LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055315.D
Acq On : 27 Oct 2022 2:12
Operator : CG/JU
Sample : N5269-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-102422

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-BG102422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055315.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.797	420	427	442	rVB	593235	1001680	4.26%	0.395%
2	7.419	695	703	713	rBV	606880	1075199	4.57%	0.424%
3	8.276	842	849	864	rVB	177430	306560	1.30%	0.121%
4	9.446	1041	1048	1058	rBV	372542	682357	2.90%	0.269%
5	11.102	1322	1330	1334	rBV	235627	441727	1.88%	0.174%
6	11.155	1334	1339	1347	rVB	363009	638617	2.71%	0.252%
7	12.736	1602	1608	1615	rVB	315755	507152	2.16%	0.200%
8	12.953	1636	1645	1653	rVB	256902	432360	1.84%	0.170%
9	13.511	1733	1740	1751	rVB	952109	1462408	6.22%	0.576%
10	14.064	1823	1834	1841	rBV2	204027	535255	2.28%	0.211%
11	14.211	1852	1859	1864	rBV	311052	559619	2.38%	0.220%
12	14.263	1864	1868	1873	rVB	202195	296707	1.26%	0.117%
13	14.446	1893	1899	1902	rBV	157084	248038	1.05%	0.098%
14	14.616	1922	1928	1936	rBV2	149852	286885	1.22%	0.113%
15	14.886	1970	1974	1979	rVV	357587	550370	2.34%	0.217%
16	14.951	1979	1985	1991	rVV	1042381	1651279	7.02%	0.651%
17	15.280	2034	2041	2047	rVV	883992	1470674	6.25%	0.579%
18	15.350	2047	2053	2061	rVB	198067	299995	1.28%	0.118%
19	15.491	2070	2077	2082	rBV	175832	324138	1.38%	0.128%
20	15.662	2098	2106	2109	rBV2	144691	323796	1.38%	0.128%
21	15.926	2144	2151	2160	rVV	1496025	2491666	10.59%	0.982%
22	16.050	2169	2172	2175	rVV	215073	337779	1.44%	0.133%
23	16.085	2175	2178	2183	rVV3	271880	439138	1.87%	0.173%
24	16.214	2196	2200	2208	rVB	439181	721011	3.06%	0.284%
25	16.367	2220	2226	2233	rVB	1018285	1780018	7.57%	0.701%
26	16.555	2252	2258	2262	rBV2	160937	387864	1.65%	0.153%
27	16.725	2281	2287	2292	rBV4	113444	266758	1.13%	0.105%
28	16.925	2309	2321	2325	rBV3	489598	1048364	4.46%	0.413%
29	16.972	2325	2329	2334	rVB2	204969	326706	1.39%	0.129%
30	17.072	2342	2346	2351	rVB2	216128	351082	1.49%	0.138%
31	17.148	2351	2359	2362	rBV3	317182	665681	2.83%	0.262%
32	17.189	2362	2366	2369	rVB3	199007	265102	1.13%	0.104%
33	17.278	2376	2381	2387	rVB3	282815	463036	1.97%	0.182%
34	17.342	2387	2392	2399	rBV3	378476	776319	3.30%	0.306%
35	17.442	2404	2409	2417	rVB	684057	1073354	4.56%	0.423%
36	17.630	2435	2441	2443	rBV	327339	583111	2.48%	0.230%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
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Sample : N5269-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-102422

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-BG102422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.689	2443	2451	2456	rVB	5593505	11629612	49.43%	4.582%
38	17.765	2458	2464	2470	rBV	2791302	4515891	19.20%	1.779%
39	18.024	2501	2508	2515	rBV	712156	1483868	6.31%	0.585%
40	18.130	2522	2526	2532	rBV2	341506	478549	2.03%	0.189%
41	18.200	2533	2538	2542	rVV2	238203	410694	1.75%	0.162%
42	18.259	2542	2548	2553	rVB	5309225	7489727	31.84%	2.951%
43	18.341	2558	2562	2570	rVB2	144410	322180	1.37%	0.127%
44	18.494	2582	2588	2592	rBV	1607074	2613196	11.11%	1.030%
45	18.547	2592	2597	2602	rVB	2062855	3084203	13.11%	1.215%
46	18.629	2605	2611	2615	rBV	1009575	1555461	6.61%	0.613%
47	18.694	2615	2622	2626	rBV3	2368263	4955356	21.06%	1.952%
48	18.788	2635	2638	2642	rVB3	222085	279226	1.19%	0.110%
49	18.923	2658	2661	2665	rVV4	187204	268866	1.14%	0.106%
50	18.981	2666	2671	2675	rVV	1267187	1811371	7.70%	0.714%
51	19.034	2675	2680	2688	rVB	578129	903867	3.84%	0.356%
52	19.222	2705	2712	2717	rBV2	436848	764073	3.25%	0.301%
53	19.275	2717	2721	2724	rBV	440622	537377	2.28%	0.212%
54	19.310	2724	2727	2732	rVB	406254	528934	2.25%	0.208%
55	19.404	2734	2743	2746	rBV2	9106530	23526205	100.00%	9.269%
56	19.434	2746	2748	2756	rVB4	8127438	13657185	58.05%	5.380%
57	19.540	2762	2766	2774	rBV2	3405609	5140604	21.85%	2.025%
58	19.598	2774	2776	2782	rVV4	243691	402646	1.71%	0.159%
59	19.698	2782	2793	2797	rVV	6707241	17959600	76.34%	7.075%
60	19.763	2801	2804	2810	rVB3	372119	665556	2.83%	0.262%
61	19.910	2825	2829	2833	rVB	558728	759751	3.23%	0.299%
62	20.057	2840	2854	2858	rBV3	6328580	20367000	86.57%	8.024%
63	20.098	2858	2861	2866	rVB	1068773	1461590	6.21%	0.576%
64	20.204	2874	2879	2884	rVB	2276830	2917117	12.40%	1.149%
65	20.274	2888	2891	2895	rVB	463204	619953	2.64%	0.244%
66	20.350	2896	2904	2909	rBV2	1339257	3190967	13.56%	1.257%
67	20.397	2909	2912	2917	rBV2	271339	379480	1.61%	0.150%
68	20.480	2919	2926	2927	rBV4	866351	1640375	6.97%	0.646%
69	20.515	2928	2932	2940	rVB	2939659	4346334	18.47%	1.712%
70	20.609	2943	2948	2952	rBV	2312246	3488523	14.83%	1.374%
71	20.674	2952	2959	2962	rVV2	1203783	2145568	9.12%	0.845%
72	20.738	2967	2970	2975	rVB3	341939	509739	2.17%	0.201%
73	20.809	2978	2982	2986	rVV	864028	1314396	5.59%	0.518%
74	20.856	2986	2990	2996	rVB	956067	1592254	6.77%	0.627%
75	20.938	3000	3004	3007	rBV3	269151	488529	2.08%	0.192%
76	21.232	3051	3054	3058	rBV3	331591	590395	2.51%	0.233%

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Misc :
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Instrument :
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ClientSampleId :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.291	3059	3064	3070	rVB	1192406	2107767	8.96%	0.830%
78	21.479	3090	3096	3100	rBV2	1393107	2810005	11.94%	1.107%
79	21.526	3100	3104	3108	rVV	1367381	2234623	9.50%	0.880%
80	21.578	3108	3113	3118	rVV2	1609896	2850475	12.12%	1.123%
81	21.649	3121	3125	3135	rVB2	1226689	2434684	10.35%	0.959%
82	21.919	3160	3171	3176	rBV2	4815237	14004462	59.53%	5.517%
83	21.996	3178	3184	3193	rVB	4829334	11137142	47.34%	4.388%
84	22.142	3203	3209	3215	rBV	1447789	2588444	11.00%	1.020%
85	22.207	3217	3220	3224	rBV4	288234	494136	2.10%	0.195%
86	22.348	3239	3244	3251	rBV	910809	1712110	7.28%	0.675%
87	22.689	3297	3302	3308	rVB	1071561	2242127	9.53%	0.883%
88	22.765	3311	3315	3323	rVB	650729	1272442	5.41%	0.501%
89	22.918	3337	3341	3346	rVB3	460127	831288	3.53%	0.327%
90	22.983	3347	3352	3358	rBV2	544758	1432637	6.09%	0.564%
91	23.118	3370	3375	3383	rVB2	520823	1116529	4.75%	0.440%
92	24.299	3562	3576	3582	rBV	2905020	12516950	53.20%	4.931%
93	24.540	3612	3617	3634	rVB	828337	2245326	9.54%	0.885%
94	25.063	3696	3706	3719	rVB	1498601	5497503	23.37%	2.166%
95	25.239	3723	3736	3750	rVV	2379119	8432043	35.84%	3.322%

Sum of corrected areas: 253828716

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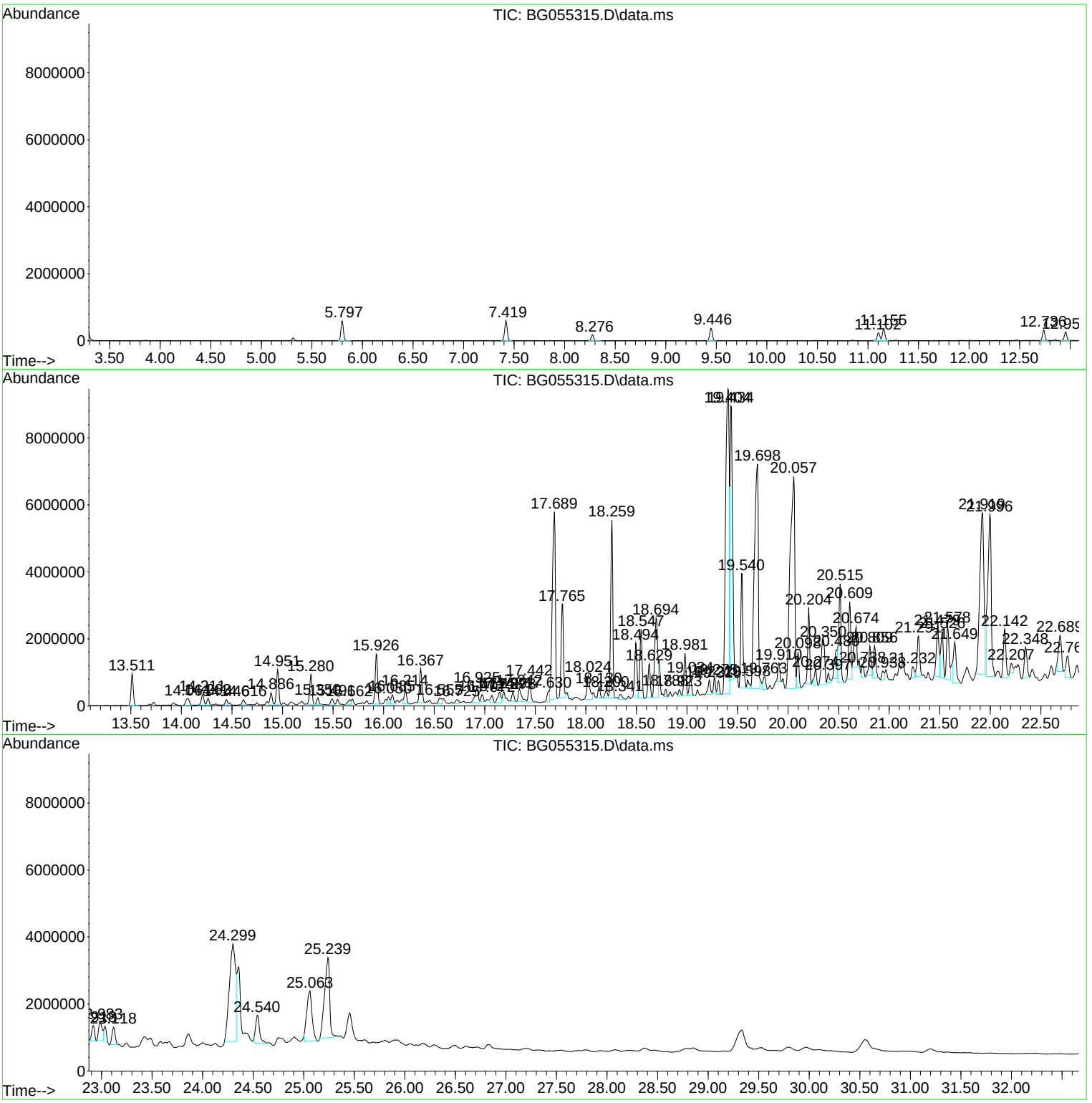
Instrument :
BNA_G
ClientSampleId :
SU-03-102422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.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\BG102622\
Data File : BG055315.D
Acq On : 27 Oct 2022 2:12
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Sample : N5269-01
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Instrument :
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ClientSampleId :
SU-03-102422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

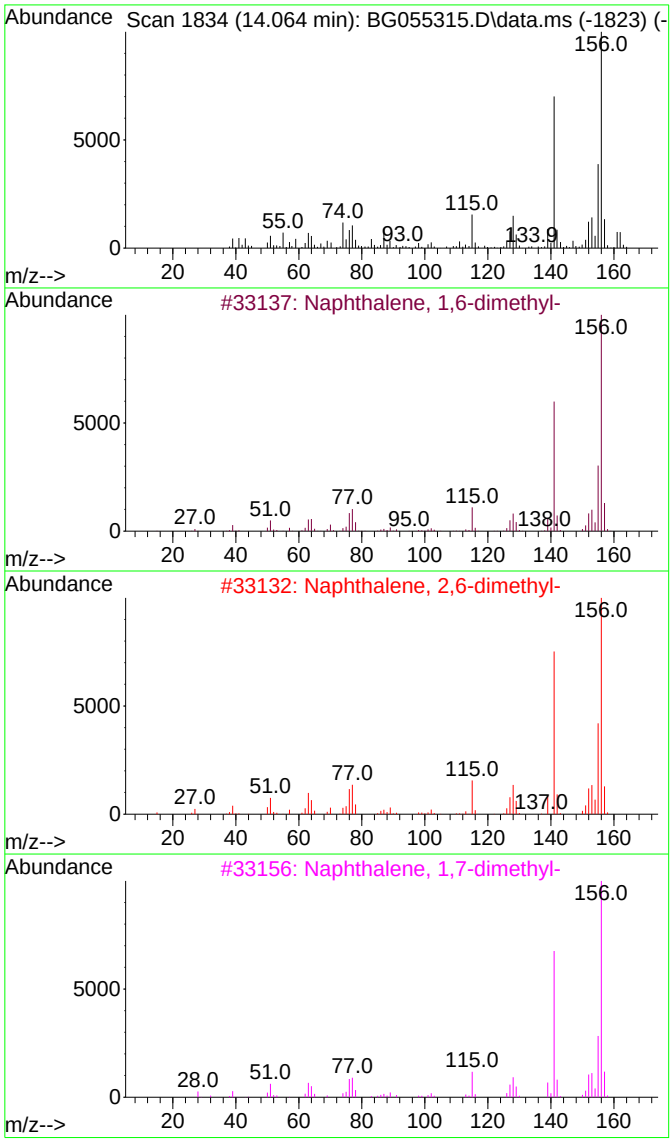
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

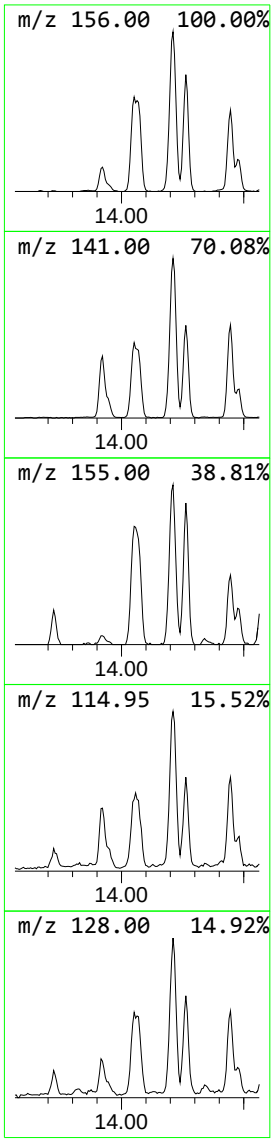
****

Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.064	19.45 ng	535255	Acenaphthene-d10	14.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055315.D
Acq On : 27 Oct 2022 2:12
Operator : CG/JU
Sample : N5269-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-102422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

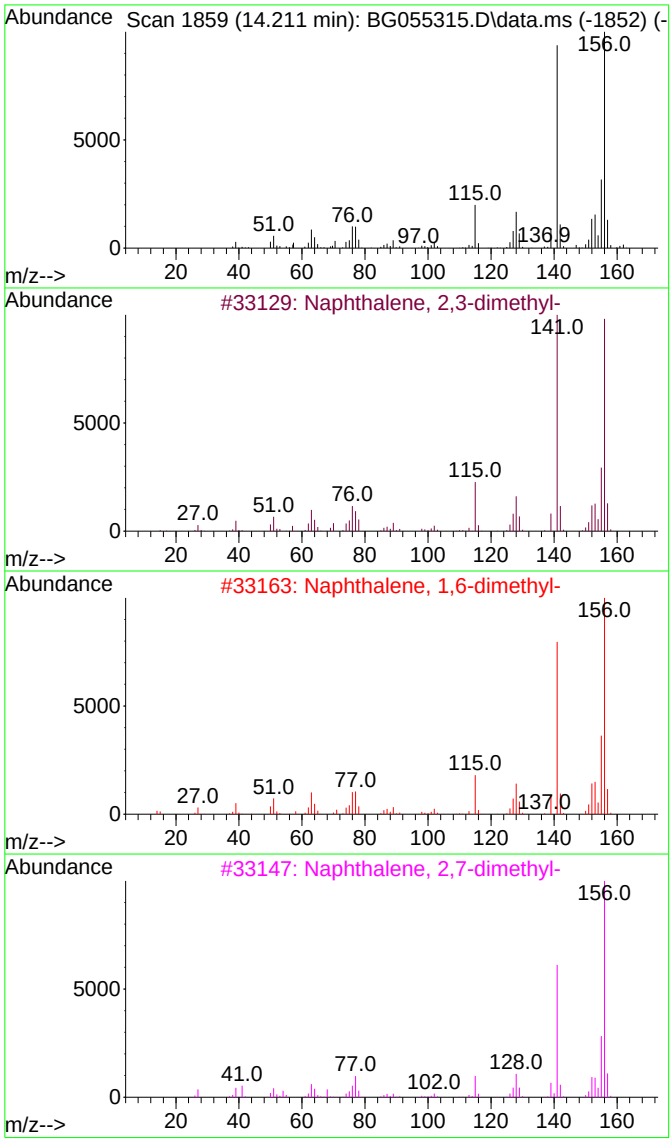
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

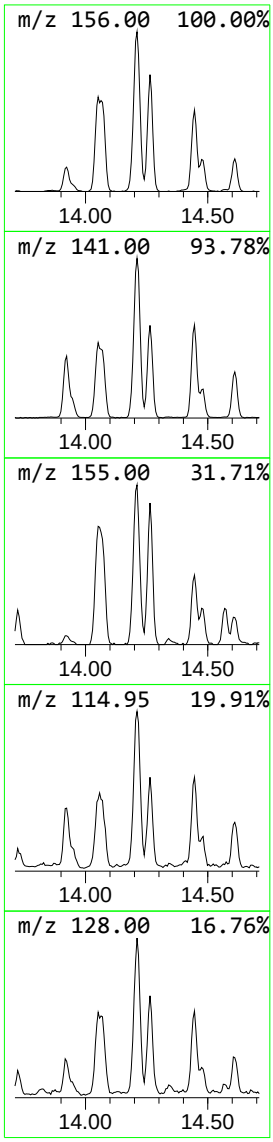
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.211	20.34 ng	559619	Acenaphthene-d10	14.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055315.D
Acq On : 27 Oct 2022 2:12
Operator : CG/JU
Sample : N5269-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-102422

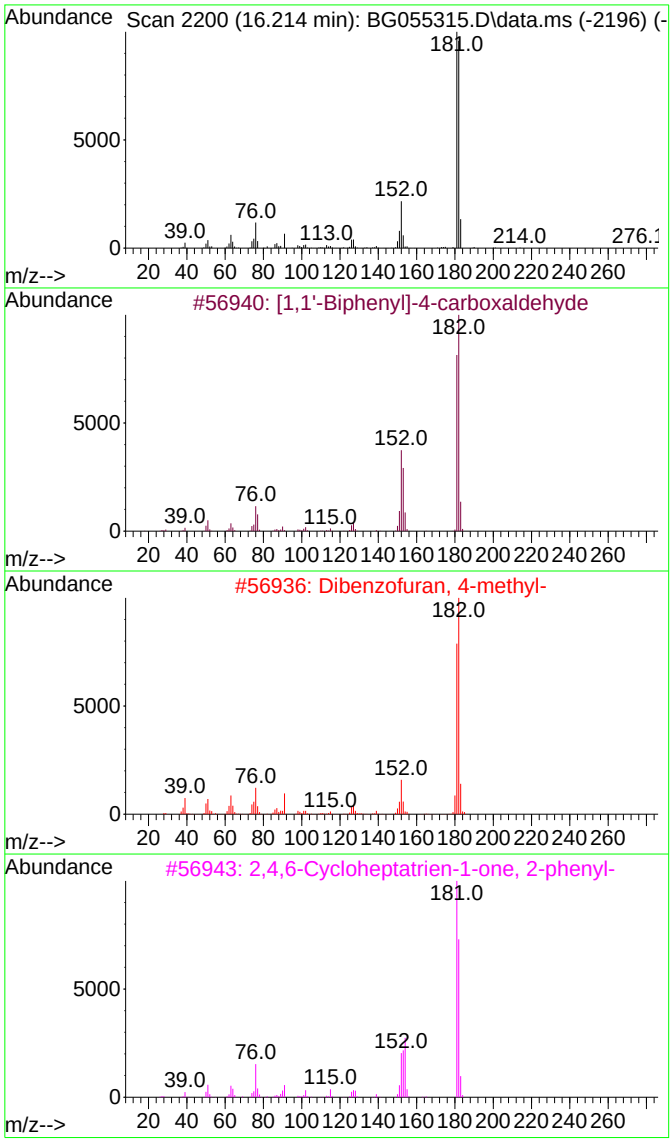
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

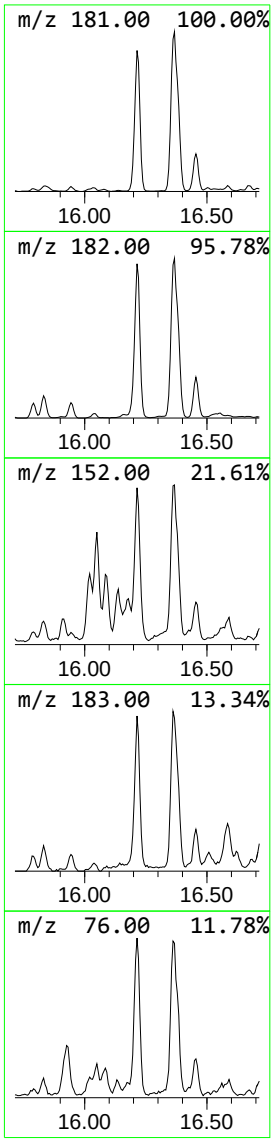
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.214	26.20 ng	721011	Acenaphthene-d10	14.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055315.D
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Operator : CG/JU
Sample : N5269-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-102422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

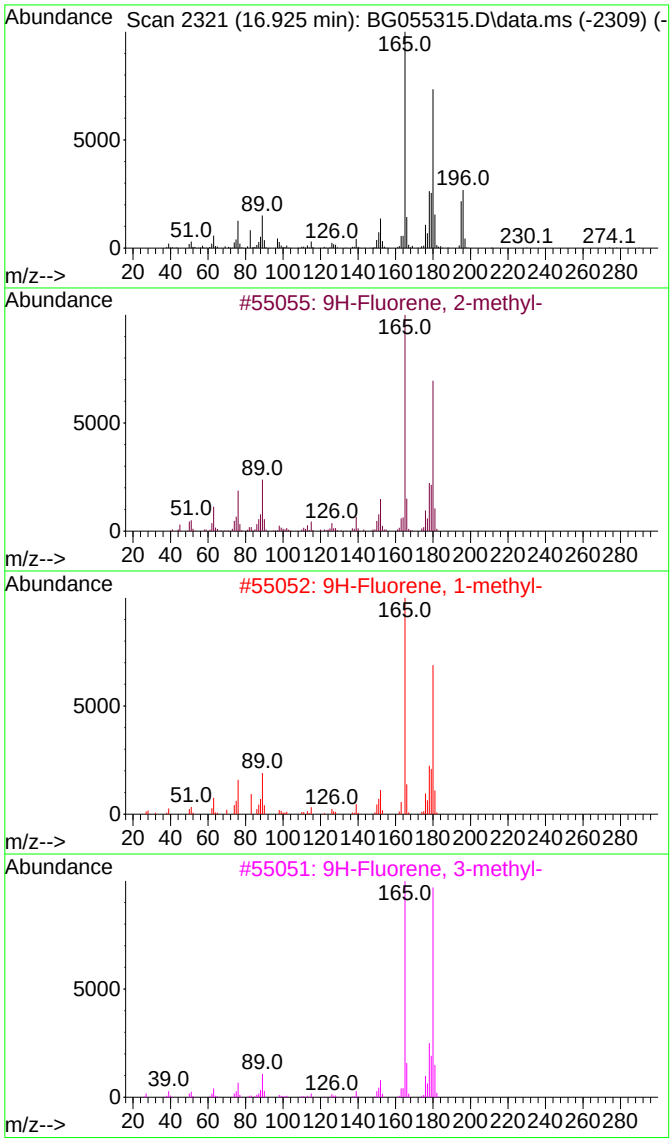
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

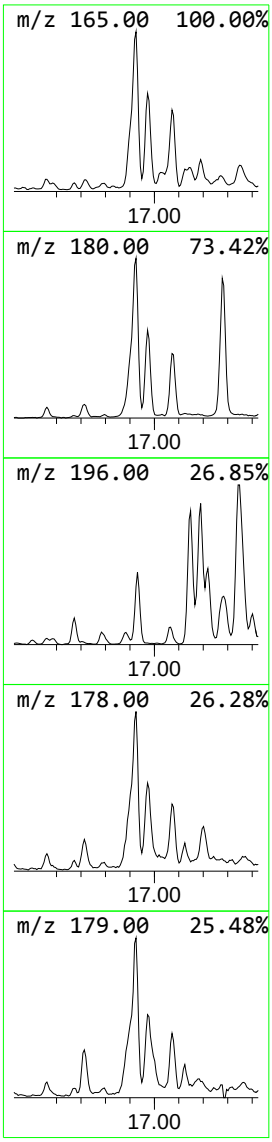
****

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.925	35.96 ng	1048360	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	89
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055315.D
Acq On : 27 Oct 2022 2:12
Operator : CG/JU
Sample : N5269-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-102422

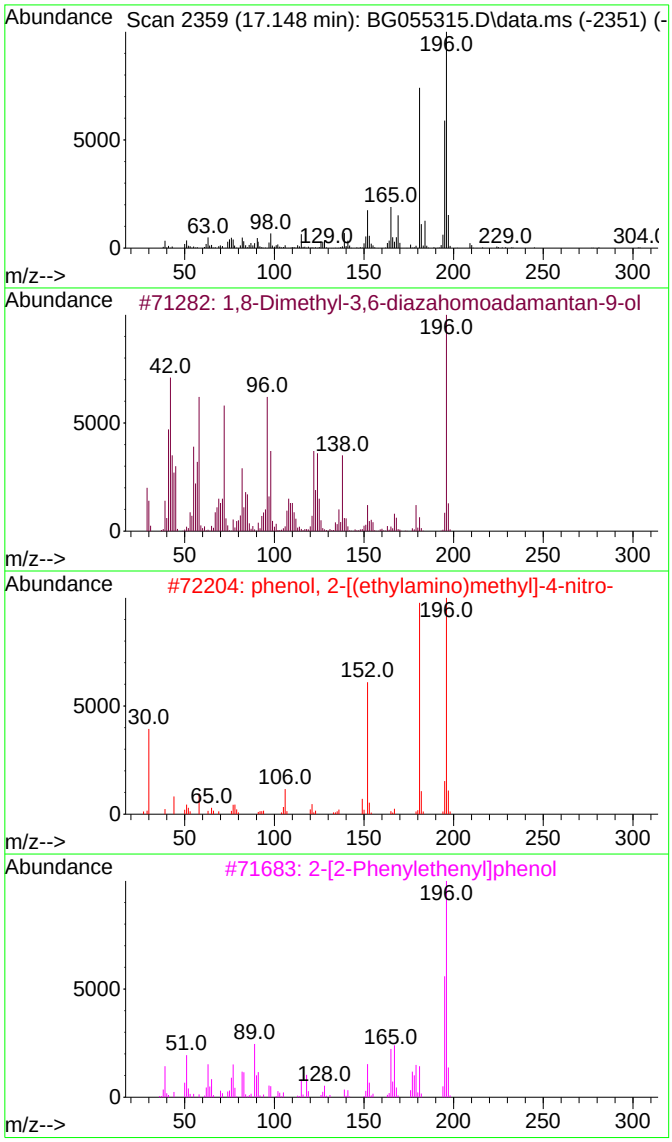
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

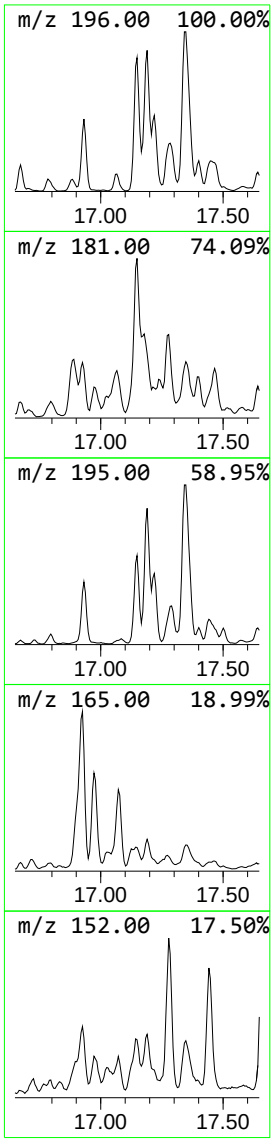
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,8-Dimethyl-3,6-diazahomoa... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.148	22.83 ng	665681	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Dimethyl-3,6-diazahomoadaman...	196	C11H20N2O	1000216-22-8	64
2	phenol, 2-[(ethylamino)methyl]-4...	196	C9H12N2O3	1000400-09-7	62
3	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	60
4	4,5-Dimethoxy-2-hydroxyacetophenone	196	C10H12O4	020628-06-2	58
5	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	55





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Acq On : 27 Oct 2022 2:12
Operator : CG/JU
Sample : N5269-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-102422

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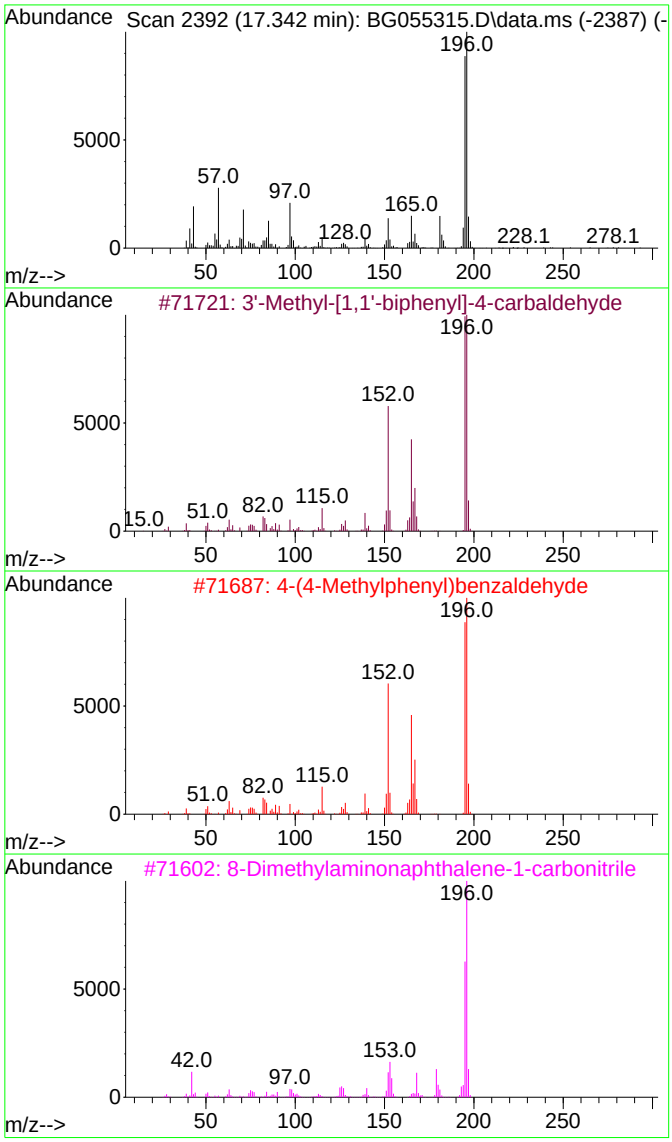
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

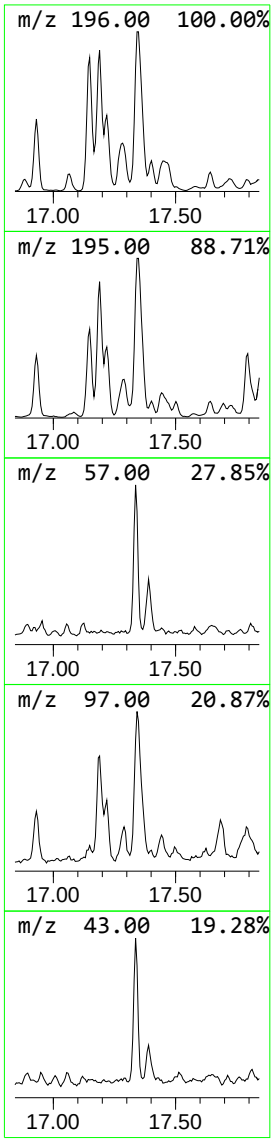
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.342	26.63 ng	776319	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	81
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	81
3	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72
4	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	72
5	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	50





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
SU-03-102422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

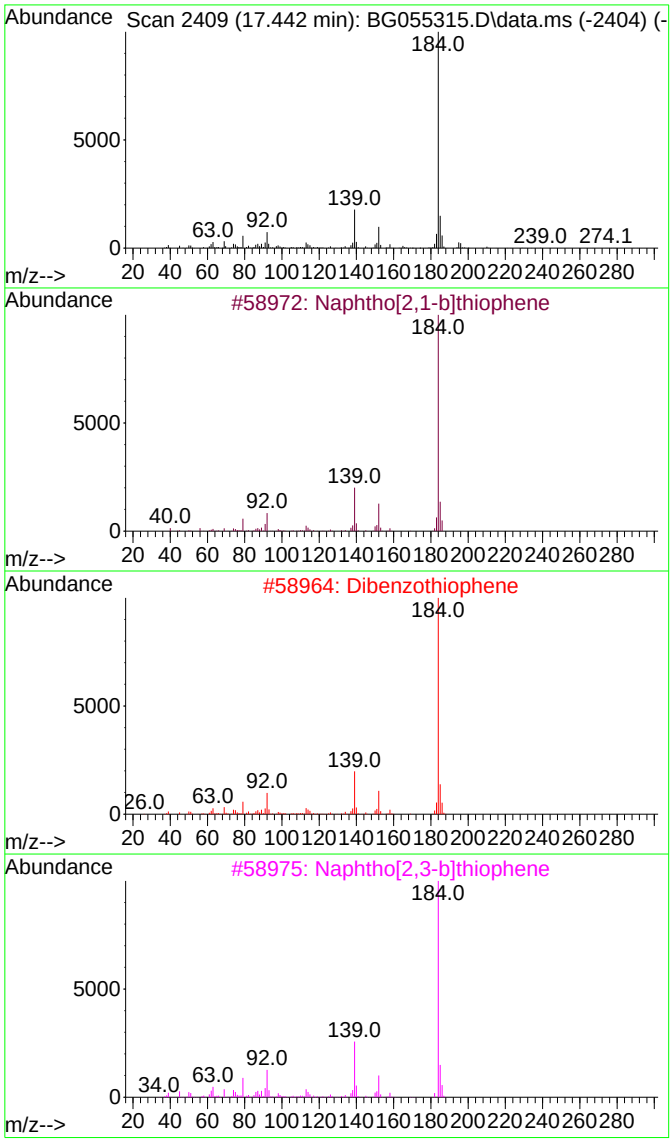
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

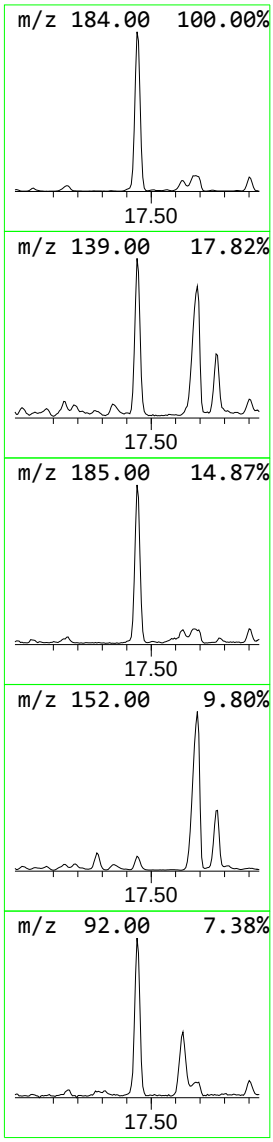
****

Peak Number 7 Naphtho[2,1-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.442	36.81 ng	1073350	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-102422

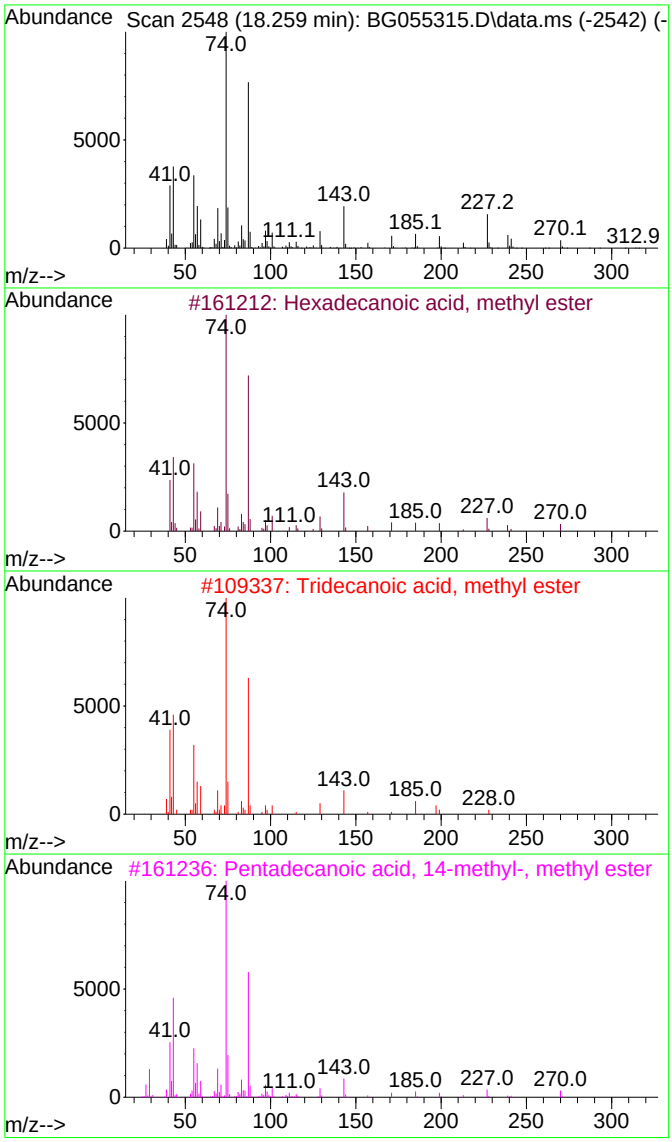
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

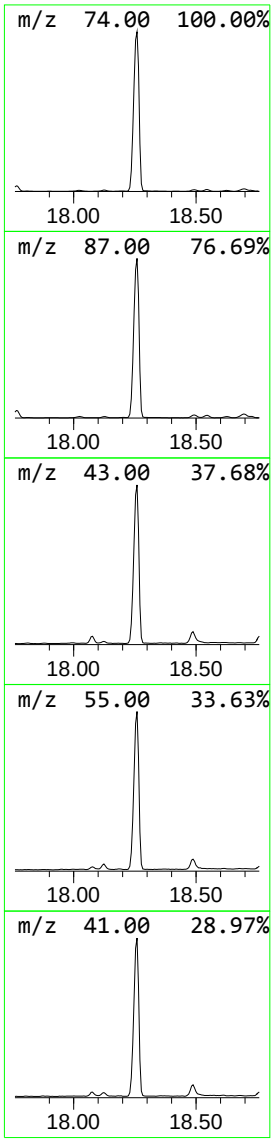
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.259	256.89 ng	7489730	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	83





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-102422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

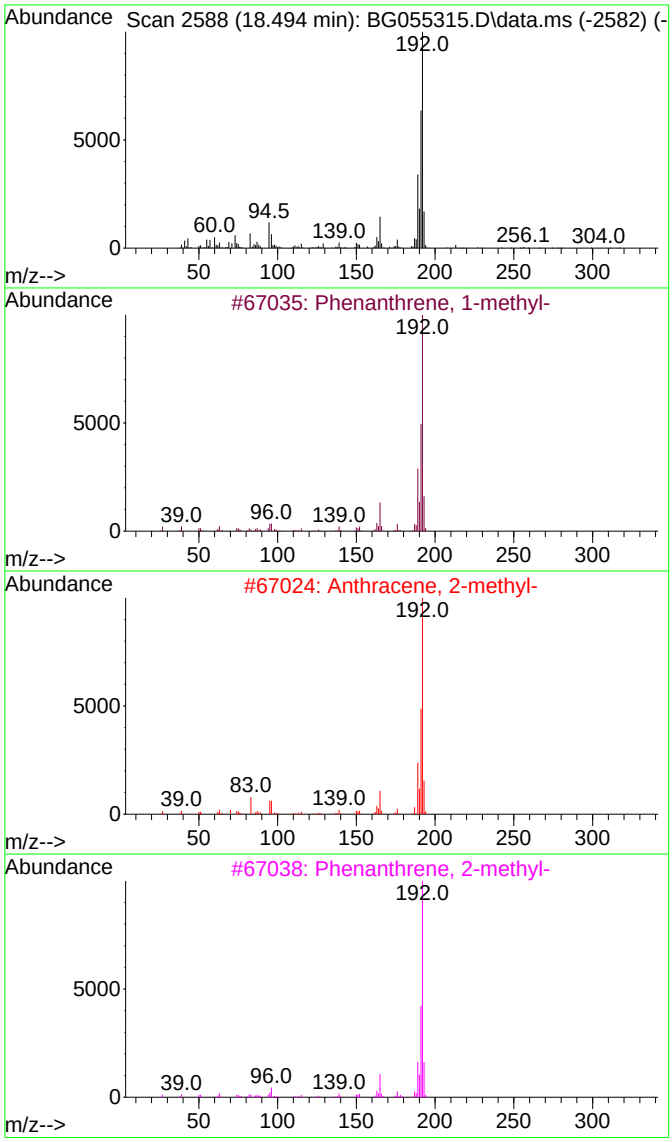
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

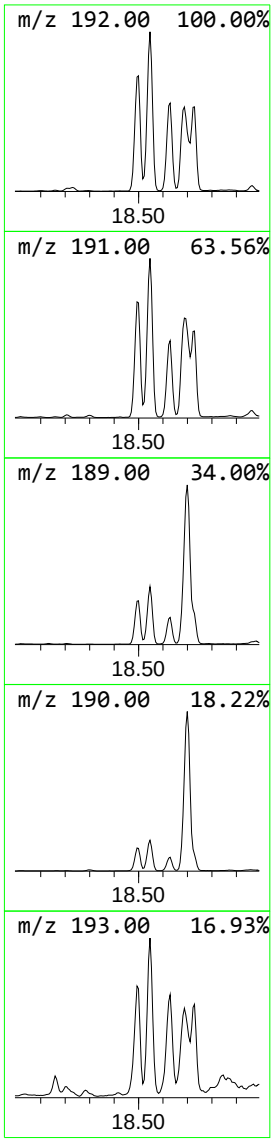
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.494	89.63 ng	2613200	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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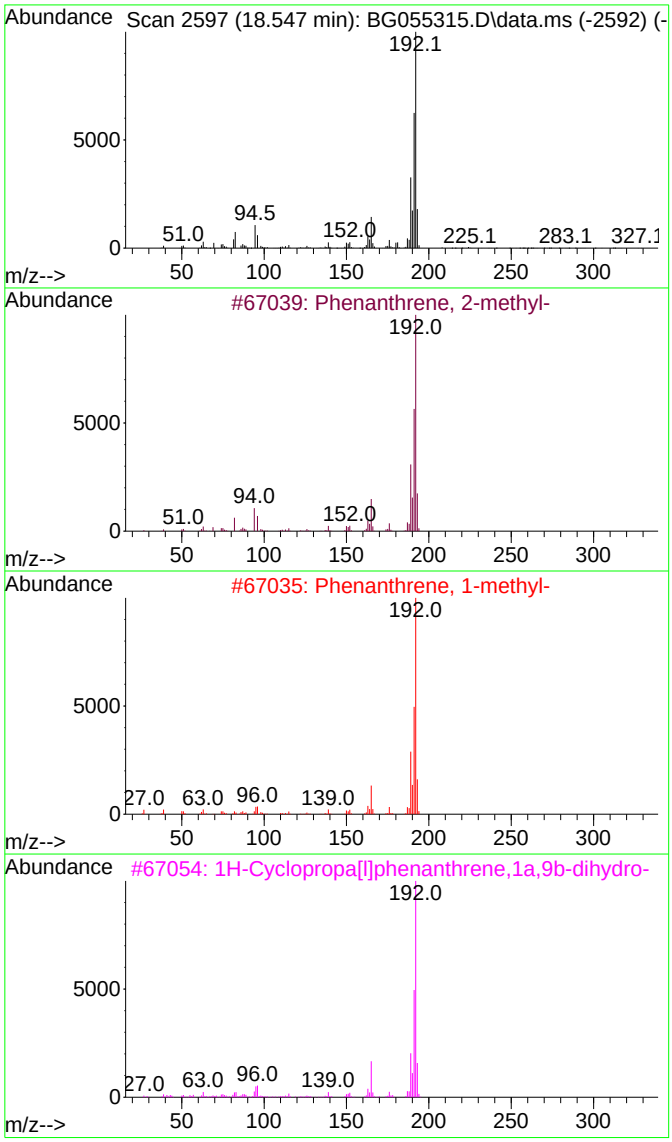
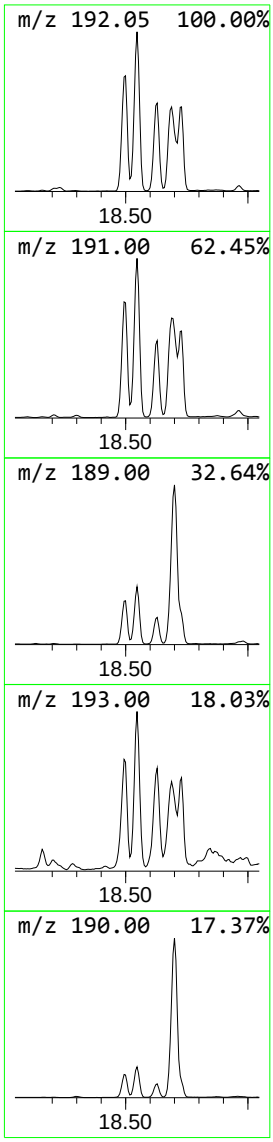
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.547	105.78 ng	3084200	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

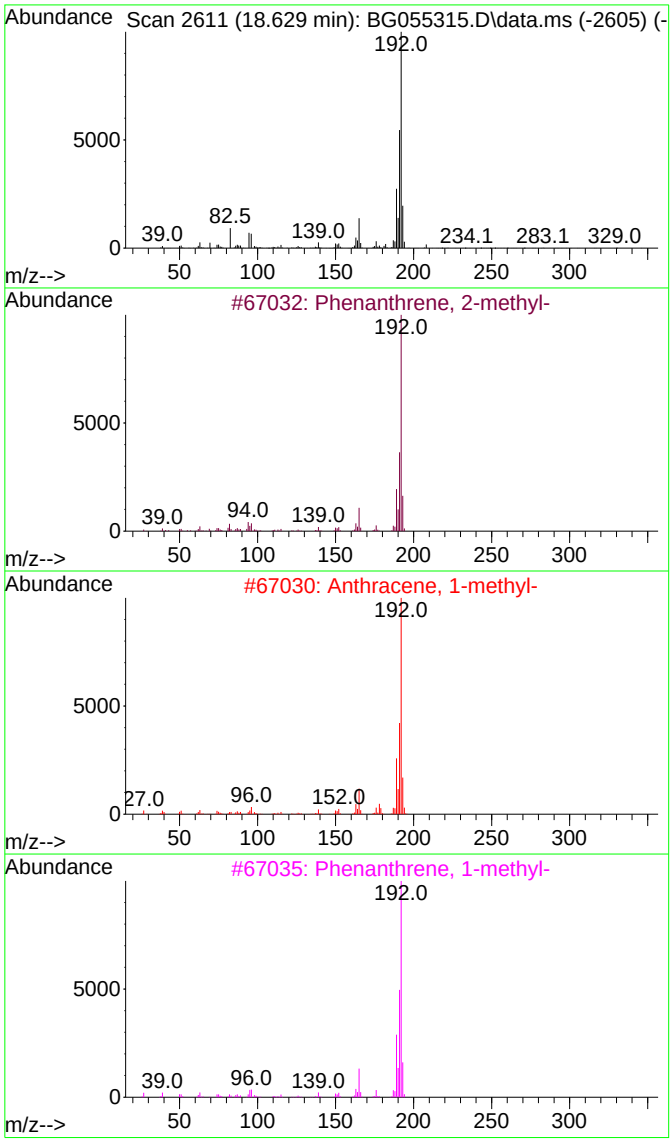
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

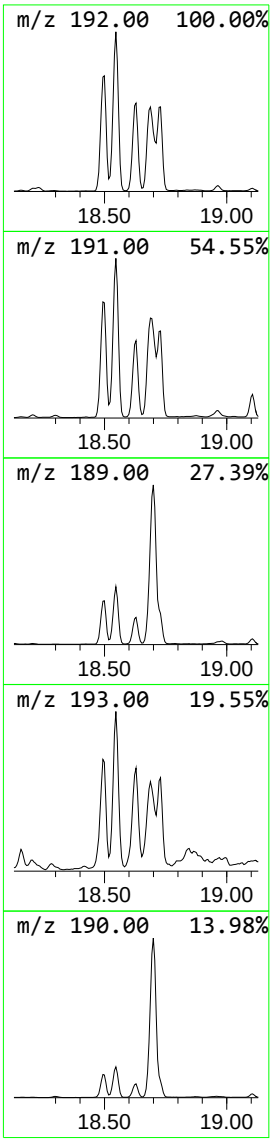
****

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.629	53.35 ng	1555460	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Sample : N5269-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-102422

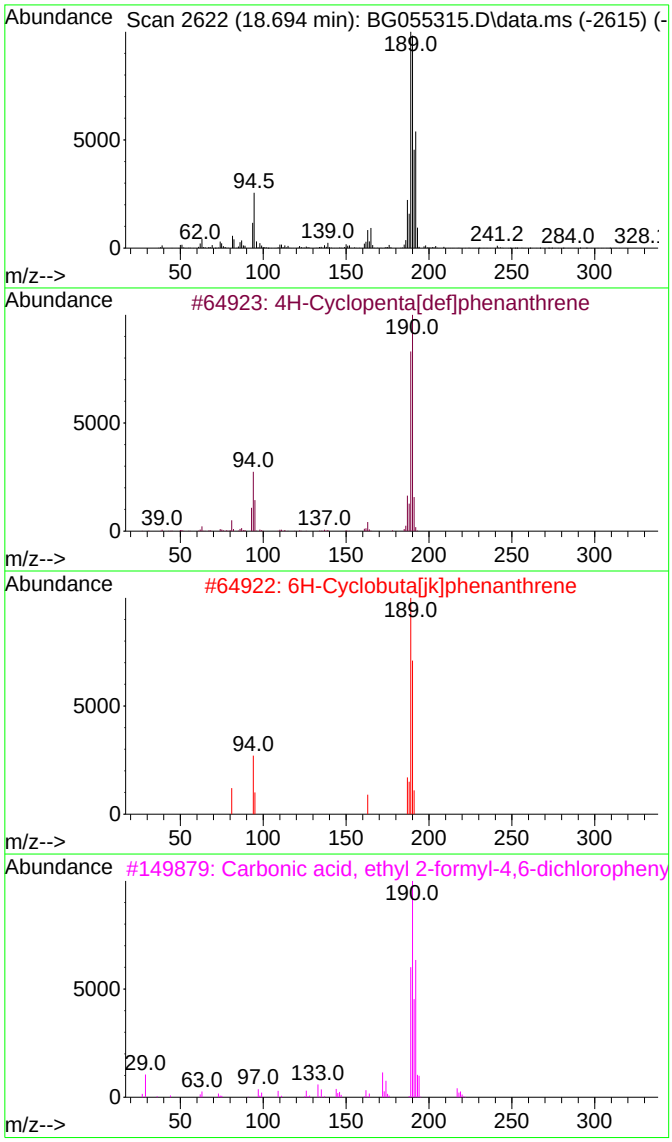
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

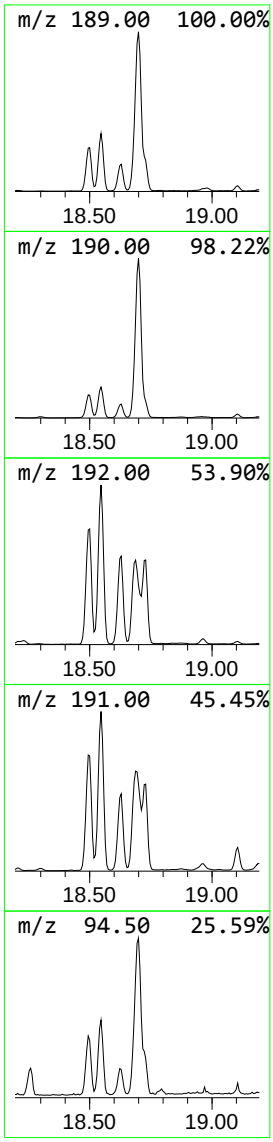
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.694	169.96 ng	4955360	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

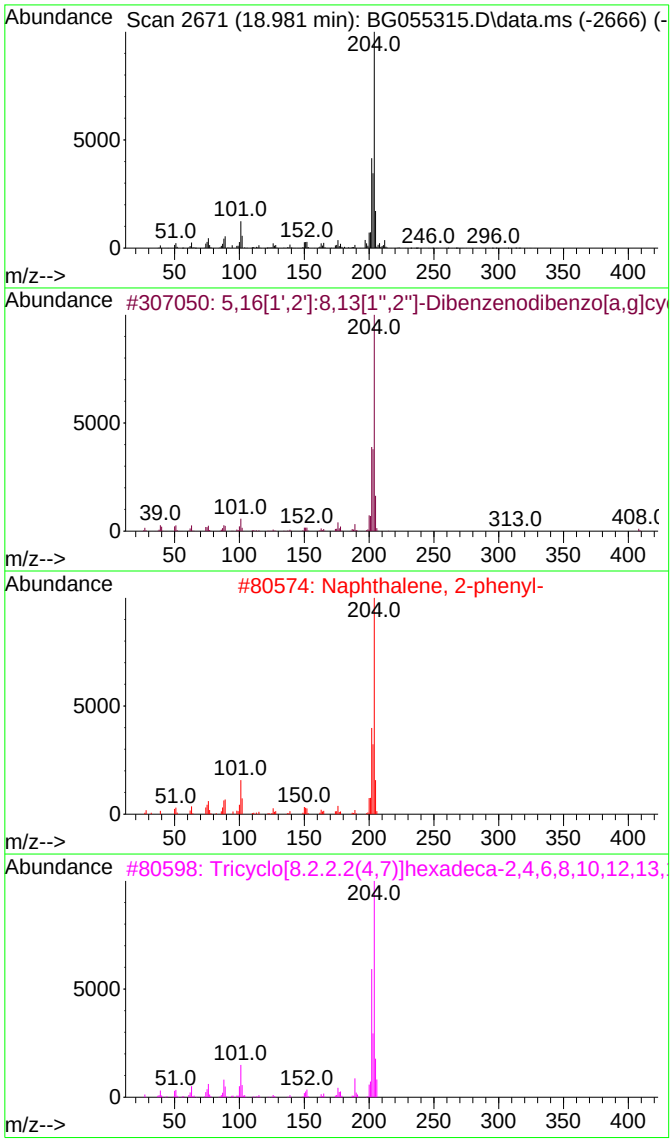
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

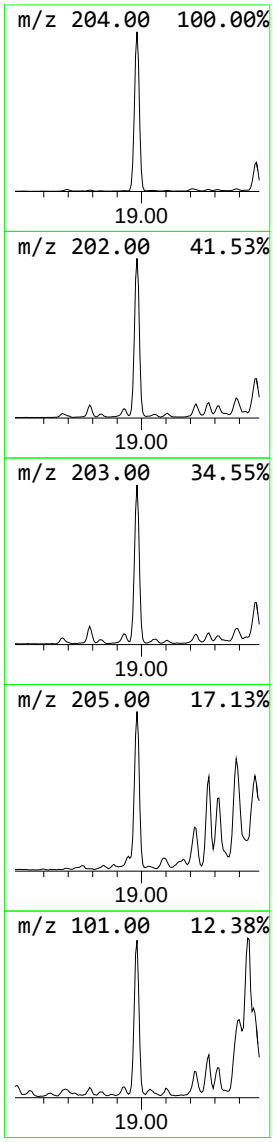
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.982	62.13 ng	1811370	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49





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

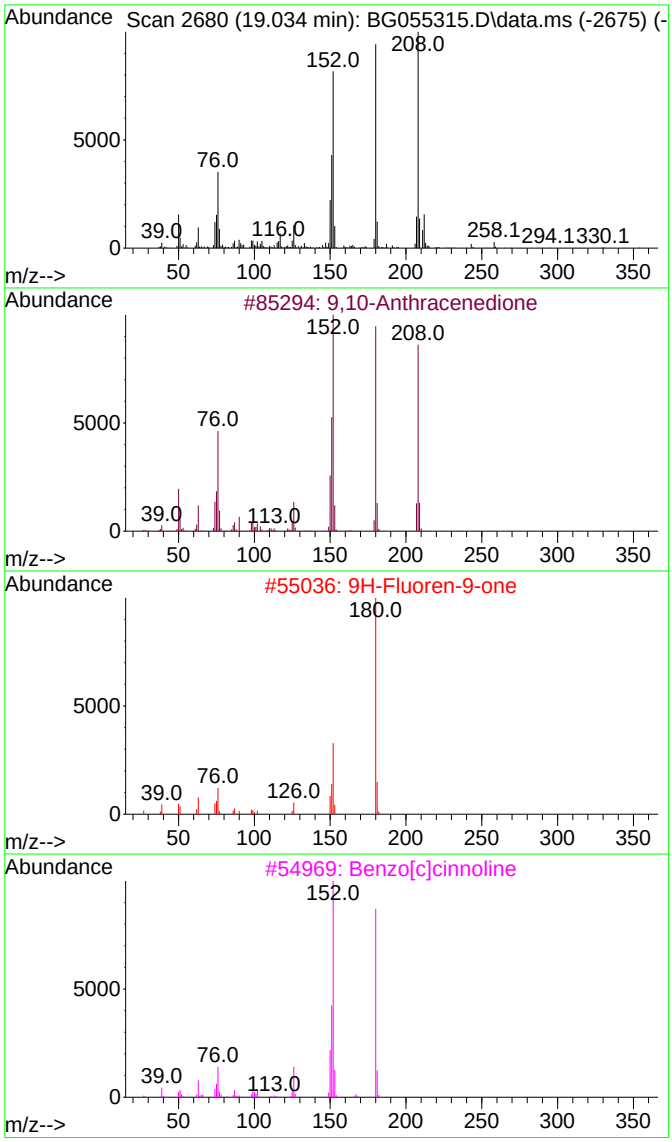
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

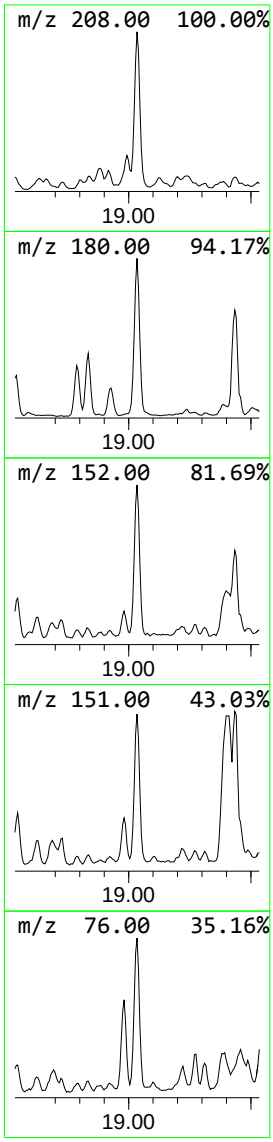
****

Peak Number 14 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.034	31.00 ng	903867	Phenanthrene-d10	17.630

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	90
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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

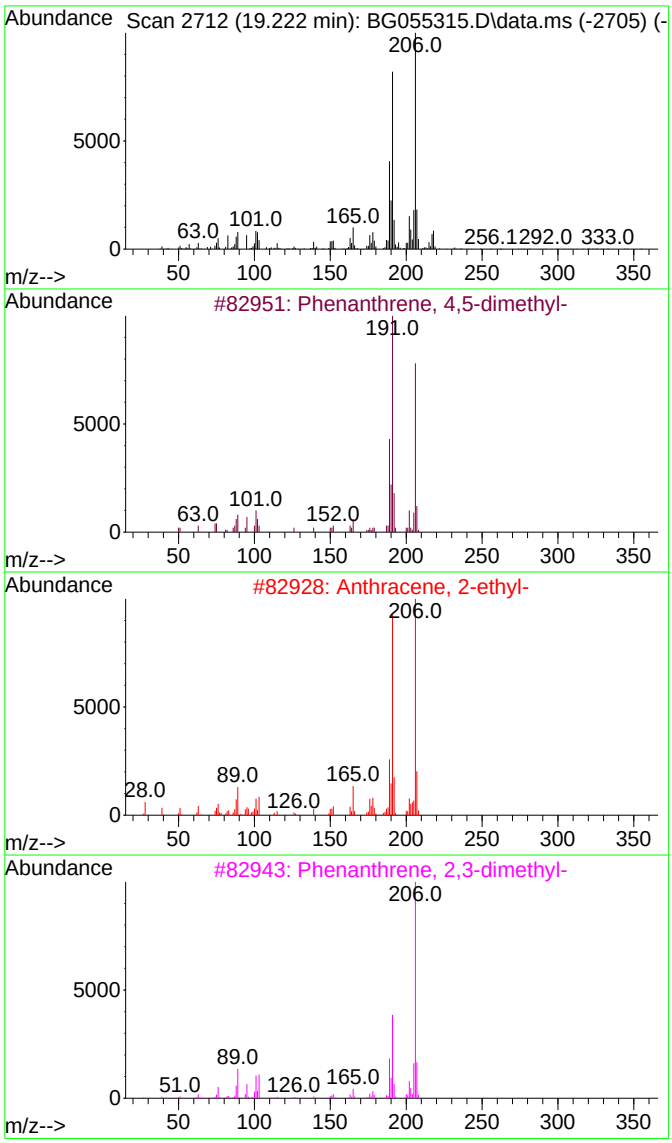
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

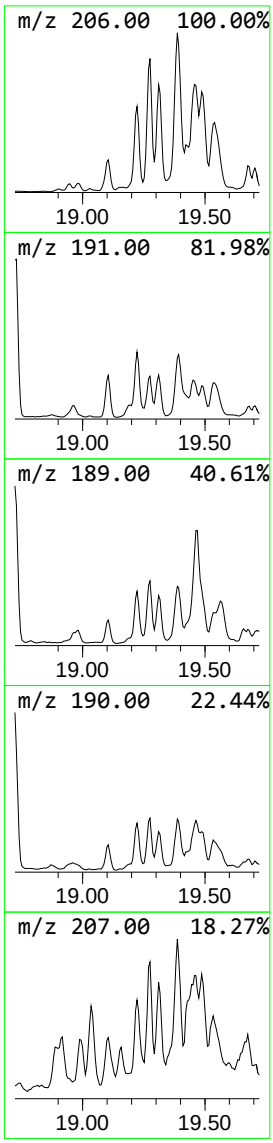
****

Peak Number 15 Phenanthrene, 4,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.222	26.21 ng	764073	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	96
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	94
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	89





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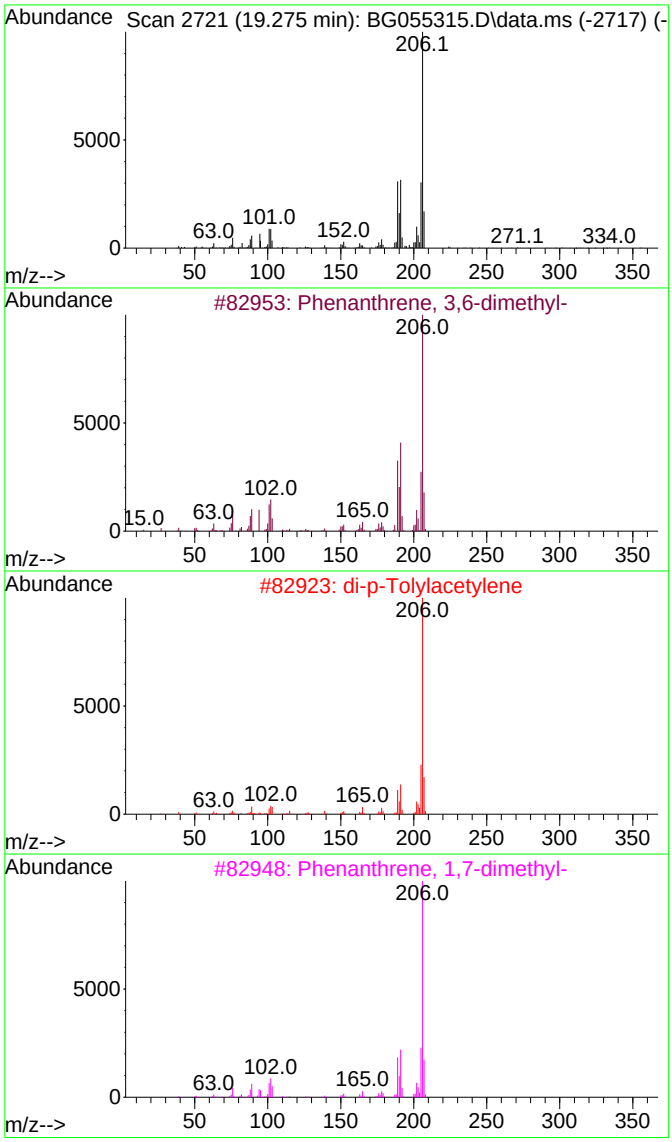
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

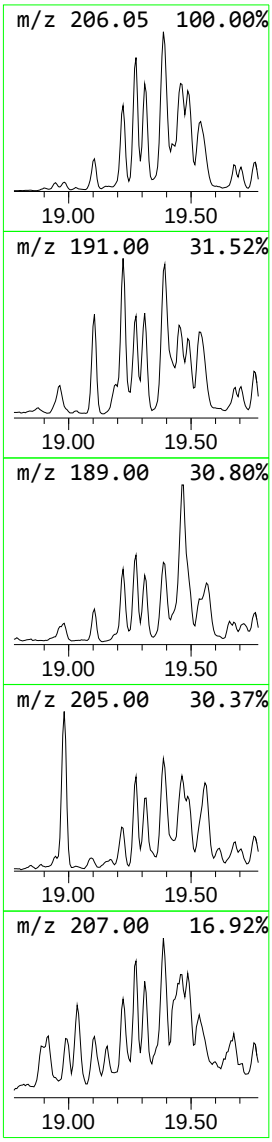
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.275	18.43 ng	537377	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055315.D
Acq On : 27 Oct 2022 2:12
Operator : CG/JU
Sample : N5269-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-102422

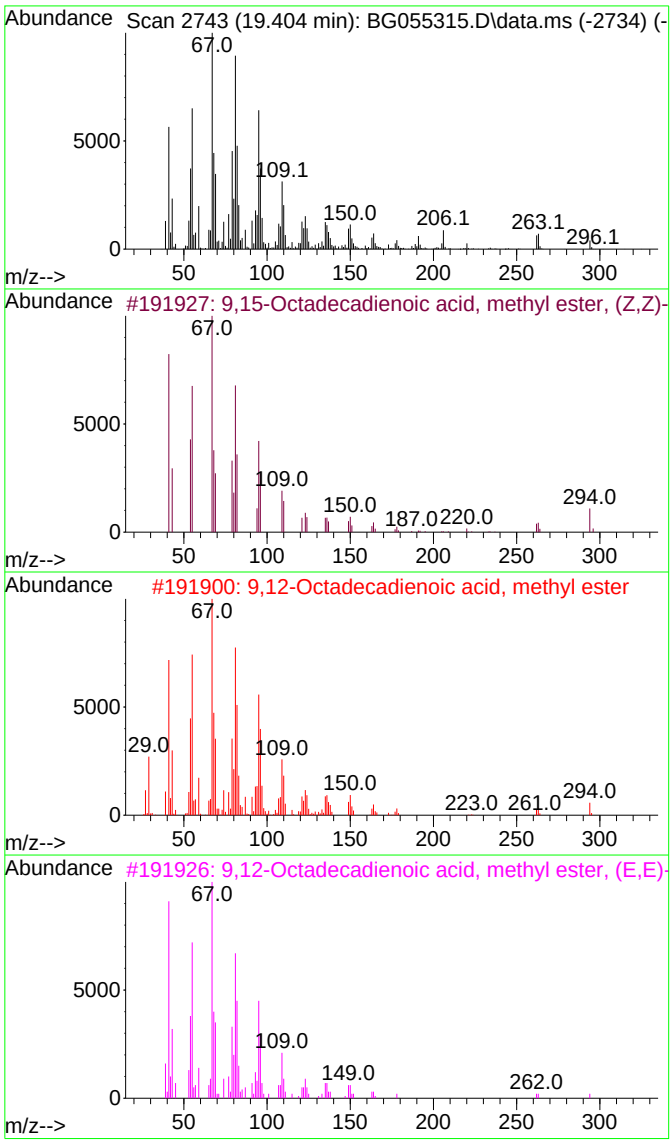
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

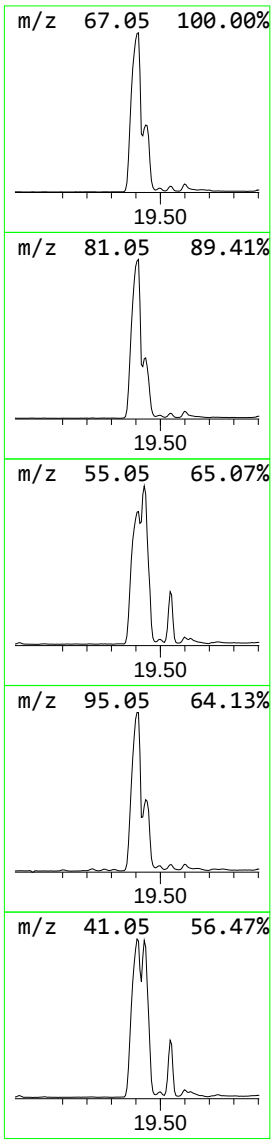
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,15-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.404	806.92 ng	23526200	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





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Data File : BG055315.D
Acq On : 27 Oct 2022 2:12
Operator : CG/JU
Sample : N5269-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-102422

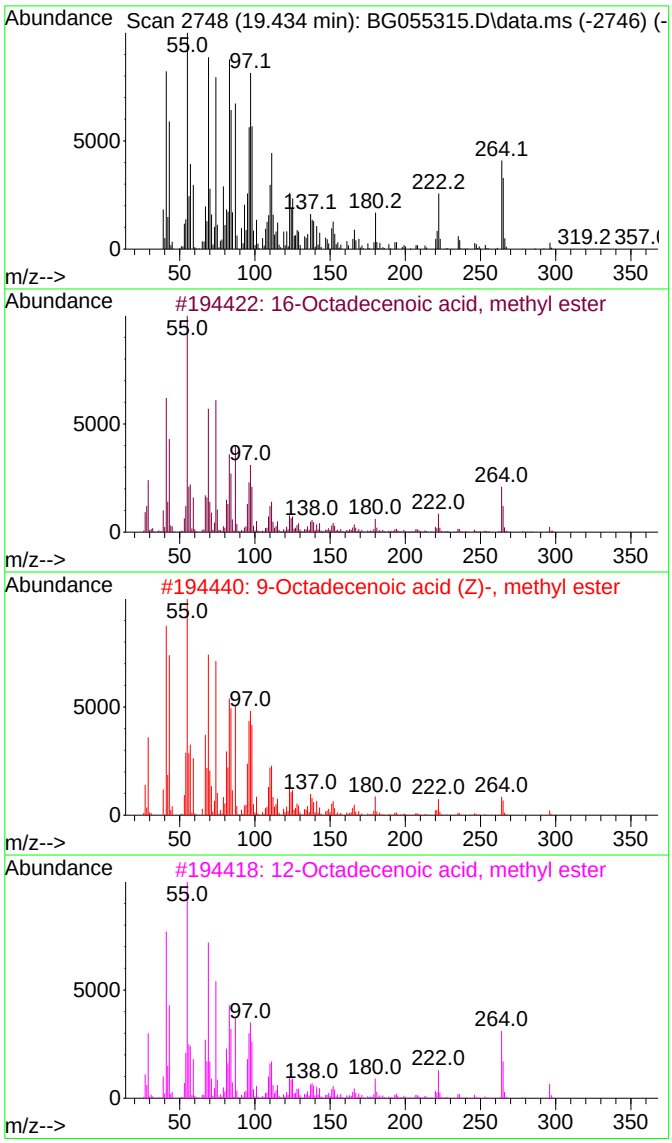
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

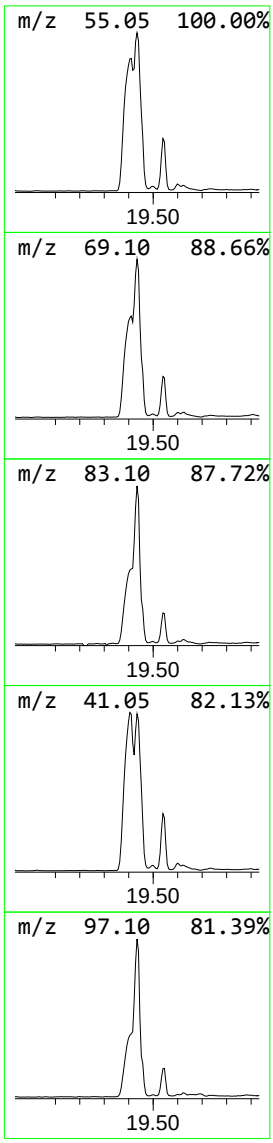
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.434	468.43 ng	13657200	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	94
4	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	92
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	91





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Data File : BG055315.D
Acq On : 27 Oct 2022 2:12
Operator : CG/JU
Sample : N5269-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-102422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

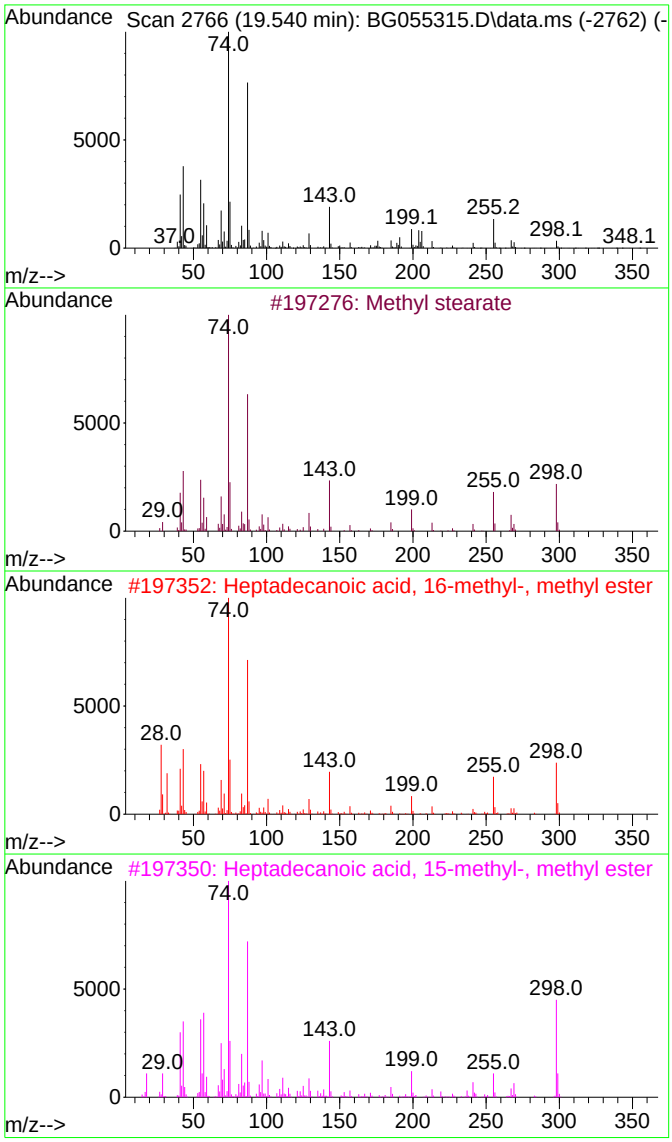
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

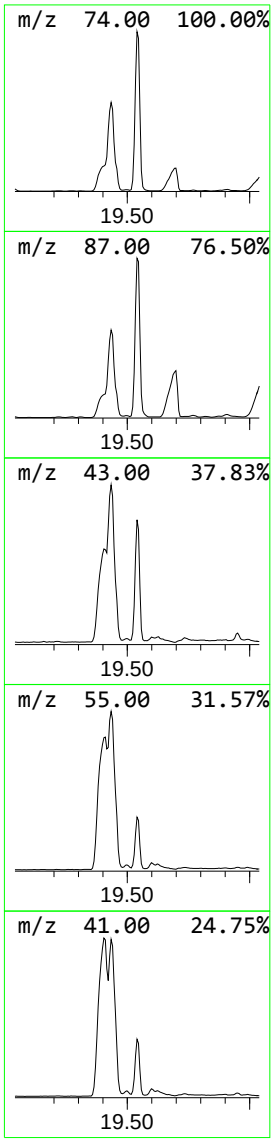
****

Peak Number 19 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.540	176.32 ng	5140600	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	95
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	83
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	80





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Data File : BG055315.D
Acq On : 27 Oct 2022 2:12
Operator : CG/JU
Sample : N5269-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-102422

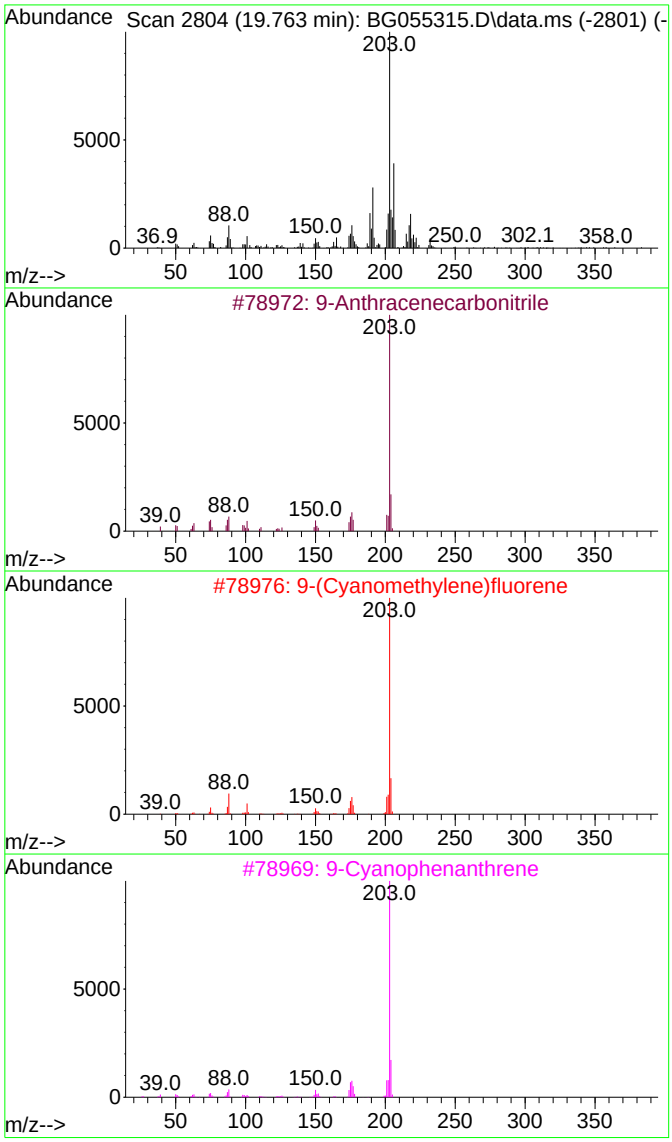
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

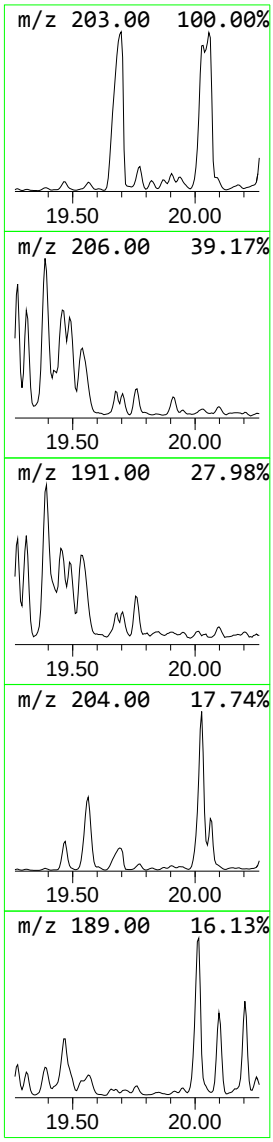
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 9-Anthracenecarbonitrile Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.763	22.83 ng	665556	Phenanthrene-d10	17.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	86
2	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	84
3	9-Cyanophenanthrene	203	C15H9N	002510-55-6	83
4	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	60
5	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	52





Tentatively Identified Compound (LSC) summary

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Data File : BG055315.D
Acq On : 27 Oct 2022 2:12
Operator : CG/JU
Sample : N5269-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-102422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
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
Naphthalene, 1,...	14.064	19.4	ng	535255	3	14.886	550370	20.0
Naphthalene, 2,...	14.211	20.3	ng	559619	3	14.886	550370	20.0
[1,1'-Biphenyl]...	16.214	26.2	ng	721011	3	14.886	550370	20.0
9H-Fluorene, 2-...	16.925	36.0	ng	1048360	4	17.630	583111	20.0
1,8-Dimethyl-3,...	17.148	22.8	ng	665681	4	17.630	583111	20.0
3'-Methyl-[1,1'...	17.342	26.6	ng	776319	4	17.630	583111	20.0
Naphtho[2,1-b]t...	17.442	36.8	ng	1073350	4	17.630	583111	20.0
Hexadecanoic ac...	18.259	256.9	ng	7489730	4	17.630	583111	20.0
Phenanthrene, 1...	18.494	89.6	ng	2613200	4	17.630	583111	20.0
Phenanthrene, 2...	18.547	105.8	ng	3084200	4	17.630	583111	20.0
Anthracene, 1-m...	18.629	53.4	ng	1555460	4	17.630	583111	20.0
4H-Cyclopenta[d...	18.694	170.0	ng	4955360	4	17.630	583111	20.0
5,16[1',2']:8,1...	18.982	62.1	ng	1811370	4	17.630	583111	20.0
9,10-Anthracene...	19.034	31.0	ng	903867	4	17.630	583111	20.0
Phenanthrene, 4...	19.222	26.2	ng	764073	4	17.630	583111	20.0
Phenanthrene, 3...	19.275	18.4	ng	537377	4	17.630	583111	20.0
9,15-Octadecadi...	19.404	806.9	ng	23526200	4	17.630	583111	20.0
16-Octadecenoic...	19.434	468.4	ng	13657200	4	17.630	583111	20.0
Methyl stearate	19.540	176.3	ng	5140600	4	17.630	583111	20.0
9-Anthracenecar...	19.763	22.8	ng	665556	4	17.630	583111	20.0