LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
Data File : BG049202.D
Acq On : 7 Jul 2021 16:43
Operator : CG/JU
Sample : M2931-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-070221

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-BG063021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049202.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.143	10	18	27	rBV5	29356	100062	6.51%	0.528%
2	5.646	437	444	455	rVB	301804	527574	34.35%	2.784%
3	7.244	707	716	725	rBV	316466	567074	36.92%	2.993%
4	8.090	853	860	869	rVB	184167	304939	19.85%	1.609%
5	9.253	1051	1058	1065	rBV	203177	366884	23.88%	1.936%
6	10.910	1332	1340	1345	rBV	218238	410933	26.75%	2.169%
7	10.957	1345	1348	1354	rVB2	42974	71393	4.65%	0.377%
8	12.561	1615	1621	1629	rVB	41341	65703	4.28%	0.347%
9	12.779	1650	1658	1665	rVB2	30426	55691	3.63%	0.294%
10	13.349	1748	1755	1764	rBV	452303	719812	46.86%	3.799%
11	13.895	1843	1848	1856	rVB5	18184	46240	3.01%	0.244%
12	14.054	1867	1875	1879	rBV2	33459	63704	4.15%	0.336%
13	14.107	1879	1884	1889	rVB3	20694	33578	2.19%	0.177%
14	14.171	1889	1895	1905	rVB	50761	82345	5.36%	0.435%
15	14.289	1908	1915	1918	rBV2	15647	27458	1.79%	0.145%
16	14.453	1938	1943	1950	rBV2	19175	34085	2.22%	0.180%
17	14.729	1980	1990	1997	rBV	324760	534030	34.77%	2.818%
18	14.794	1997	2001	2009	rVB	38463	67469	4.39%	0.356%
19	14.941	2020	2026	2034	rVB5	7980	19052	1.24%	0.101%
20	15.123	2052	2057	2064	rVB2	52159	89945	5.86%	0.475%
21	15.199	2064	2070	2077	rBV3	16427	28984	1.89%	0.153%
22	15.346	2087	2095	2099	rBV2	15629	27476	1.79%	0.145%
23	15.399	2099	2104	2108	rVV3	13201	20364	1.33%	0.107%
24	15.511	2117	2123	2127	rBV5	12119	29322	1.91%	0.155%
25	15.775	2162	2168	2180	rVB	105106	169947	11.06%	0.897%
26	16.069	2214	2218	2225	rVB2	29149	47743	3.11%	0.252%
27	16.216	2237	2243	2251	rBV2	418202	659535	42.94%	3.481%
28	16.445	2273	2282	2287	rBV9	18764	49109	3.20%	0.259%
29	16.780	2328	2339	2343	rBV4	32277	74080	4.82%	0.391%
30	16.827	2344	2347	2353	rVB4	16138	24642	1.60%	0.130%
31	16.933	2359	2365	2370	rVB4	18420	31378	2.04%	0.166%
32	17.009	2370	2378	2381	rBV6	22865	44293	2.88%	0.234%
33	17.044	2381	2384	2389	rVB6	12374	19316	1.26%	0.102%
34	17.132	2394	2399	2405	rVV5	21983	38028	2.48%	0.201%
35	17.209	2408	2412	2418	rVV4	23183	51891	3.38%	0.274%
36	17.297	2422	2427	2434	rVB	40295	74116	4.83%	0.391%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
Data File : BG049202.D
Acq On : 7 Jul 2021 16:43
Operator : CG/JU
Sample : M2931-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-070221

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-BG063021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.479	2452	2458	2462	rBV	374078	604048	39.32%	3.188%
38	17.520	2462	2465	2472	rVV	555179	830404	54.06%	4.383%
39	17.614	2476	2481	2486	rVV	140051	216557	14.10%	1.143%
40	17.673	2486	2491	2496	rVB5	18538	36408	2.37%	0.192%
41	17.755	2502	2505	2508	rBV5	10011	15597	1.02%	0.082%
42	17.879	2522	2526	2532	rBV2	41705	70637	4.60%	0.373%
43	18.002	2543	2547	2551	rBV	16707	26409	1.72%	0.139%
44	18.061	2553	2557	2565	rVB4	18381	37691	2.45%	0.199%
45	18.214	2578	2583	2585	rBV4	13574	18401	1.20%	0.097%
46	18.355	2603	2607	2611	rBV	138598	206511	13.44%	1.090%
47	18.407	2611	2616	2621	rVB	140647	218419	14.22%	1.153%
48	18.484	2624	2629	2634	rBV	54030	87106	5.67%	0.460%
49	18.554	2634	2641	2645	rBV3	164350	311606	20.29%	1.645%
50	18.654	2655	2658	2661	rVB4	12806	16337	1.06%	0.086%
51	18.848	2687	2691	2695	rBV	65757	97380	6.34%	0.514%
52	18.889	2695	2698	2704	rVB4	43532	61347	3.99%	0.324%
53	18.977	2709	2713	2717	rBV6	14203	17756	1.16%	0.094%
54	19.095	2730	2733	2737	rVB4	23447	31151	2.03%	0.164%
55	19.148	2738	2742	2744	rVV2	29554	40648	2.65%	0.215%
56	19.183	2745	2748	2752	rVB4	30196	32513	2.12%	0.172%
57	19.265	2757	2762	2767	rBV2	75912	142796	9.30%	0.754%
58	19.330	2769	2773	2776	rBV4	27412	41221	2.68%	0.218%
59	19.412	2781	2787	2791	rBV2	57082	107054	6.97%	0.565%
60	19.530	2801	2807	2813	rBV	1047103	1536057	100.00%	8.107%
61	19.624	2820	2823	2827	rVB3	39806	52133	3.39%	0.275%
62	19.776	2846	2849	2851	rVB	29528	28172	1.83%	0.149%
63	19.859	2858	2863	2864	rBV	176401	212787	13.85%	1.123%
64	19.894	2864	2869	2876	rVB	859594	1356063	88.28%	7.157%
65	19.959	2876	2880	2885	rBV2	53649	85315	5.55%	0.450%
66	20.082	2895	2901	2906	rBV	600691	871750	56.75%	4.601%
67	20.129	2906	2909	2913	rVB	40430	62227	4.05%	0.328%
68	20.217	2917	2924	2930	rBV2	80278	213516	13.90%	1.127%
69	20.382	2948	2952	2956	rVB	166442	242728	15.80%	1.281%
70	20.481	2965	2969	2972	rBV	112115	135942	8.85%	0.717%
71	20.540	2974	2979	2983	rVB2	89169	148703	9.68%	0.785%
72	20.681	3000	3003	3007	rBV	57996	76671	4.99%	0.405%
73	20.722	3008	3010	3014	rVB	48203	61729	4.02%	0.326%
74	21.145	3080	3082	3090	rVB2	65194	97740	6.36%	0.516%
75	21.339	3112	3115	3118	rVB2	56064	67563	4.40%	0.357%
76	21.392	3120	3124	3127	rVV2	62871	90381	5.88%	0.477%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
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Sample : M2931-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-070221

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.486	3137	3140	3148	rVB2	72776	138997	9.05%	0.734%
78	21.756	3179	3186	3192	rBV2	547489	1424536	92.74%	7.518%
79	21.815	3192	3196	3208	rVB	379190	696955	45.37%	3.678%
80	24.030	3565	3573	3580	rBV	268283	877463	57.12%	4.631%
81	24.771	3694	3699	3712	rVB2	157595	473274	30.81%	2.498%
82	24.923	3718	3725	3738	rVB	222811	658199	42.85%	3.474%
83	25.082	3745	3752	3760	rBV2	174385	493082	32.10%	2.602%

Sum of corrected areas: 18948175

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
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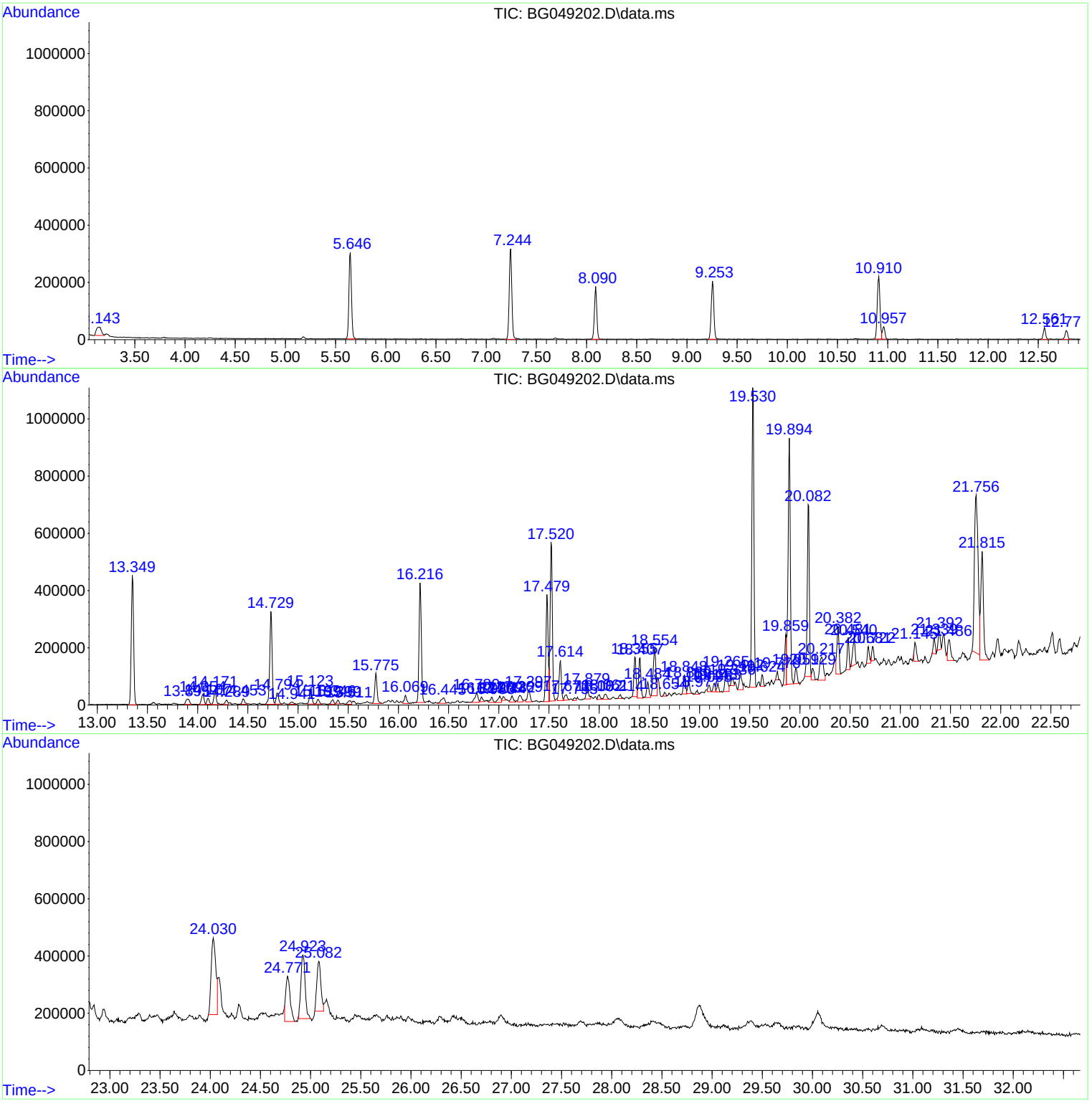
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-070221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.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\BG070721\
Data File : BG049202.D
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Operator : CG/JU
Sample : M2931-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-070221

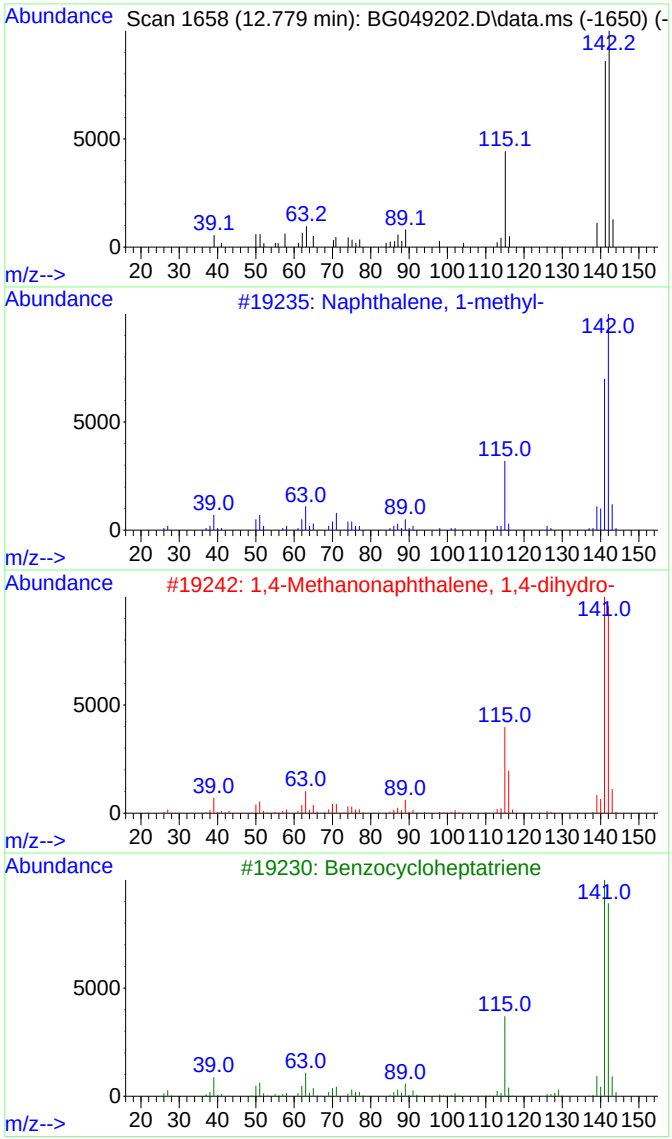
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

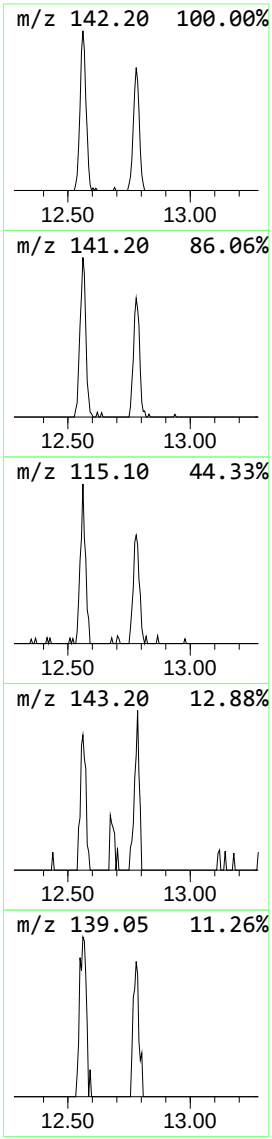
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.779	2.71 ng	55691	Naphthalene-d8	10.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
Data File : BG049202.D
Acq On : 7 Jul 2021 16:43
Operator : CG/JU
Sample : M2931-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-070221

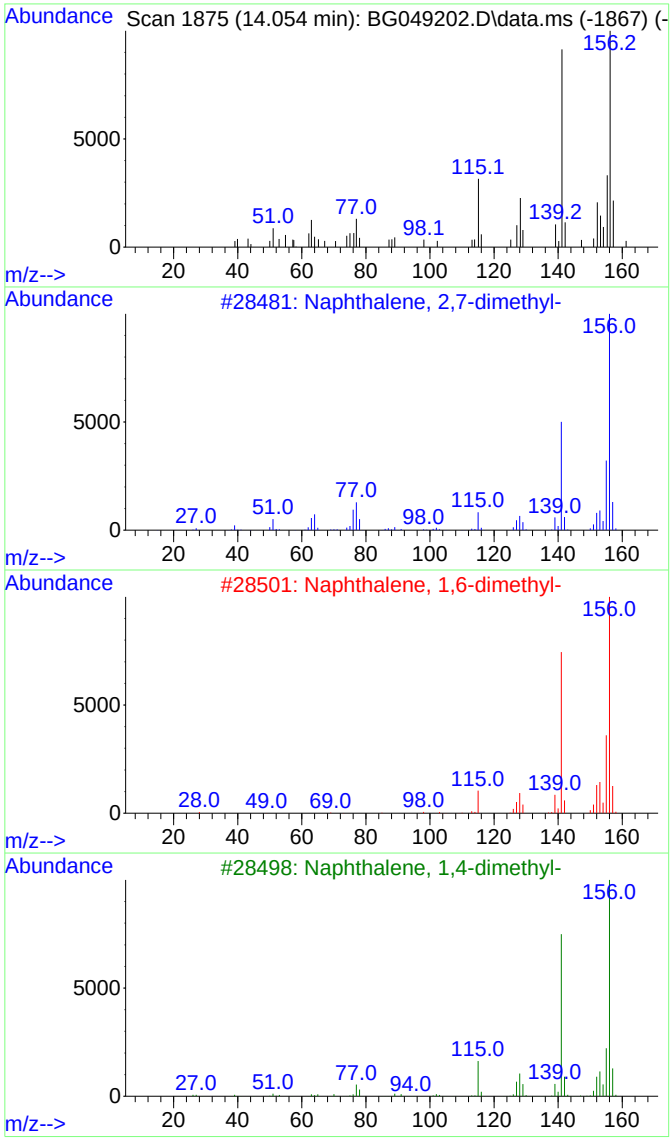
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

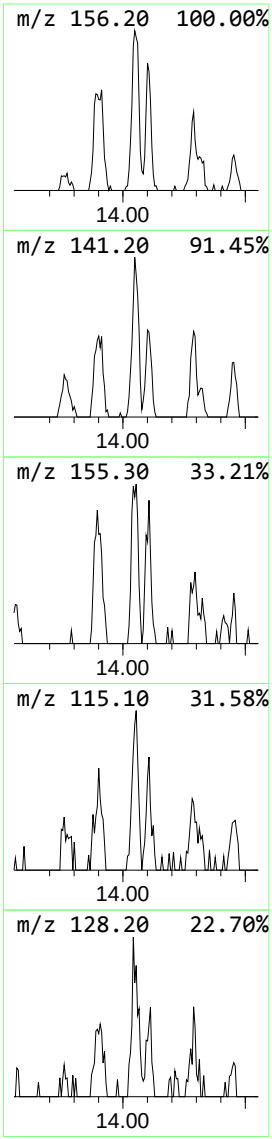
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.054	2.39 ng	63704	Acenaphthene-d10	14.729

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-070221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

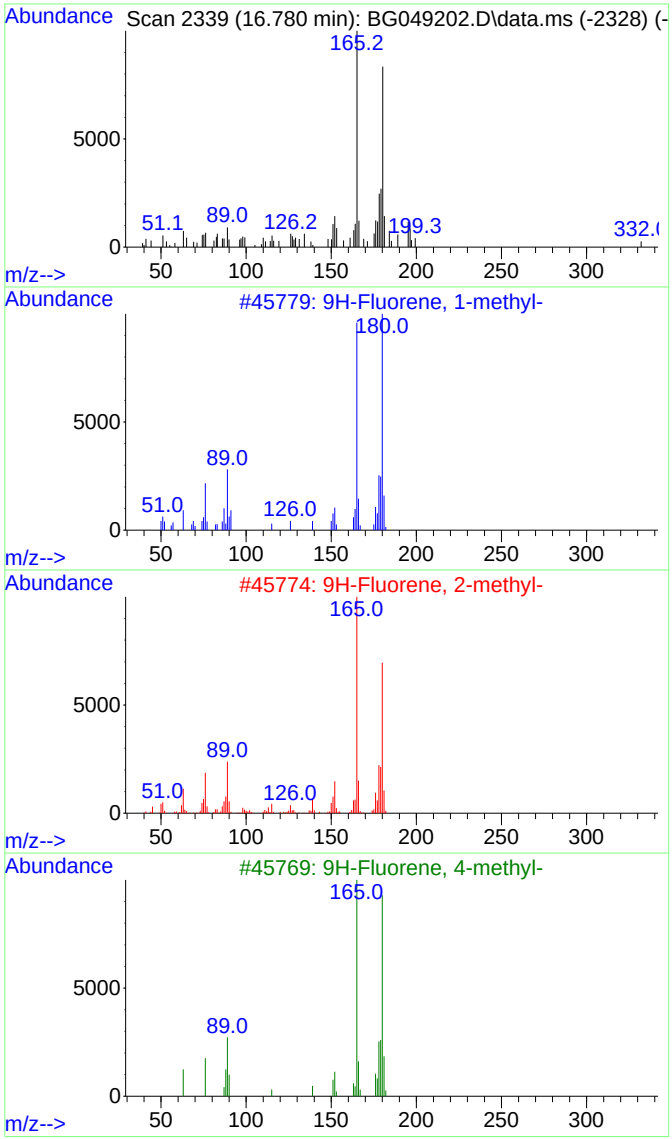
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

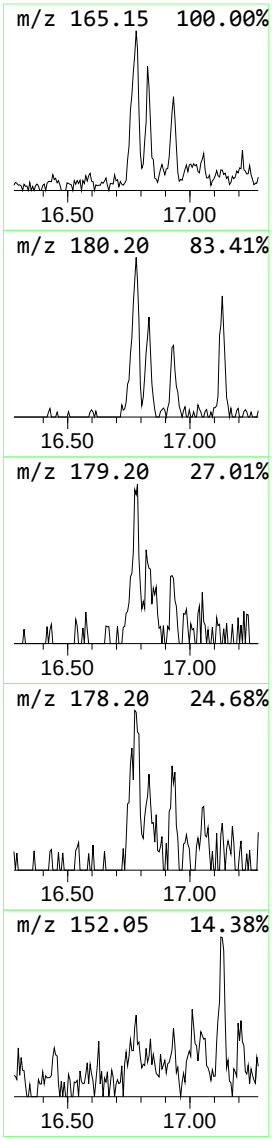
****

Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.780	2.45 ng	74080	Phenanthrene-d10	17.479

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	81
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
5	(E)-Stilbene	180	C14H12	000103-30-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
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Acq On : 7 Jul 2021 16:43
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Sample : M2931-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-070221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

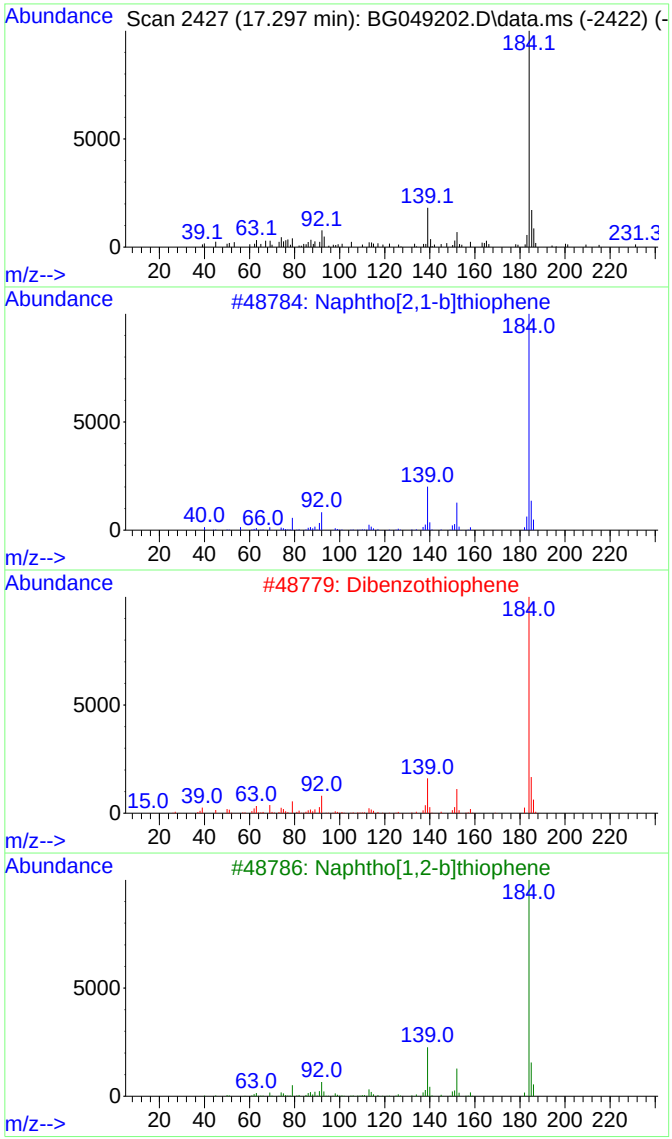
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

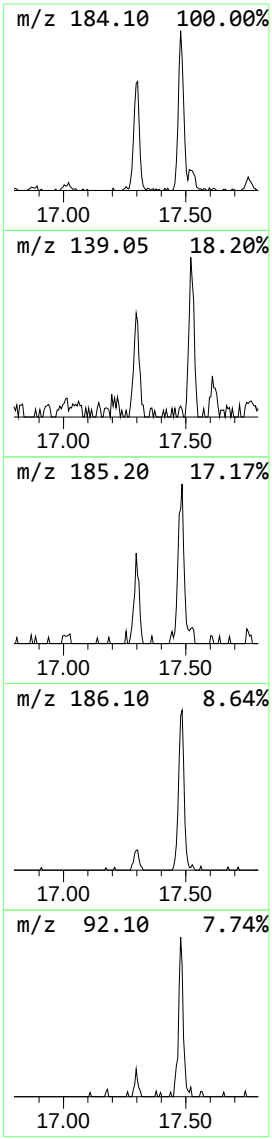
****

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.297	2.45 ng	74116	Phenanthrene-d10	17.479

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
Data File : BG049202.D
Acq On : 7 Jul 2021 16:43
Operator : CG/JU
Sample : M2931-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-070221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

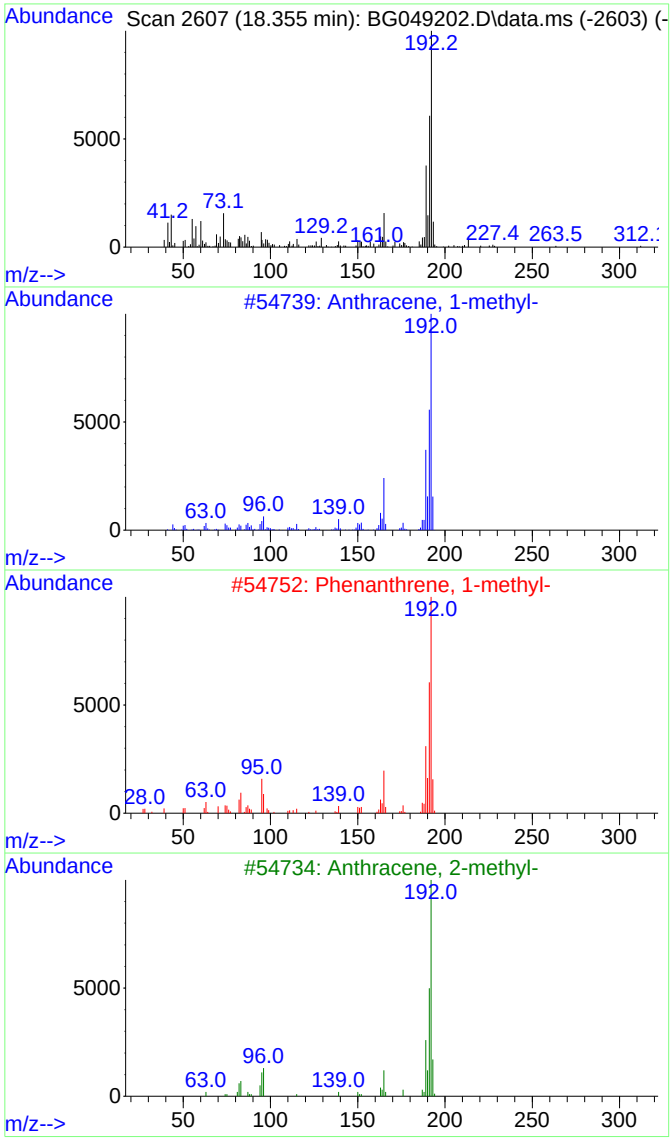
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

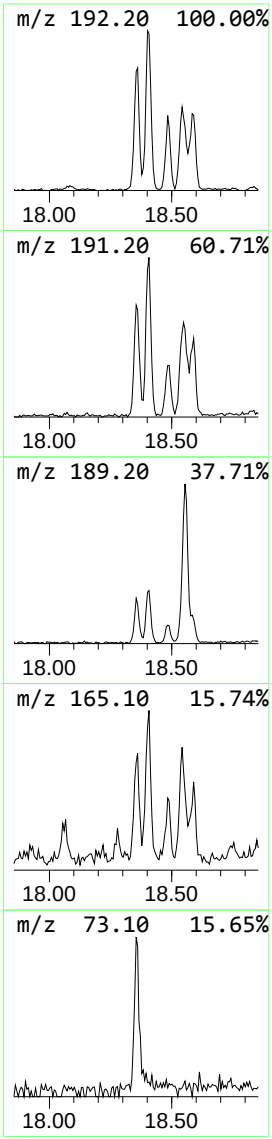
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.355	6.84 ng	206511	Phenanthrene-d10	17.479

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
Data File : BG049202.D
Acq On : 7 Jul 2021 16:43
Operator : CG/JU
Sample : M2931-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-070221

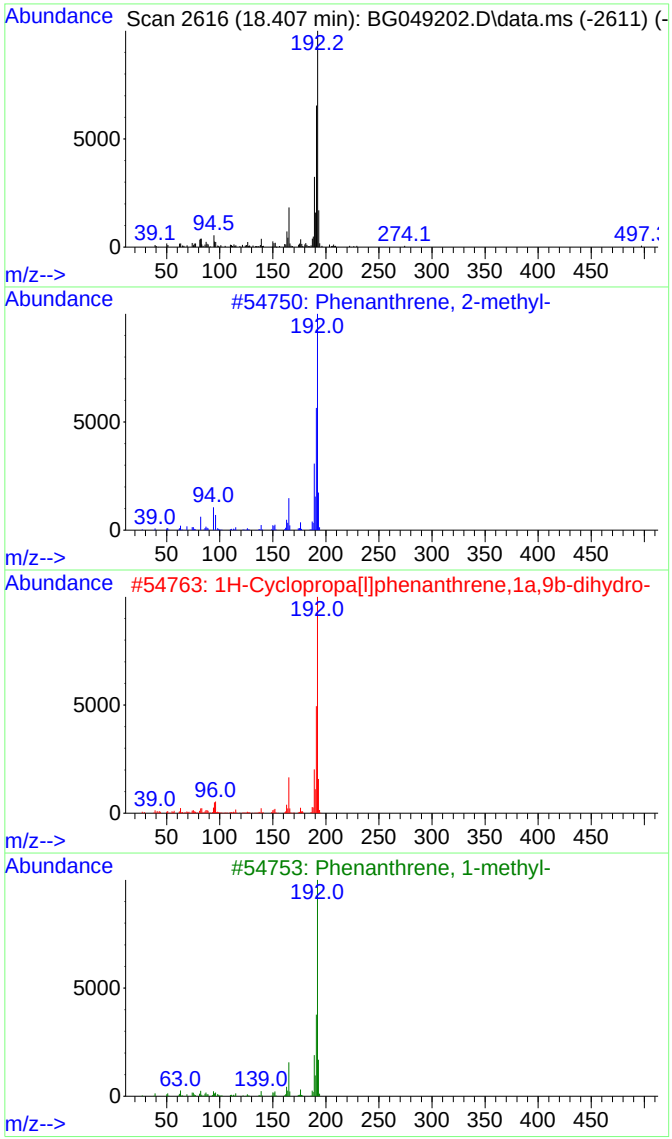
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

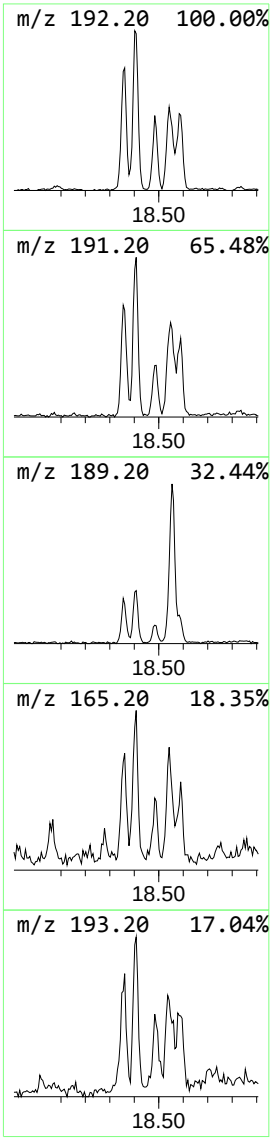
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.407	7.23 ng	218419	Phenanthrene-d10	17.479

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Data File : BG049202.D
Acq On : 7 Jul 2021 16:43
Operator : CG/JU
Sample : M2931-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-070221

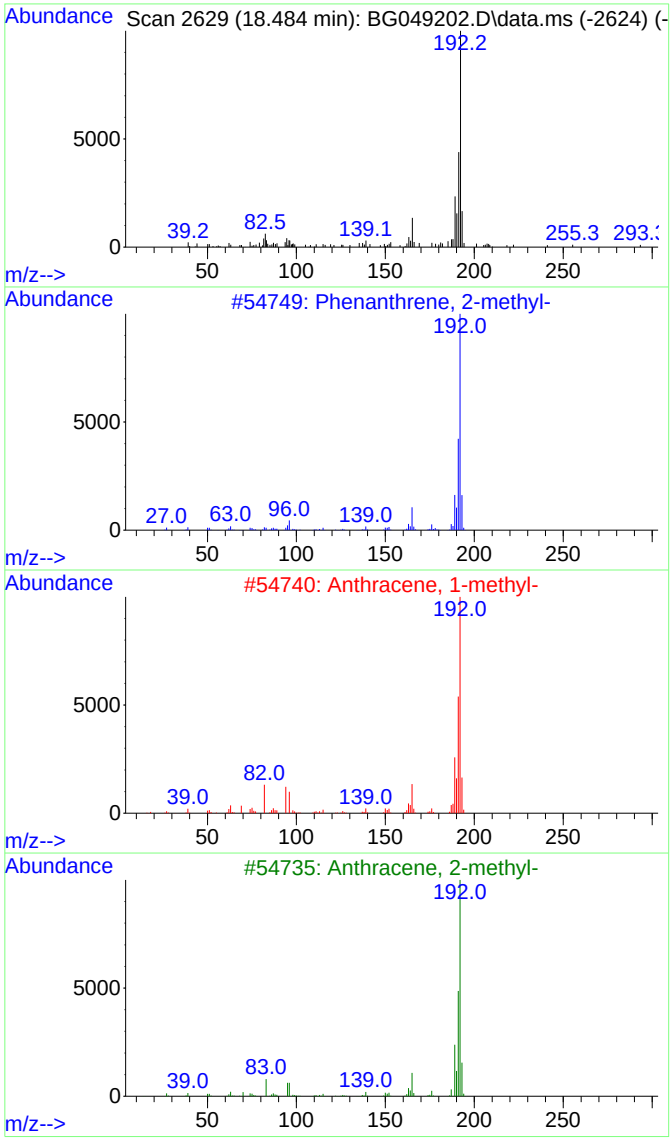
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

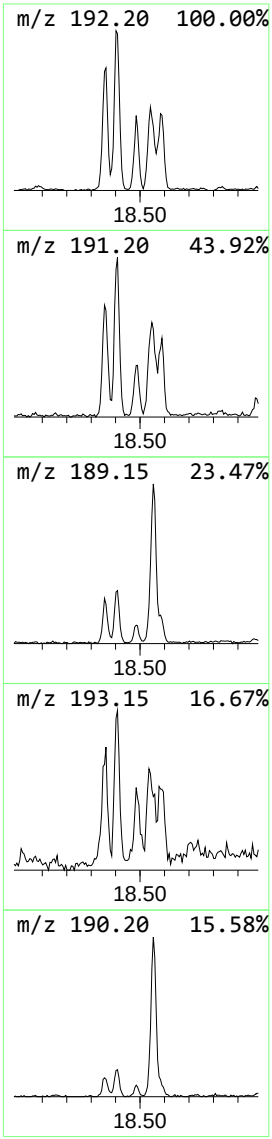
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.484	2.88 ng	87106	Phenanthrene-d10	17.479

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Acq On : 7 Jul 2021 16:43
Operator : CG/JU
Sample : M2931-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-070221

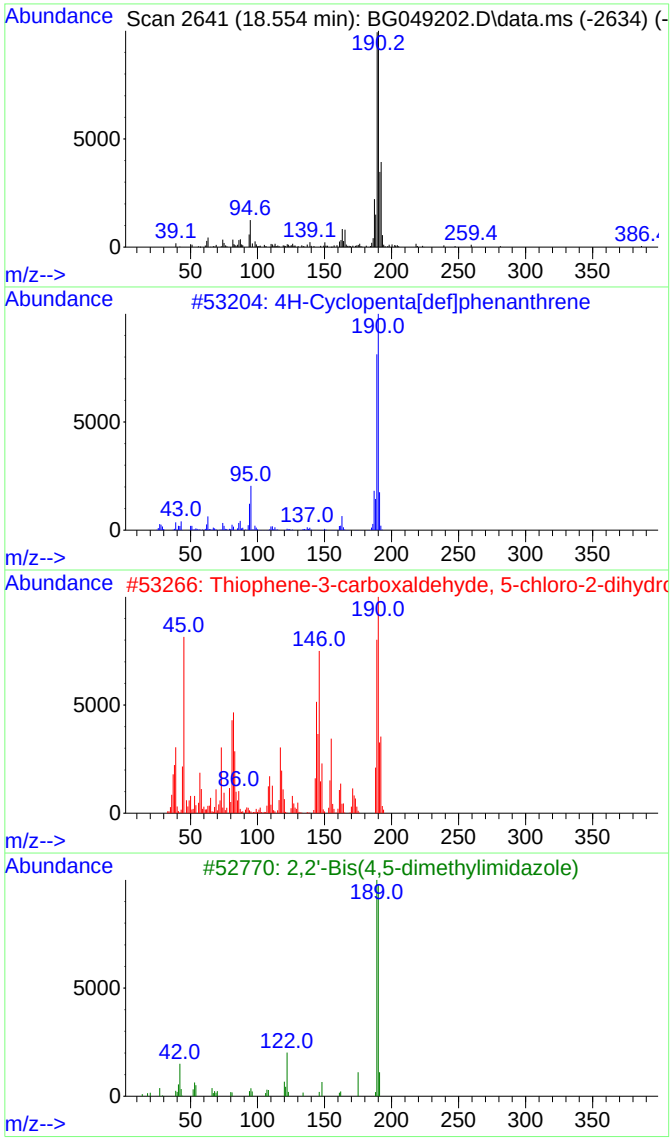
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

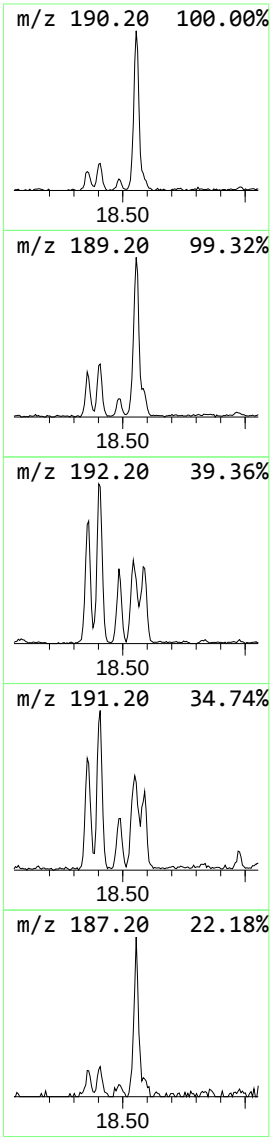
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.554	10.32 ng	311606	Phenanthrene-d10	17.479

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	58
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	25





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Operator : CG/JU
Sample : M2931-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-070221

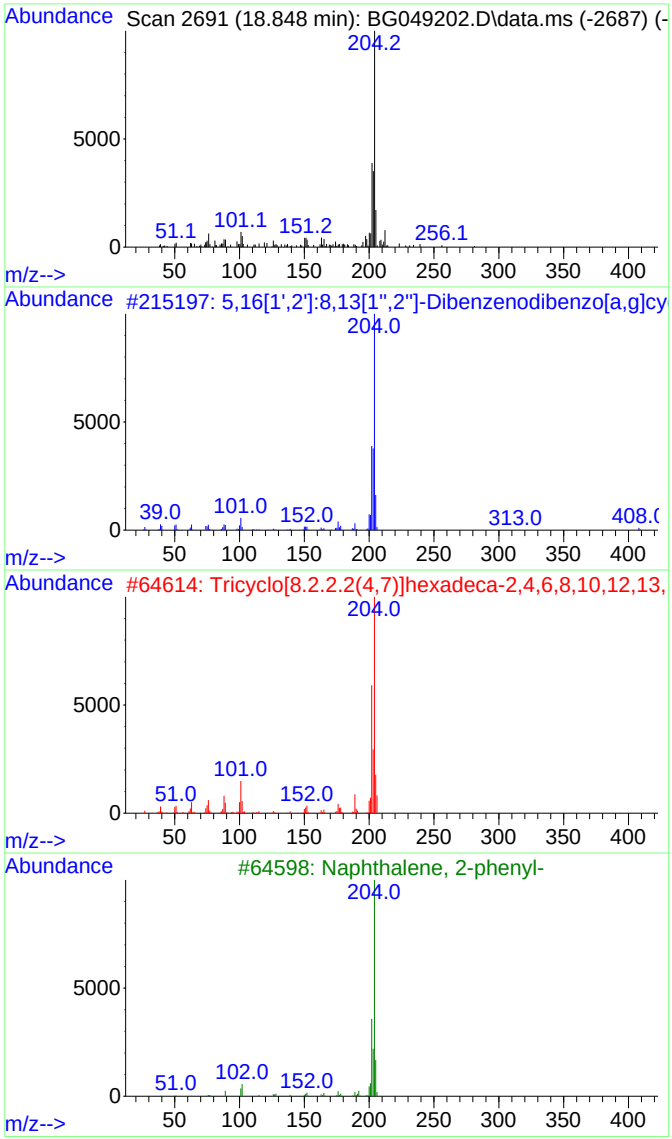
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

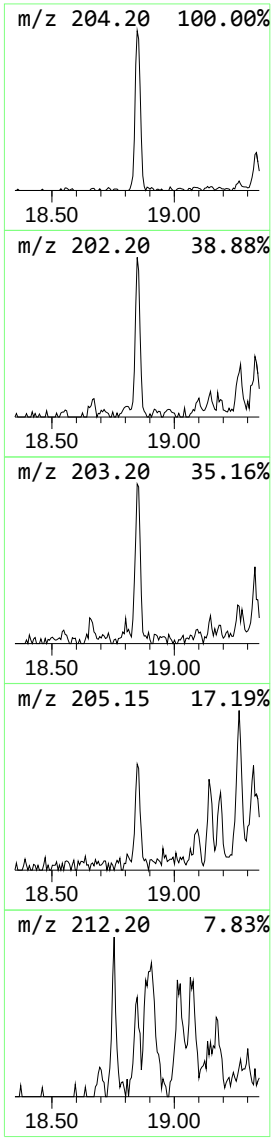
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.848	3.22 ng	97380	Phenanthrene-d10	17.479

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	52
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	49





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Operator : CG/JU
Sample : M2931-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-070221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

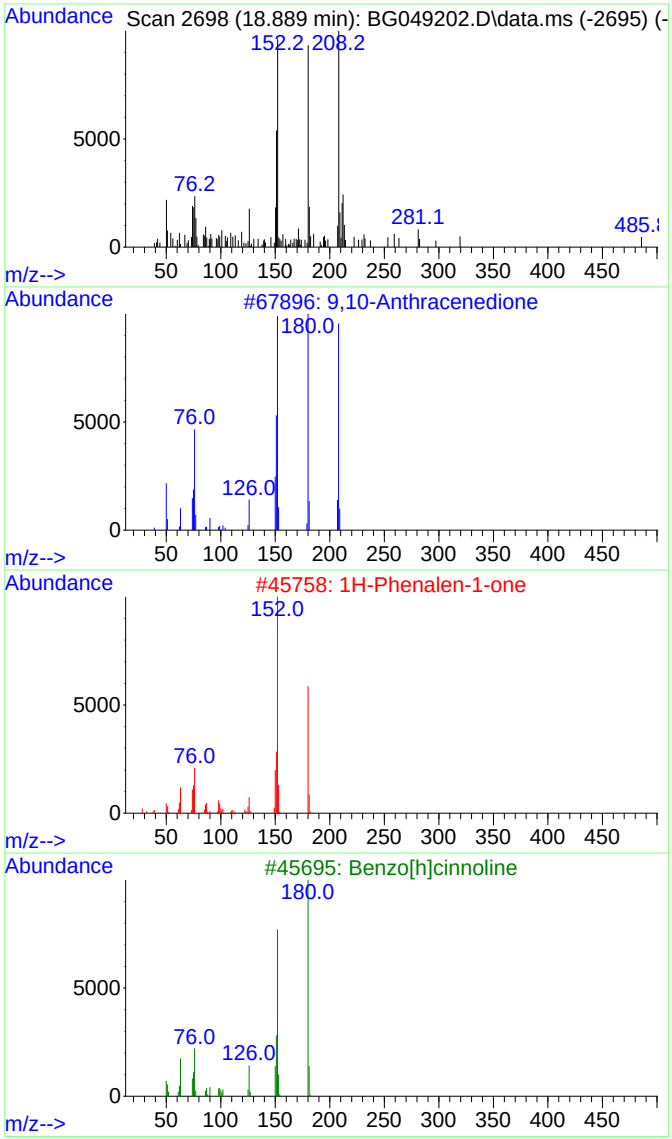
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

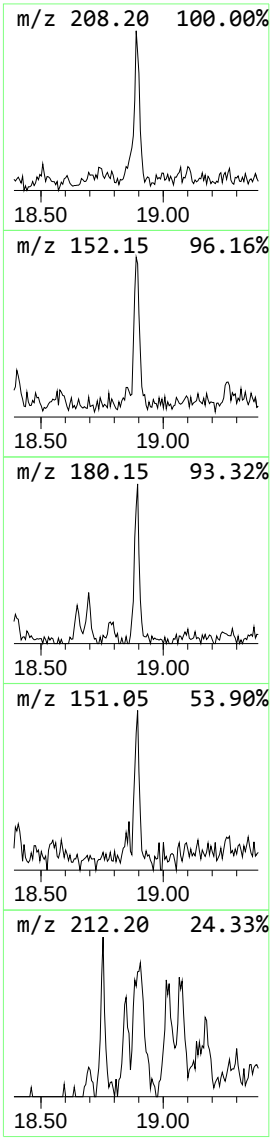
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.889	2.03 ng	61347	Phenanthrene-d10	17.479

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	49
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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Acq On : 7 Jul 2021 16:43
Operator : CG/JU
Sample : M2931-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-070221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

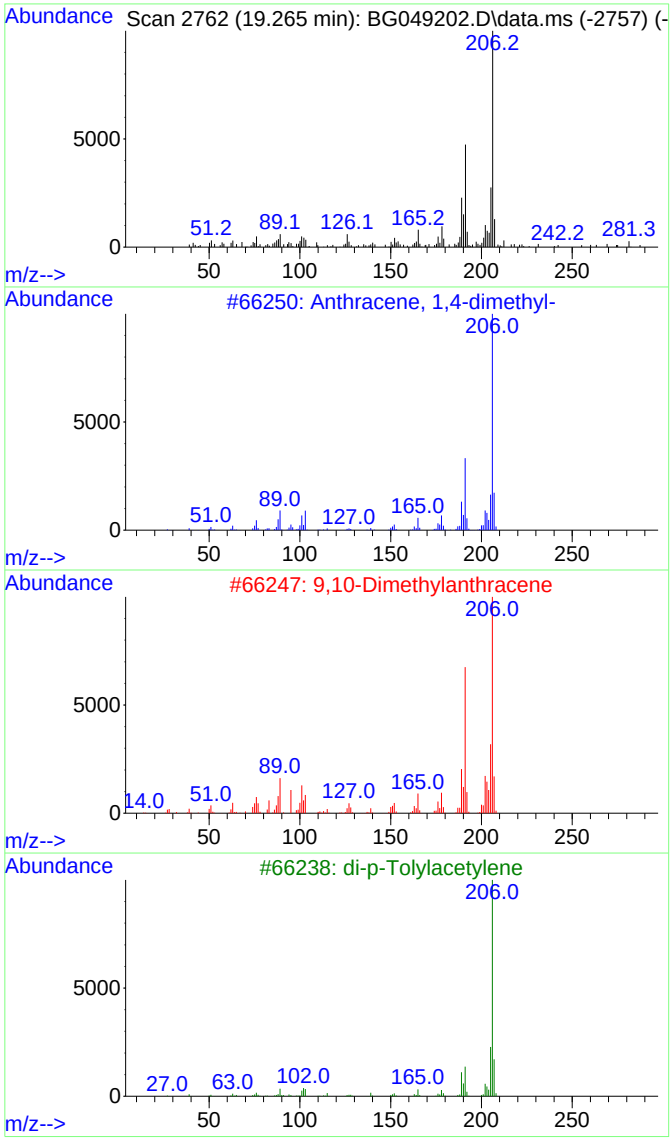
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

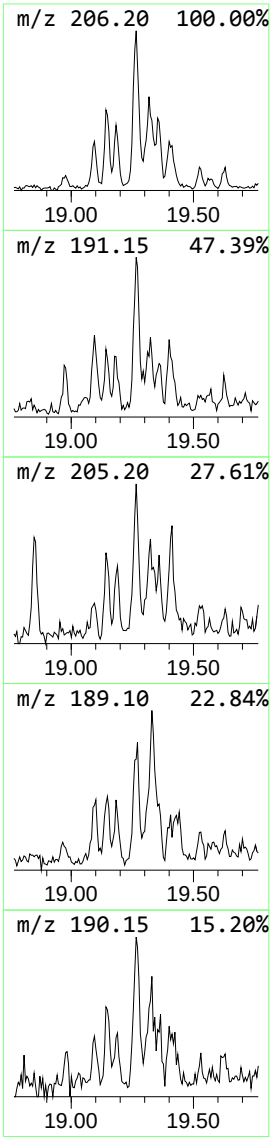
****

Peak Number 12 Anthracene, 1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.265	4.73 ng	142796	Phenanthrene-d10	17.479

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	76
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	76





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Operator : CG/JU
Sample : M2931-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-070221

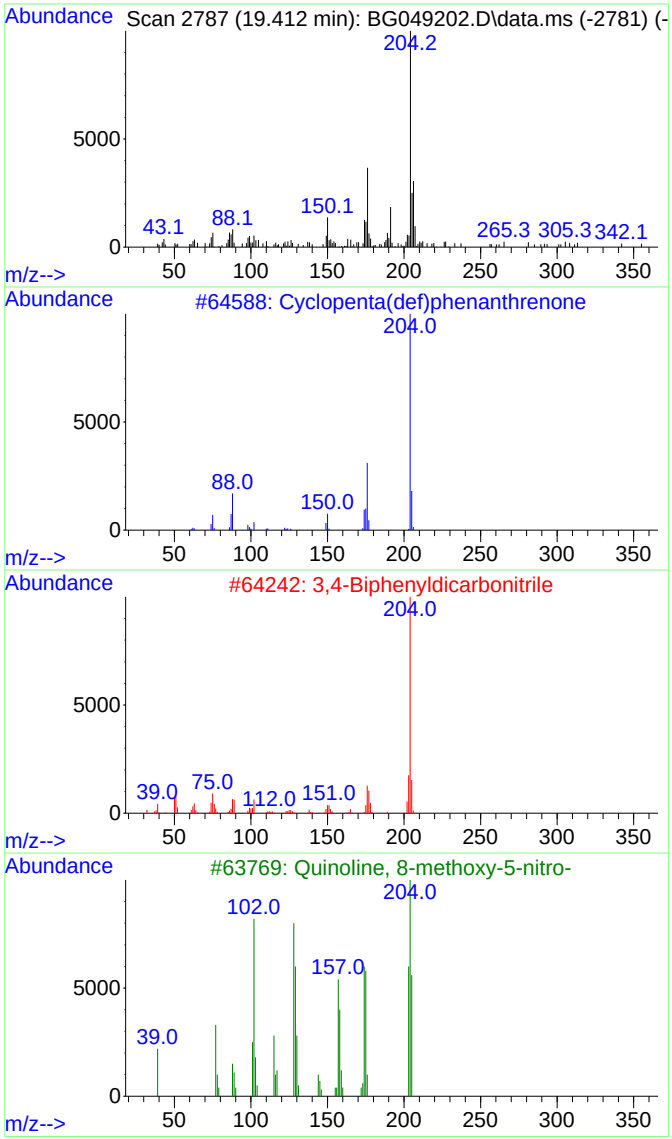
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

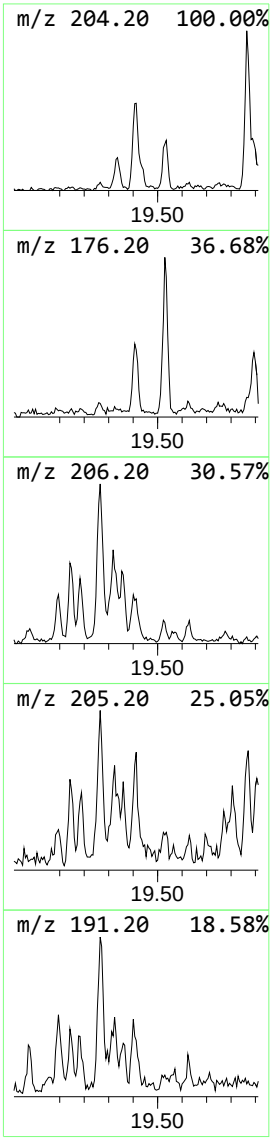
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.412	3.54 ng	107054	Phenanthrene-d10	17.479

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
3	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	49
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	47
5	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	47





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Acq On : 7 Jul 2021 16:43
Operator : CG/JU
Sample : M2931-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-070221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

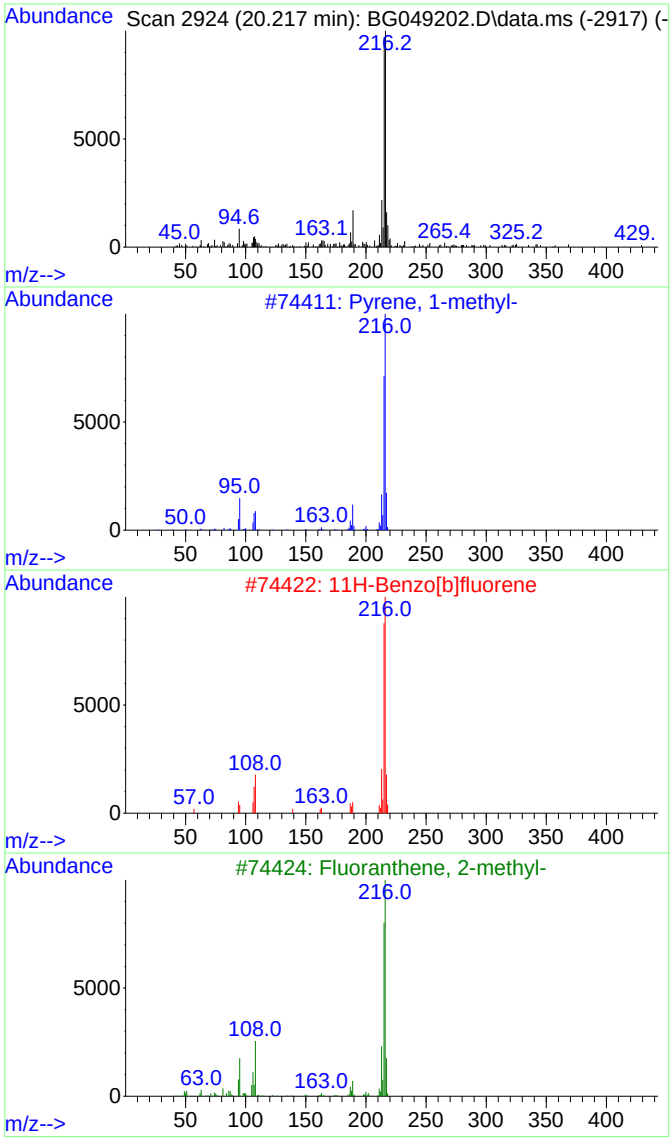
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

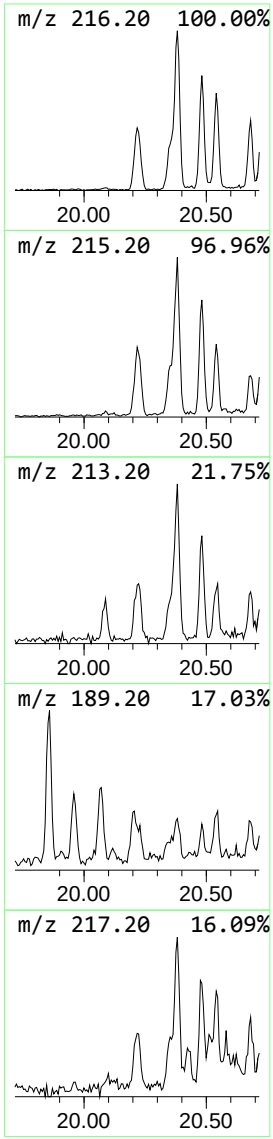
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.217	3.00 ng	213516	Chrysene-d12	21.768

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Acq On : 7 Jul 2021 16:43
Operator : CG/JU
Sample : M2931-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-070221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

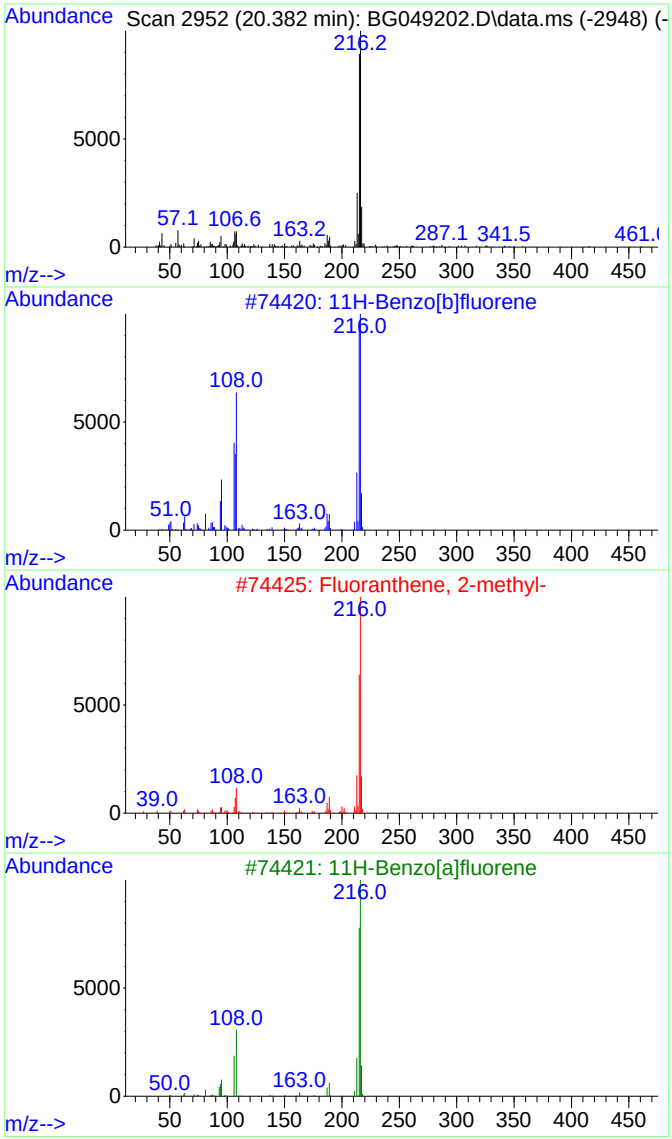
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

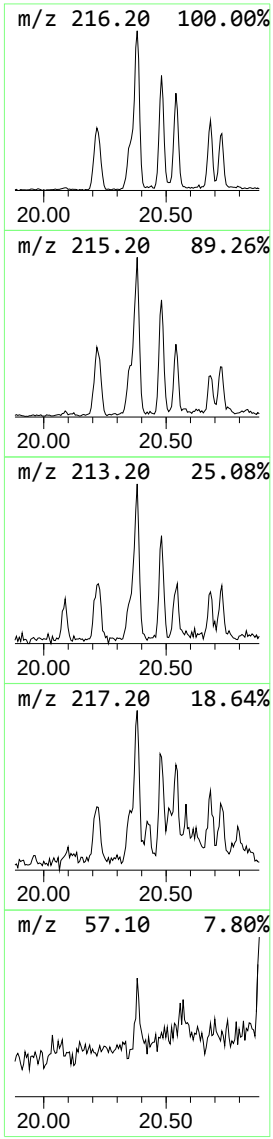
****

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.382	3.41 ng	242728	Chrysene-d12	21.768

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Acq On : 7 Jul 2021 16:43
Operator : CG/JU
Sample : M2931-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-070221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

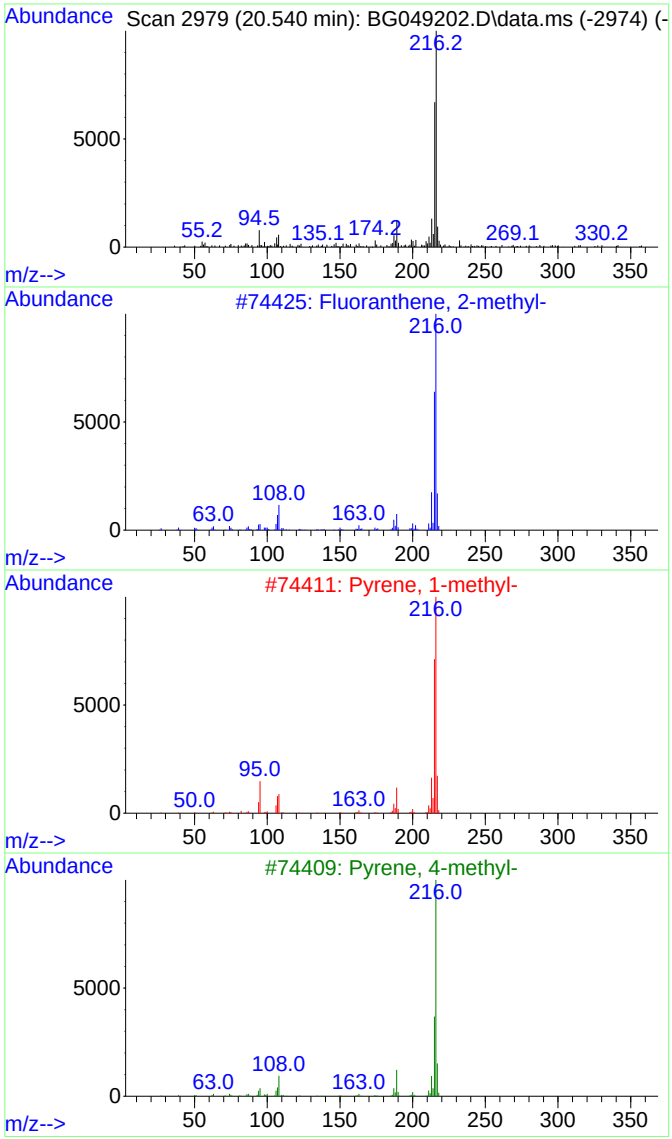
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

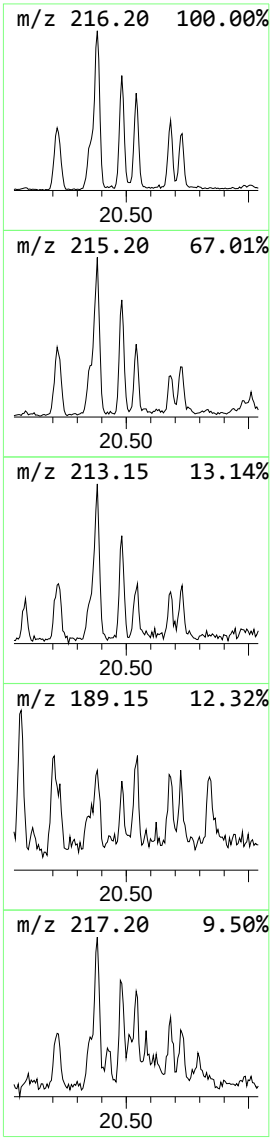
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.540	2.09 ng	148703	Chrysene-d12	21.768

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
Data File : BG049202.D
Acq On : 7 Jul 2021 16:43
Operator : CG/JU
Sample : M2931-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-070221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.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
Naphthalene, 1-...	12.779	2.7	ng	55691	2	10.910	410933	20.0
Naphthalene, 2,...	14.054	2.4	ng	63704	3	14.729	534030	20.0
9H-Fluorene, 1-...	16.780	2.5	ng	74080	4	17.479	604048	20.0
Naphtho[2,1-b]t...	17.297	2.5	ng	74116	4	17.479	604048	20.0
Anthracene, 2-m...	18.355	6.8	ng	206511	4	17.479	604048	20.0
Phenanthrene, 2...	18.407	7.2	ng	218419	4	17.479	604048	20.0
Anthracene, 1-m...	18.484	2.9	ng	87106	4	17.479	604048	20.0
4H-Cyclopenta[d...	18.554	10.3	ng	311606	4	17.479	604048	20.0
5,16[1',2']:8,1...	18.848	3.2	ng	97380	4	17.479	604048	20.0
9,10-Anthracene...	18.889	2.0	ng	61347	4	17.479	604048	20.0
Anthracene, 1,4...	19.265	4.7	ng	142796	4	17.479	604048	20.0
Cyclopenta(def)...	19.412	3.5	ng	107054	4	17.479	604048	20.0
Pyrene, 1-methyl-	20.217	3.0	ng	213516	5	21.768	1424540	20.0
11H-Benzo[b]flu...	20.382	3.4	ng	242728	5	21.768	1424540	20.0
Fluoranthene, 2...	20.540	2.1	ng	148703	5	21.768	1424540	20.0