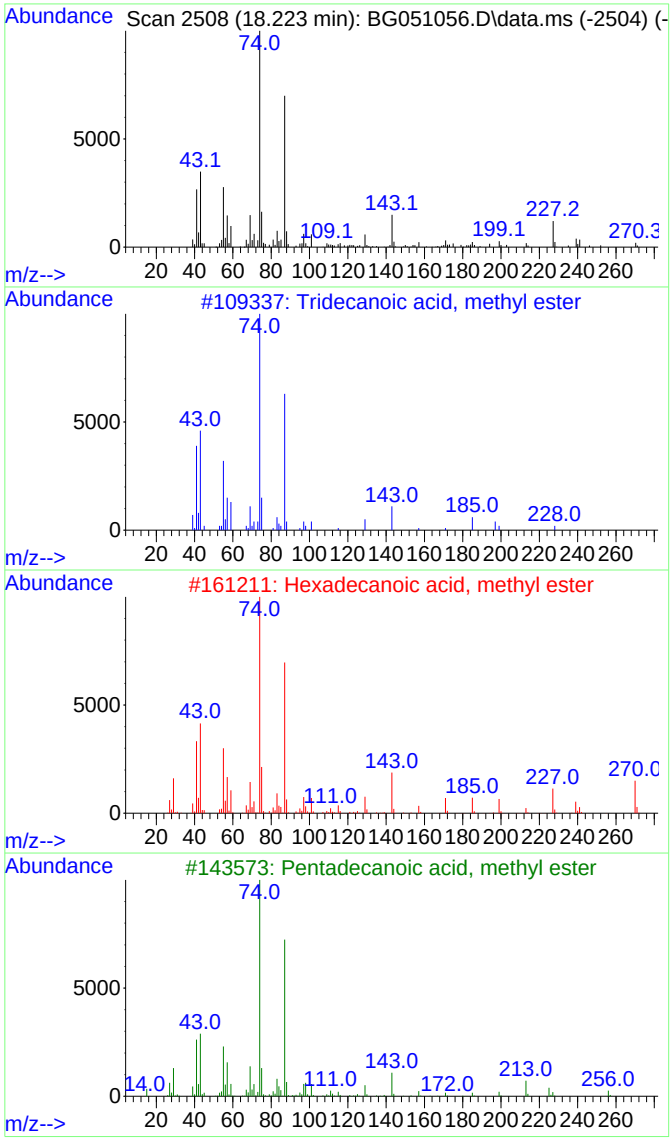
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

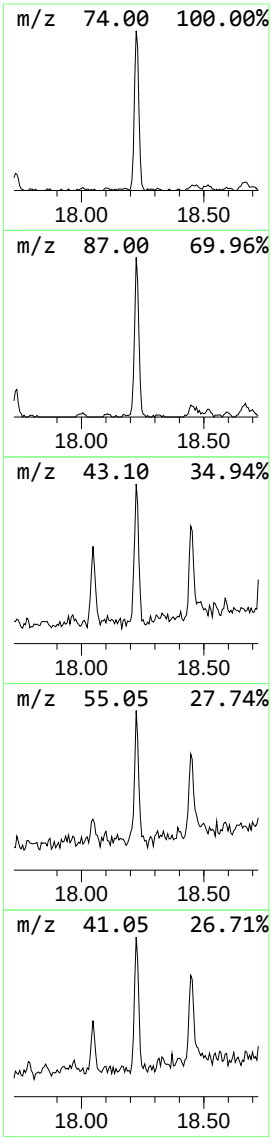
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Tridecanoic acid, methyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.223	4.41 ng	143950	Phenanthrene-d10	17.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80
4	Methyl 8-methyl-nonanoate	186	C11H22O2	1000452-00-9	76
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051056.D
Acq On : 16 Nov 2021 00:52
Operator : CG/JU
Sample : M4651-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-111121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

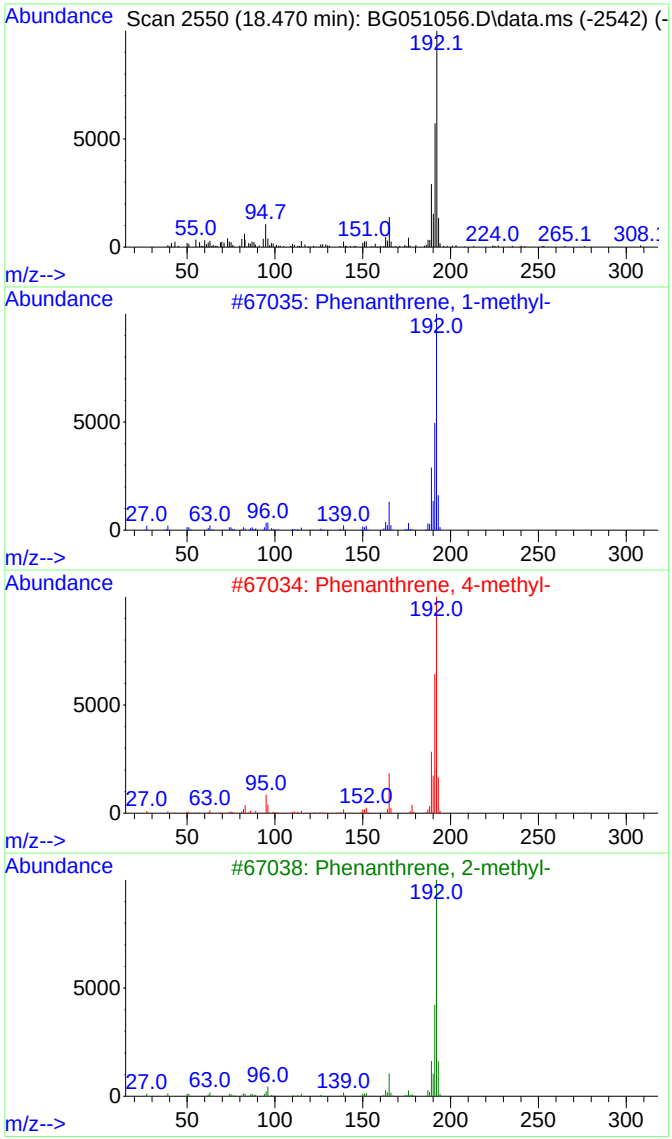
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

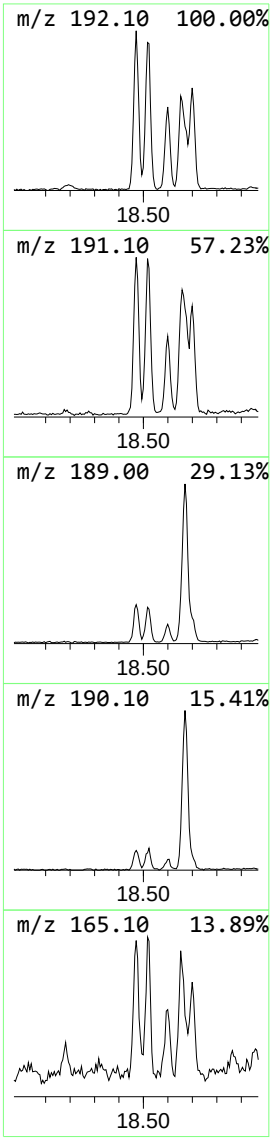
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.470	7.66 ng	250317	Phenanthrene-d10	17.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051056.D
Acq On : 16 Nov 2021 00:52
Operator : CG/JU
Sample : M4651-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-111121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

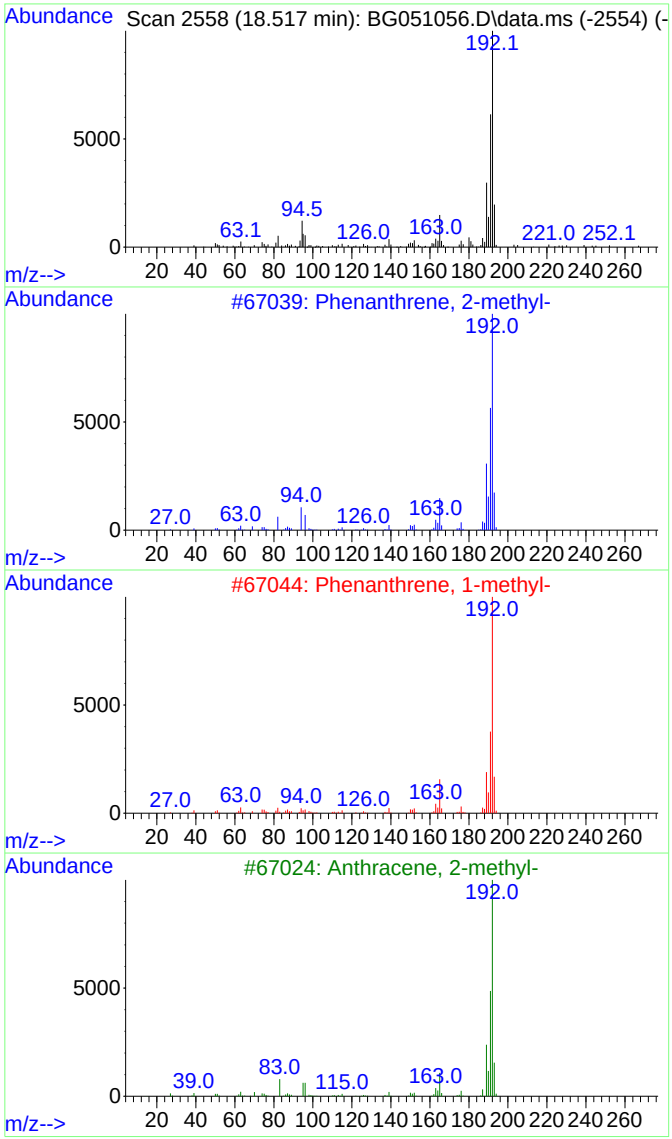
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

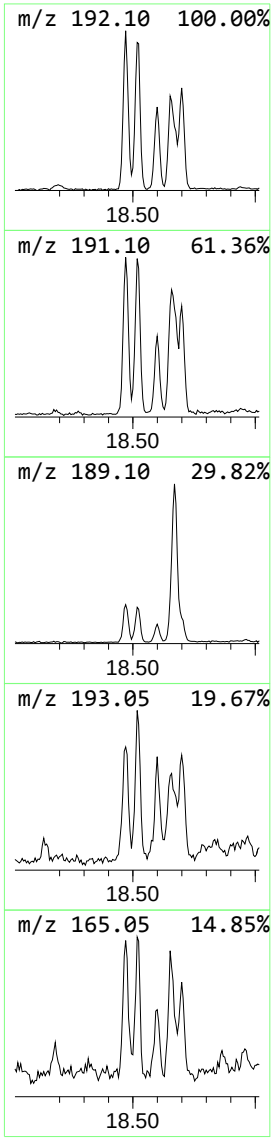
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.517	4.57 ng	149498	Phenanthrene-d10	17.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051056.D
Acq On : 16 Nov 2021 00:52
Operator : CG/JU
Sample : M4651-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-111121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

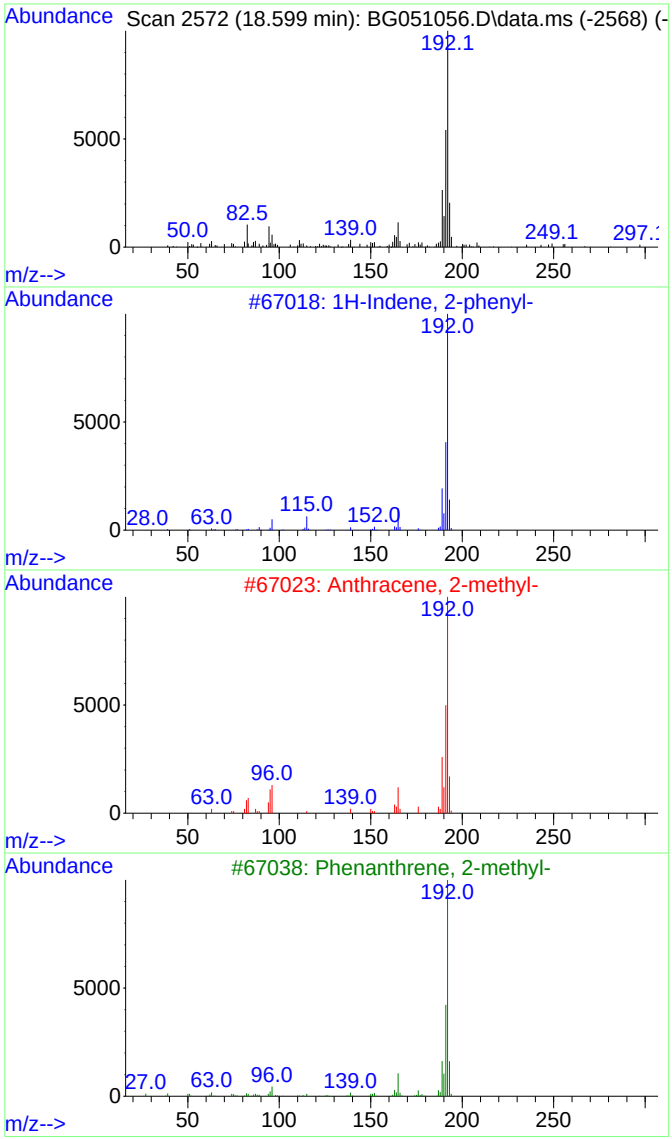
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

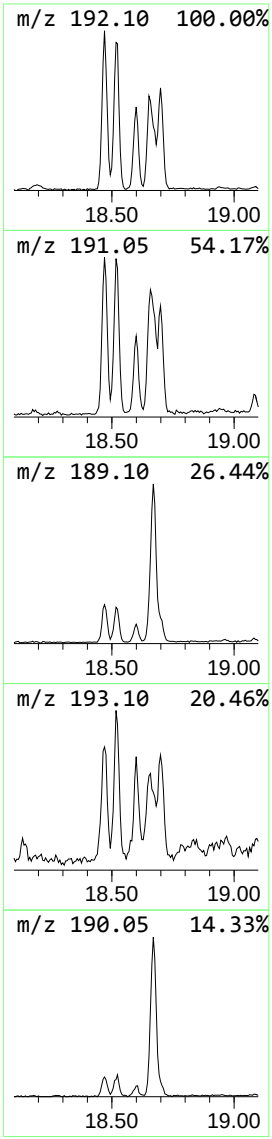
****

Peak Number 8 1H-Indene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.599	2.18 ng	71174	Phenanthrene-d10	17.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





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Data File : BG051056.D
Acq On : 16 Nov 2021 00:52
Operator : CG/JU
Sample : M4651-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-111121

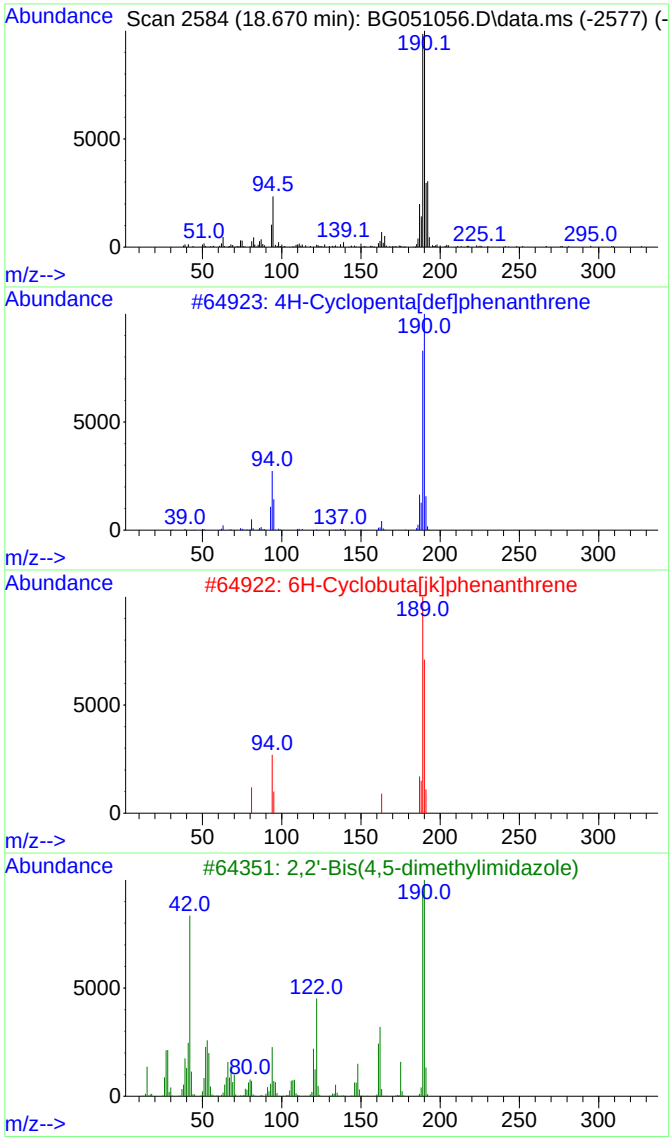
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

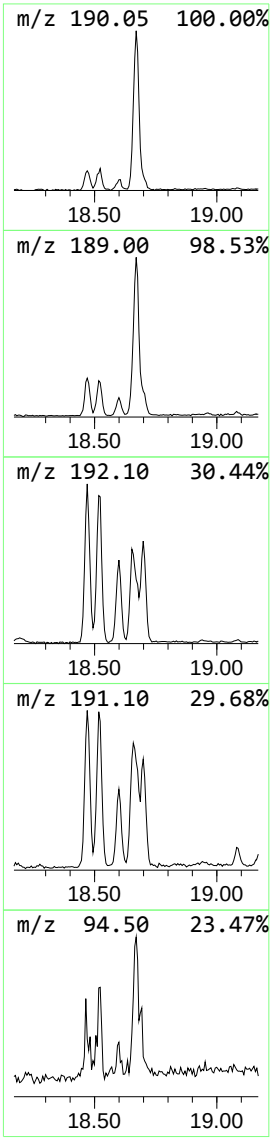
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.670	9.27 ng	302961	Phenanthrene-d10	17.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	25





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Acq On : 16 Nov 2021 00:52
Operator : CG/JU
Sample : M4651-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-111121

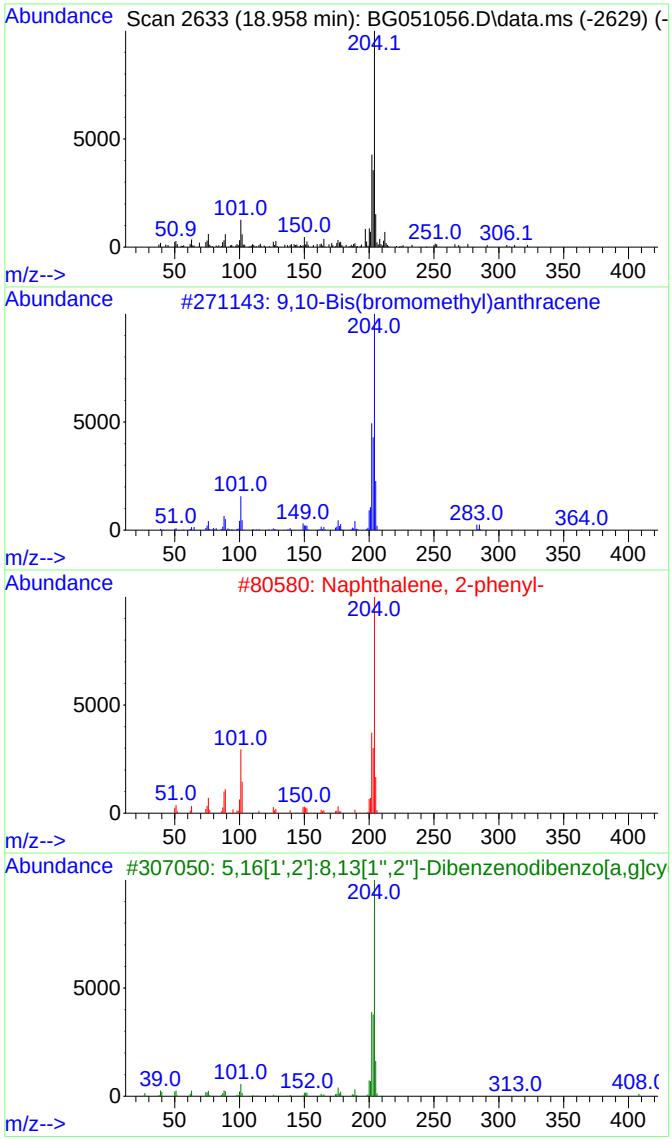
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

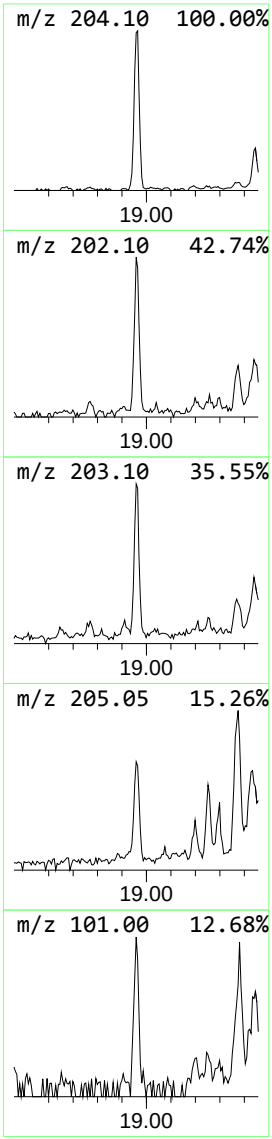
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,10-Bis(bromomethyl)anthra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.958	3.03 ng	99098	Phenanthrene-d10	17.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	55





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Sample : M4651-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-111121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
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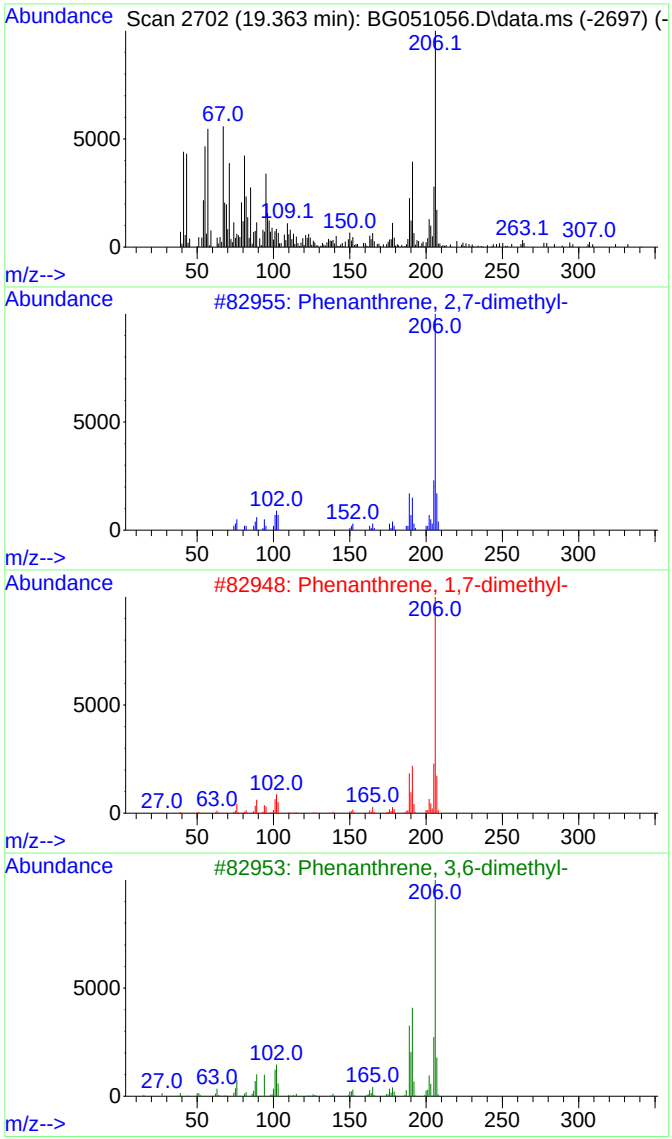
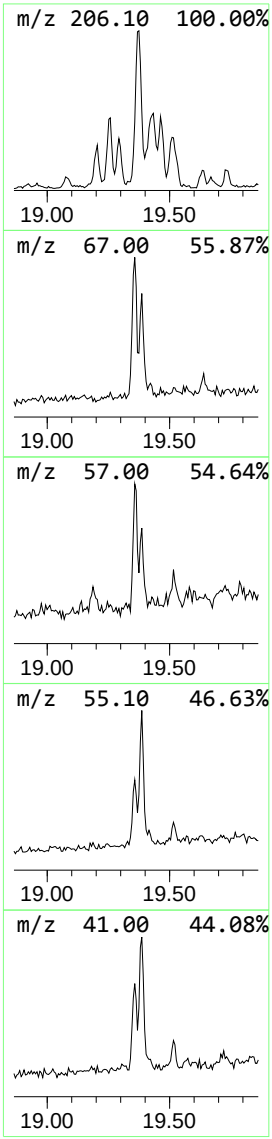
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.363	6.24 ng	203790	Phenanthrene-d10	17.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87





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Acq On : 16 Nov 2021 00:52
Operator : CG/JU
Sample : M4651-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-111121

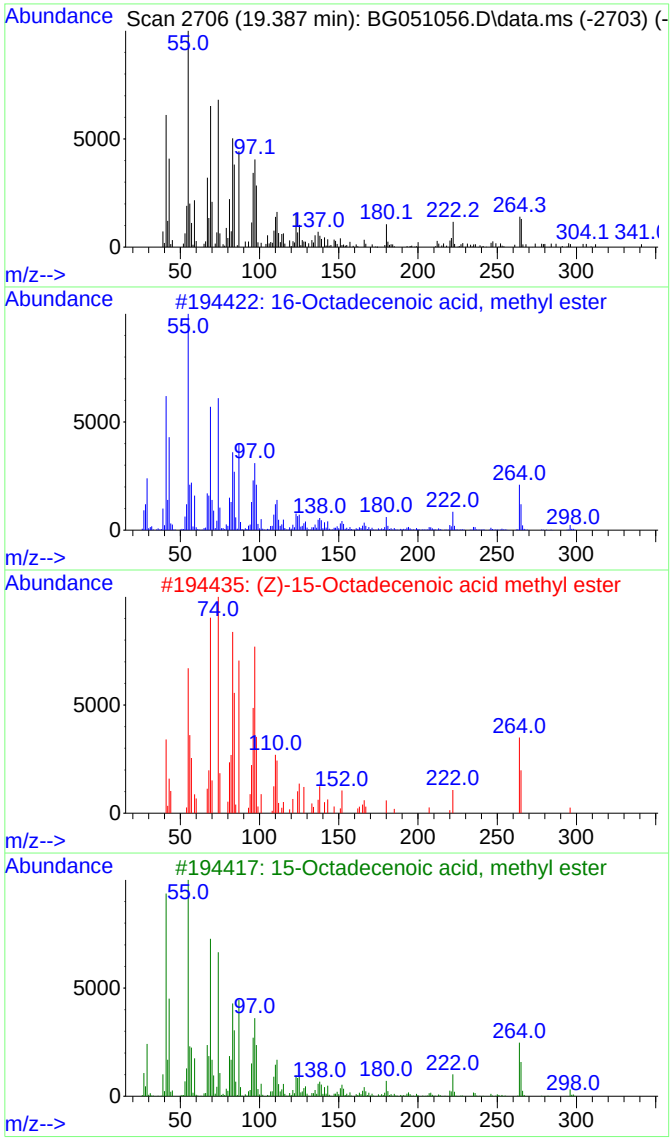
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

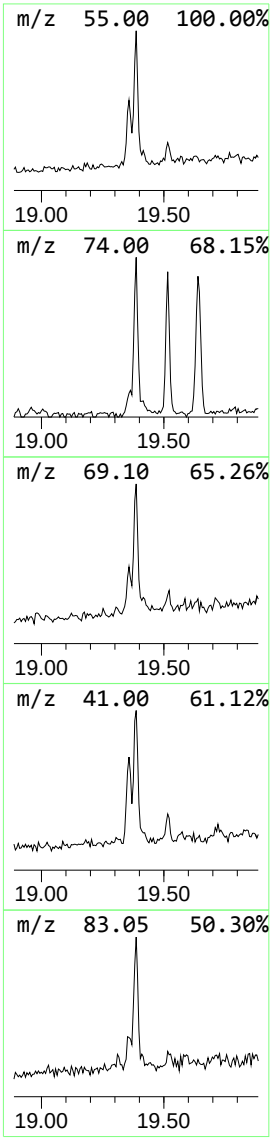
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 16-Octadecenoic acid, methy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.387	7.38 ng	241257	Phenanthrene-d10	17.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
2	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	96
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	95
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	94





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Data File : BG051056.D
Acq On : 16 Nov 2021 00:52
Operator : CG/JU
Sample : M4651-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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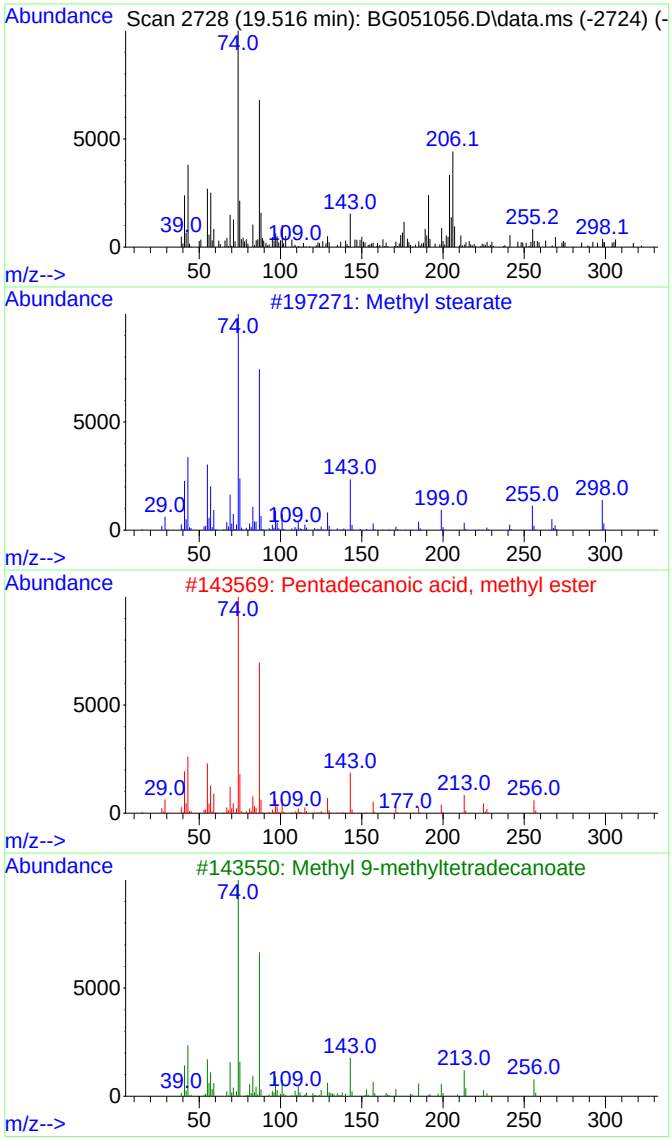
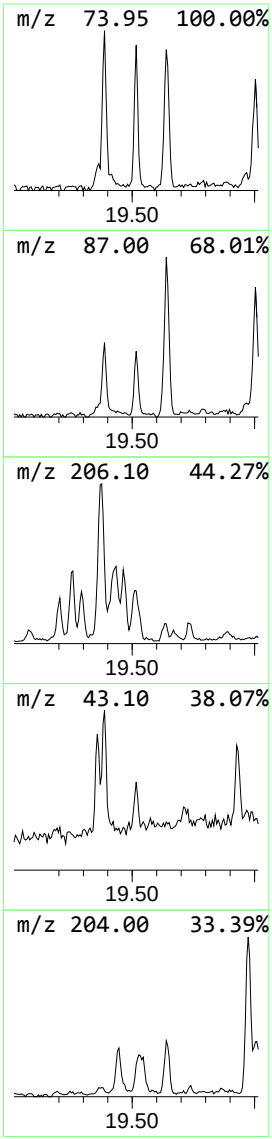
Peak Number 13 Methyl stearate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.516	3.53 ng	115364	Phenanthrene-d10	17.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	95
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	50
3	Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	50
4	2-Methyloctadecanoic acid	298	C19H38O2	007217-83-6	45
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	45





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Operator : CG/JU
Sample : M4651-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-111121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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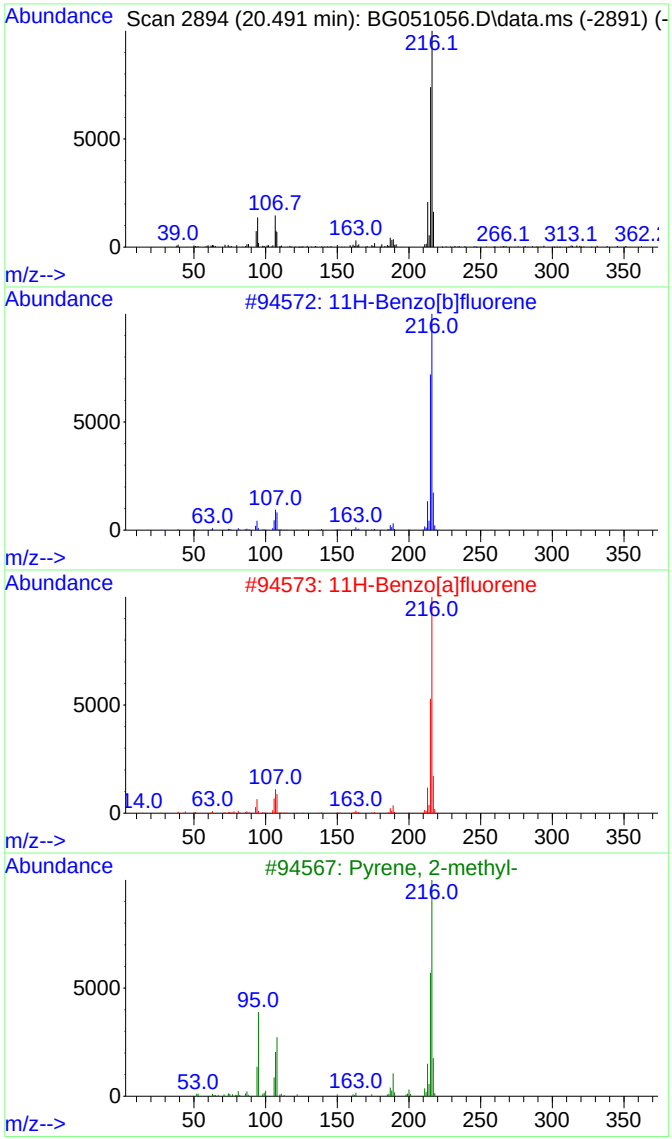
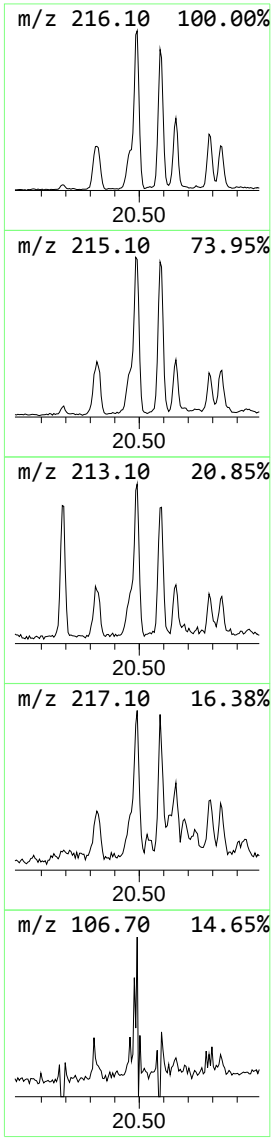
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.491	3.34 ng	200472	Chrysene-d12	21.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





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Data File : BG051056.D
Acq On : 16 Nov 2021 00:52
Operator : CG/JU
Sample : M4651-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-02-111121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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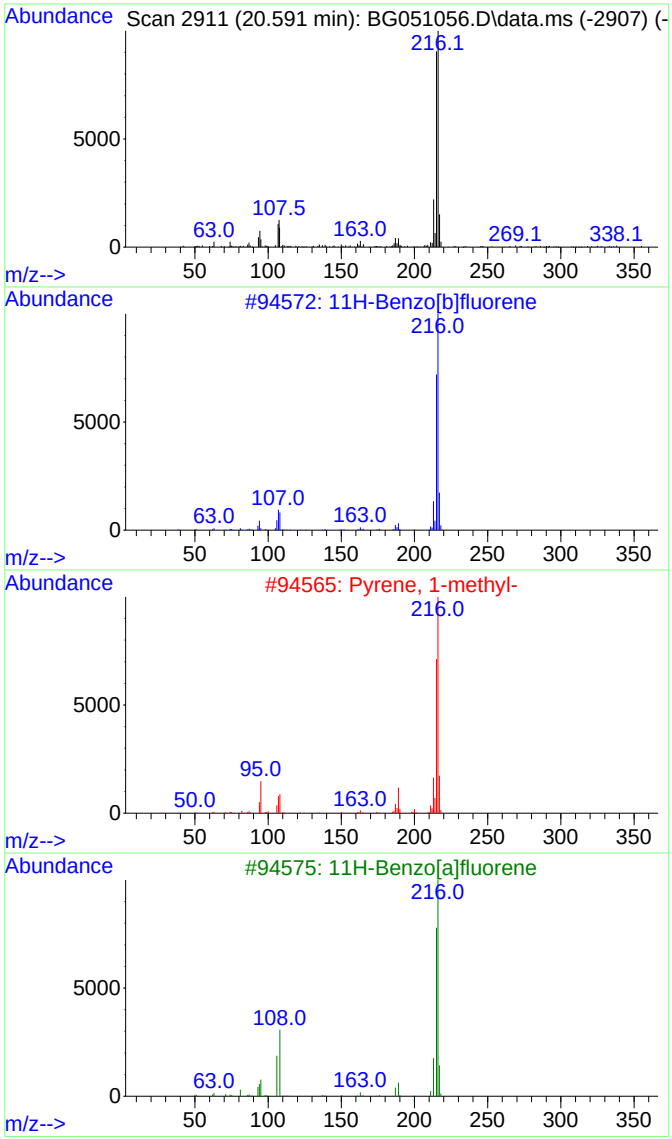
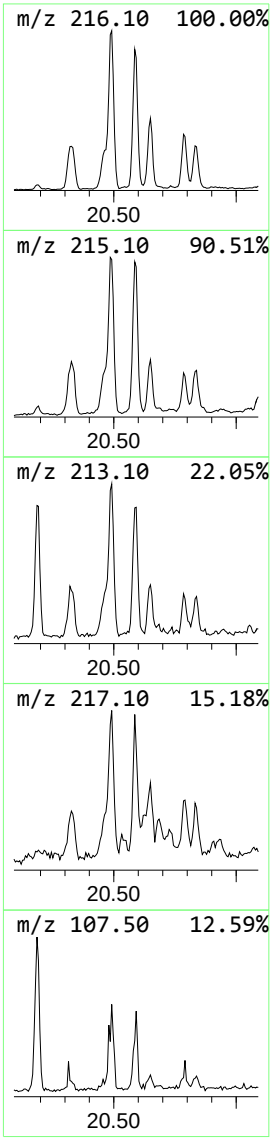
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.591	2.62 ng	157142	Chrysene-d12	21.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	3-Trifluoromethylcinnamic acid	216	C10H7F3O2	000779-89-5	64
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	58





Tentatively Identified Compound (LSC) summary

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Data File : BG051056.D
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Operator : CG/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.797	24.4	ng	565141	2	11.049	462636	20.0
Naphthalene, 1,...	14.169	2.6	ng	82610	3	14.851	644144	20.0
9H-Fluorene, 2-...	16.895	2.9	ng	94229	4	17.600	653548	20.0
Naphtho[1,2-b]t...	17.418	2.5	ng	80149	4	17.600	653548	20.0
Tridecanoic aci...	18.223	4.4	ng	143950	4	17.600	653548	20.0
Phenanthrene, 1...	18.470	7.7	ng	250317	4	17.600	653548	20.0
Phenanthrene, 2...	18.517	4.6	ng	149498	4	17.600	653548	20.0
1H-Indene, 2-ph...	18.599	2.2	ng	71174	4	17.600	653548	20.0
4H-Cyclopenta[d...	18.670	9.3	ng	302961	4	17.600	653548	20.0
9,10-Bis(bromom...	18.958	3.0	ng	99098	4	17.600	653548	20.0
Phenanthrene, 2...	19.363	6.2	ng	203790	4	17.600	653548	20.0
16-Octadecenoic...	19.387	7.4	ng	241257	4	17.600	653548	20.0
Methyl stearate	19.516	3.5	ng	115364	4	17.600	653548	20.0
11H-Benzo[b]flu...	20.491	3.3	ng	200472	5	21.901	1200210	20.0
Pyrene, 1-methyl-	20.591	2.6	ng	157142	5	21.901	1200210	20.0