LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053041.D
Acq On : 5 Apr 2022 21:08
Operator : CG/JU
Sample : N2237-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A01015

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053041.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.687	385	391	402	rBV	566901	956138	43.18%	3.588%
2	7.279	654	662	673	rBV	629786	1096345	49.52%	4.115%
3	8.125	798	806	813	rBV	157254	278540	12.58%	1.045%
4	9.288	995	1004	1014	rBV	411889	747284	33.75%	2.805%
5	10.939	1275	1285	1291	rBV	205552	387418	17.50%	1.454%
6	10.986	1291	1293	1301	rVB2	21771	33445	1.51%	0.126%
7	13.371	1692	1699	1710	rBV	1027901	1572278	71.01%	5.901%
8	14.470	1880	1886	1893	rBV3	12213	26141	1.18%	0.098%
9	14.746	1925	1933	1939	rBV	325023	527250	23.81%	1.979%
10	14.810	1939	1944	1950	rVB	30283	50914	2.30%	0.191%
11	15.139	1994	2000	2008	rBV	36709	54875	2.48%	0.206%
12	15.786	2105	2110	2120	rVB	54005	88745	4.01%	0.333%
13	16.079	2156	2160	2167	rVB2	18224	29931	1.35%	0.112%
14	16.226	2179	2185	2194	rBV	735937	1170711	52.87%	4.394%
15	16.790	2276	2281	2286	rVB3	14112	24638	1.11%	0.092%
16	17.137	2334	2340	2348	rVB	35993	58518	2.64%	0.220%
17	17.236	2348	2357	2363	rBV6	28558	66127	2.99%	0.248%
18	17.307	2363	2369	2374	rVB2	30701	49985	2.26%	0.188%
19	17.489	2392	2400	2403	rBV	407762	636019	28.73%	2.387%
20	17.530	2403	2407	2414	rVV	642493	970923	43.85%	3.644%
21	17.618	2414	2422	2427	rVV	106554	182266	8.23%	0.684%
22	17.677	2427	2432	2437	rVB3	12940	23719	1.07%	0.089%
23	17.883	2457	2467	2473	rBV2	74398	140880	6.36%	0.529%
24	18.364	2544	2549	2553	rBV	113671	170849	7.72%	0.641%
25	18.411	2553	2557	2565	rVB	135508	209221	9.45%	0.785%
26	18.494	2565	2571	2575	rBV	38714	66302	2.99%	0.249%
27	18.564	2575	2583	2586	rBV2	118623	249613	11.27%	0.937%
28	18.594	2586	2588	2594	rVB2	67942	80183	3.62%	0.301%
29	18.658	2594	2599	2603	rBV5	21627	36427	1.65%	0.137%
30	18.858	2627	2633	2636	rVV	73049	114176	5.16%	0.429%
31	18.893	2636	2639	2647	rVB	76665	110496	4.99%	0.415%
32	19.105	2671	2675	2679	rVB3	24028	32301	1.46%	0.121%
33	19.152	2679	2683	2686	rVV2	21653	31096	1.40%	0.117%
34	19.193	2686	2690	2693	rVB3	24206	31965	1.44%	0.120%
35	19.275	2698	2704	2710	rBV2	61314	118453	5.35%	0.445%
36	19.334	2710	2714	2718	rBV4	22849	41984	1.90%	0.158%

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A01015

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.410	2723	2727	2735	rVB	59361	95570	4.32%	0.359%
38	19.539	2742	2749	2754	rVB	1095338	1592027	71.90%	5.975%
39	19.592	2754	2758	2761	rBV	18234	27388	1.24%	0.103%
40	19.633	2761	2765	2771	rVB4	30251	41434	1.87%	0.156%
41	19.721	2776	2780	2785	rBV6	20821	31087	1.40%	0.117%
42	19.780	2786	2790	2794	rVB	36347	45506	2.06%	0.171%
43	19.868	2799	2805	2806	rBV	205812	301692	13.63%	1.132%
44	19.898	2806	2810	2817	rVB	872976	1298654	58.65%	4.874%
45	19.962	2817	2821	2828	rVB2	62677	107251	4.84%	0.403%
46	20.091	2835	2843	2848	rBV	1631569	2214119	100.00%	8.310%
47	20.133	2848	2850	2856	rVB2	39414	53897	2.43%	0.202%
48	20.215	2858	2864	2866	rBV3	75776	145347	6.56%	0.545%
49	20.274	2871	2874	2877	rVB	19070	22754	1.03%	0.085%
50	20.385	2881	2893	2898	rBV2	154088	353233	15.95%	1.326%
51	20.485	2903	2910	2914	rBV	90701	139925	6.32%	0.525%
52	20.544	2914	2920	2924	rVV2	93234	169857	7.67%	0.637%
53	20.585	2924	2927	2930	rVB	44756	51400	2.32%	0.193%
54	20.620	2930	2933	2938	rVB3	21247	33261	1.50%	0.125%
55	20.685	2940	2944	2947	rBV2	57758	77191	3.49%	0.290%
56	20.732	2948	2952	2955	rVB	48215	65662	2.97%	0.246%
57	20.832	2965	2969	2975	rVB9	16983	40089	1.81%	0.150%
58	20.979	2991	2994	2998	rVV6	20753	32345	1.46%	0.121%
59	21.155	3019	3024	3031	rVB	112285	180516	8.15%	0.677%
60	21.343	3048	3056	3060	rBV2	87911	215524	9.73%	0.809%
61	21.396	3060	3065	3069	rVV2	178062	340246	15.37%	1.277%
62	21.443	3069	3073	3077	rVV2	105323	205948	9.30%	0.773%
63	21.490	3077	3081	3090	rVB2	125747	221071	9.98%	0.830%
64	21.760	3119	3127	3133	rBV3	603640	1639940	74.07%	6.155%
65	21.819	3133	3137	3150	rVB	449733	822684	37.16%	3.088%
66	21.977	3159	3164	3171	rBV2	67308	129473	5.85%	0.486%
67	22.112	3184	3187	3192	rVB	43768	73268	3.31%	0.275%
68	22.183	3194	3199	3207	rVV3	72461	136493	6.16%	0.512%
69	22.253	3207	3211	3216	rBV7	20594	36037	1.63%	0.135%
70	22.441	3238	3243	3247	rBV3	23220	37910	1.71%	0.142%
71	22.518	3249	3256	3261	rVV2	82085	198646	8.97%	0.746%
72	22.594	3263	3269	3276	rVB	68600	149094	6.73%	0.560%
73	22.682	3281	3284	3289	rVB4	19075	32365	1.46%	0.121%
74	22.735	3289	3293	3298	rVB6	22736	37928	1.71%	0.142%
75	22.800	3298	3304	3308	rBV4	43848	93702	4.23%	0.352%
76	22.941	3322	3328	3335	rBV4	33348	80079	3.62%	0.301%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053041.D
Acq On : 5 Apr 2022 21:08
Operator : CG/JU
Sample : N2237-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A01015

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.193	3365	3371	3375	rBV7	23863	57101	2.58%	0.214%
78	24.027	3503	3513	3520	rBV	326047	1088652	49.17%	4.086%
79	24.204	3539	3543	3550	rVB6	11961	28687	1.30%	0.108%
80	24.280	3550	3556	3565	rBV2	52810	130536	5.90%	0.490%
81	24.497	3587	3593	3598	rBV6	28763	67339	3.04%	0.253%
82	24.767	3631	3639	3652	rVB2	185735	557491	25.18%	2.092%
83	24.914	3653	3664	3678	rVB	248111	737385	33.30%	2.767%
84	25.073	3681	3691	3699	rBV2	235746	755186	34.11%	2.834%
85	28.833	4320	4331	4354	rVB3	114155	617894	27.91%	2.319%
86	29.050	4361	4368	4370	rBV8	11175	24044	1.09%	0.090%
87	29.332	4408	4416	4423	rBV5	20656	68902	3.11%	0.259%
88	29.485	4430	4442	4451	rBV5	25713	114822	5.19%	0.431%
89	30.013	4519	4532	4546	rBV3	77573	360321	16.27%	1.352%

Sum of corrected areas: 26645129

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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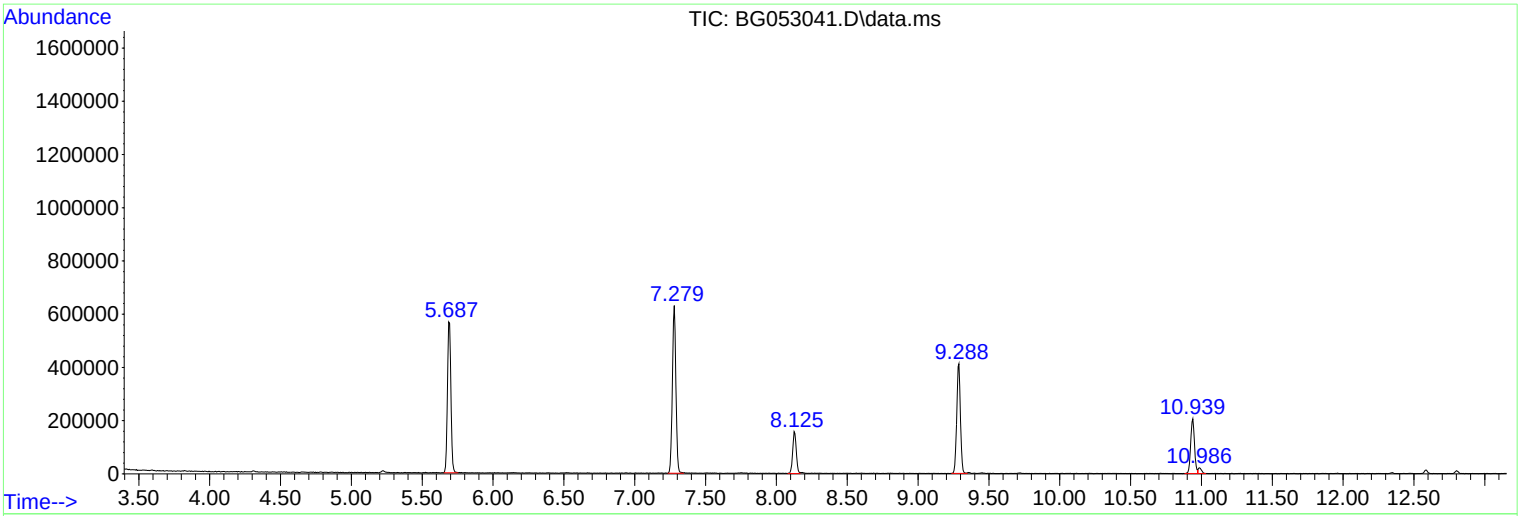
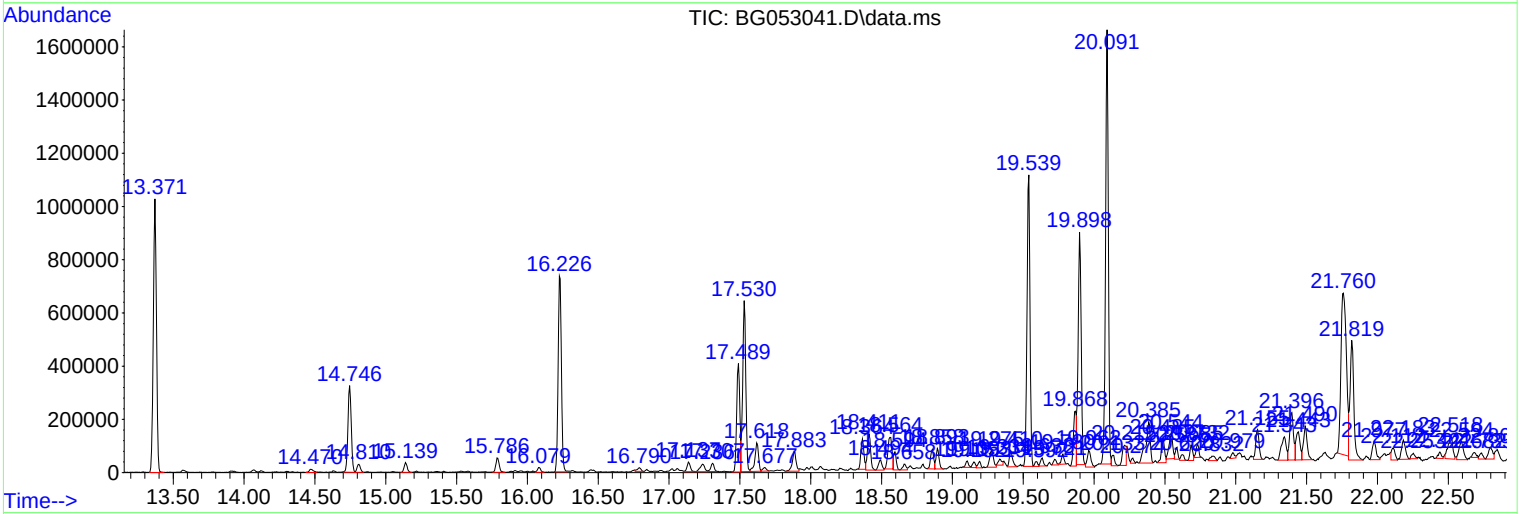
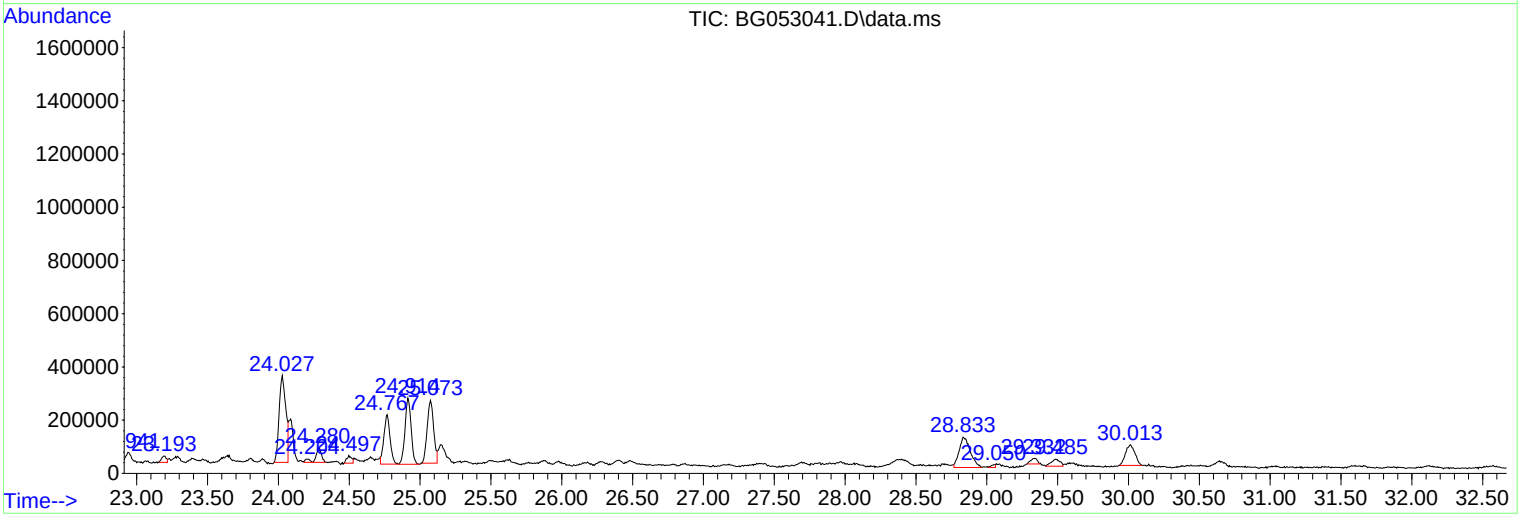
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053041.D
Acq On : 5 Apr 2022 21:08
Operator : CG/JU
Sample : N2237-06
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Instrument :
BNA_G
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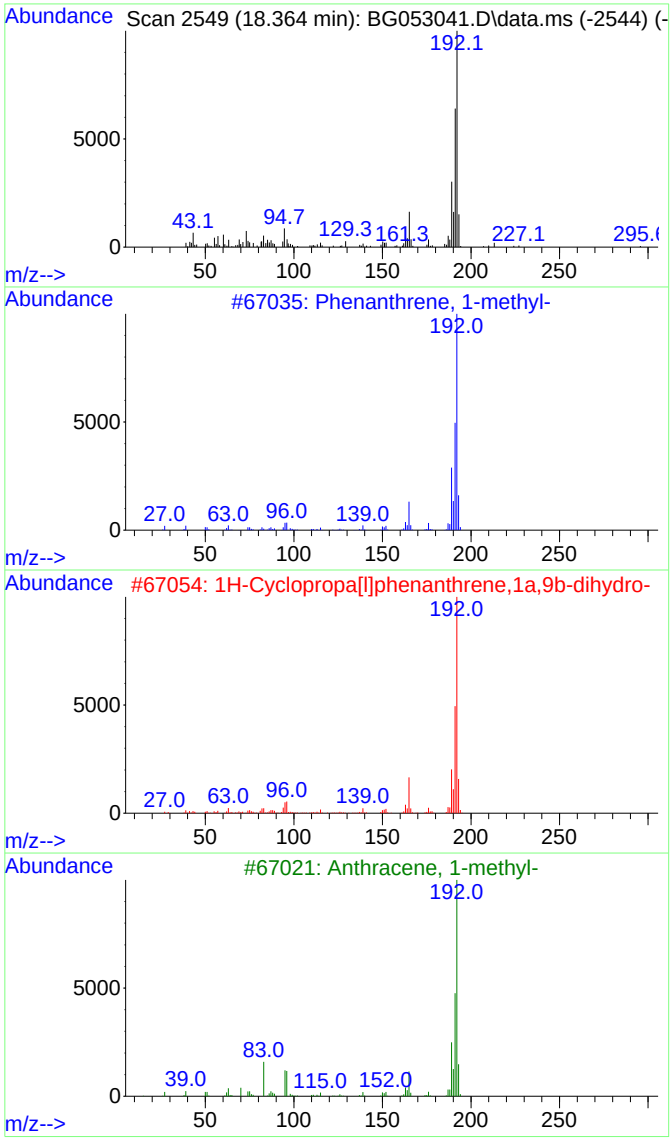
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

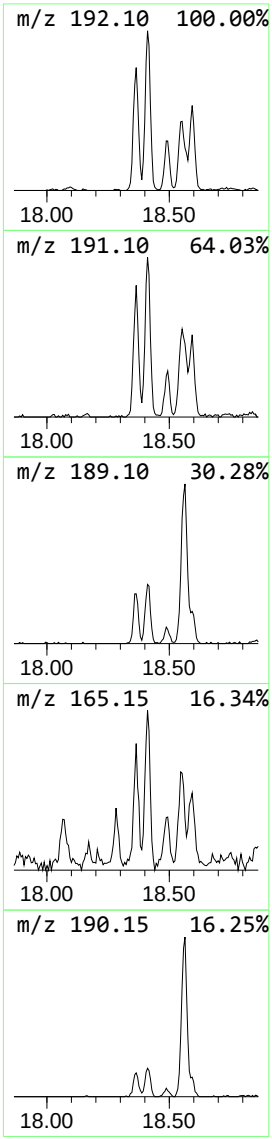
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.364	5.37 ng	170849	Phenanthrene-d10	17.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053041.D
Acq On : 5 Apr 2022 21:08
Operator : CG/JU
Sample : N2237-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A01015

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

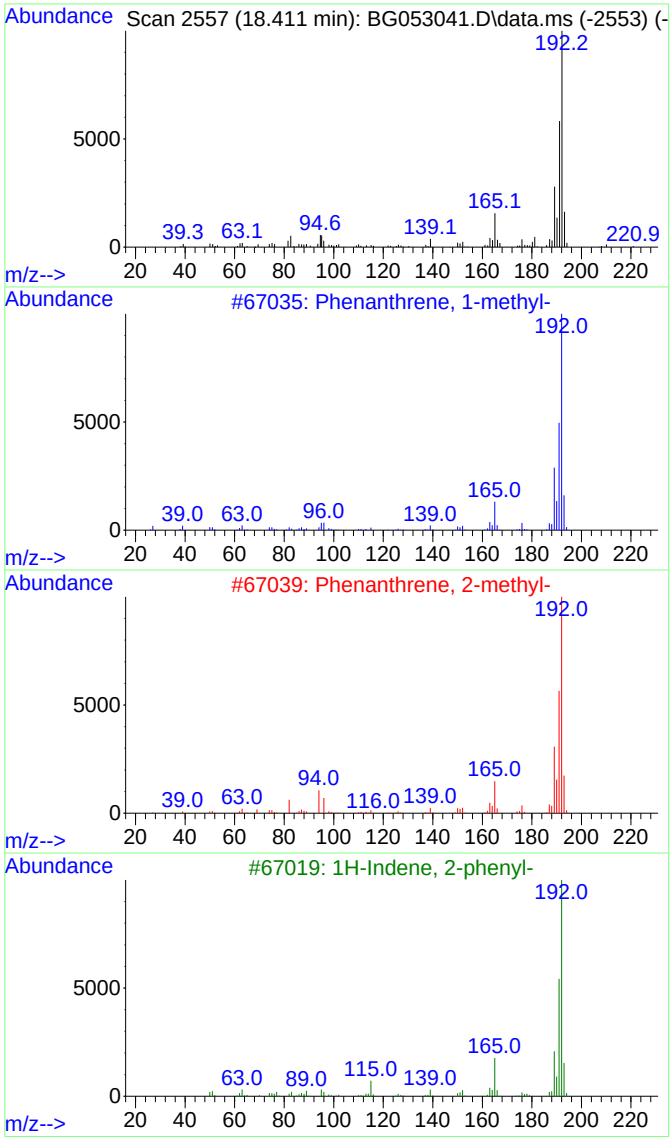
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

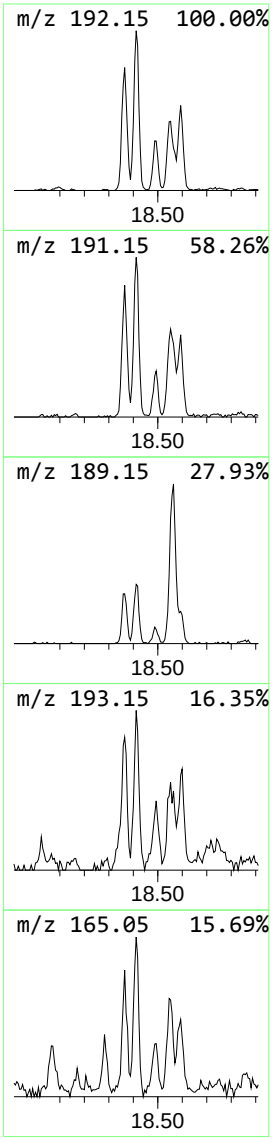
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.411	6.58 ng	209221	Phenanthrene-d10	17.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053041.D
Acq On : 5 Apr 2022 21:08
Operator : CG/JU
Sample : N2237-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A01015

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

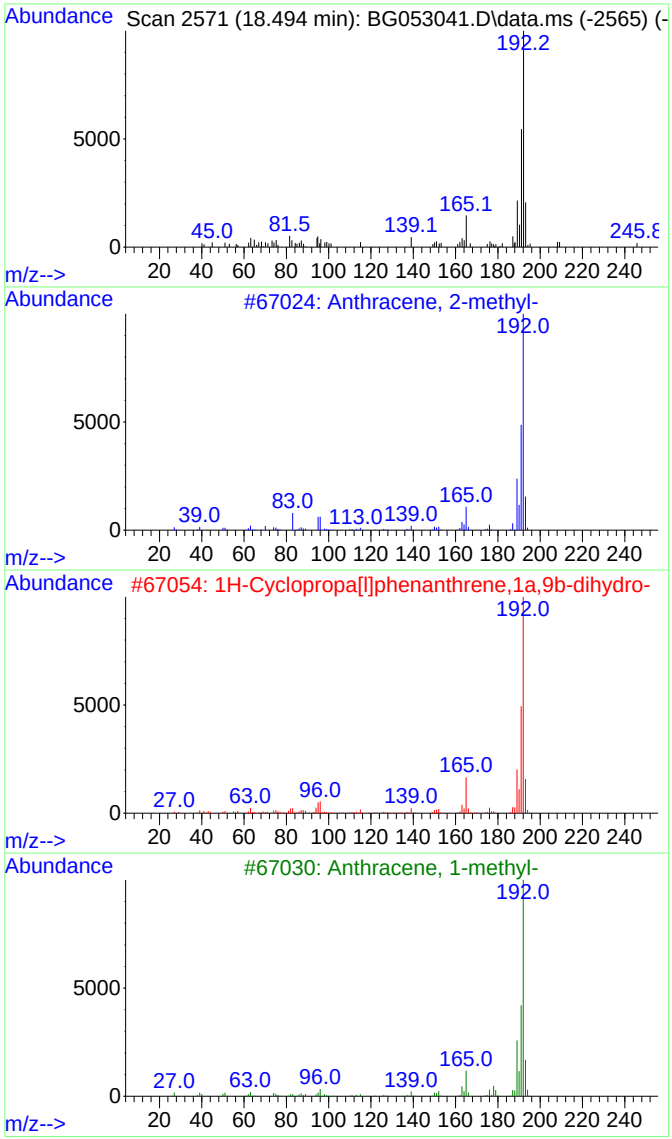
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

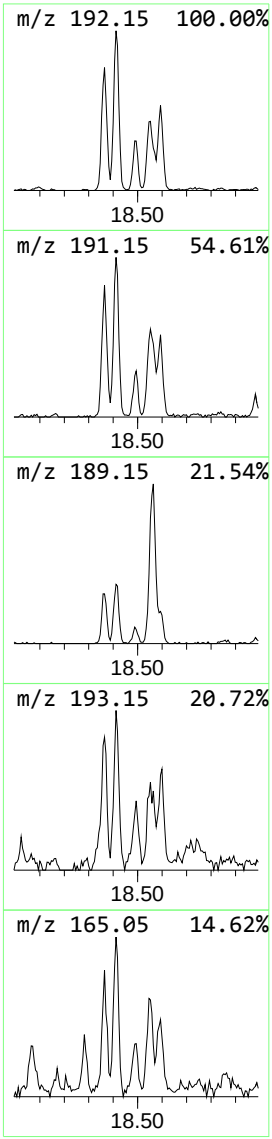
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.494	2.08 ng	66302	Phenanthrene-d10	17.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053041.D
Acq On : 5 Apr 2022 21:08
Operator : CG/JU
Sample : N2237-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A01015

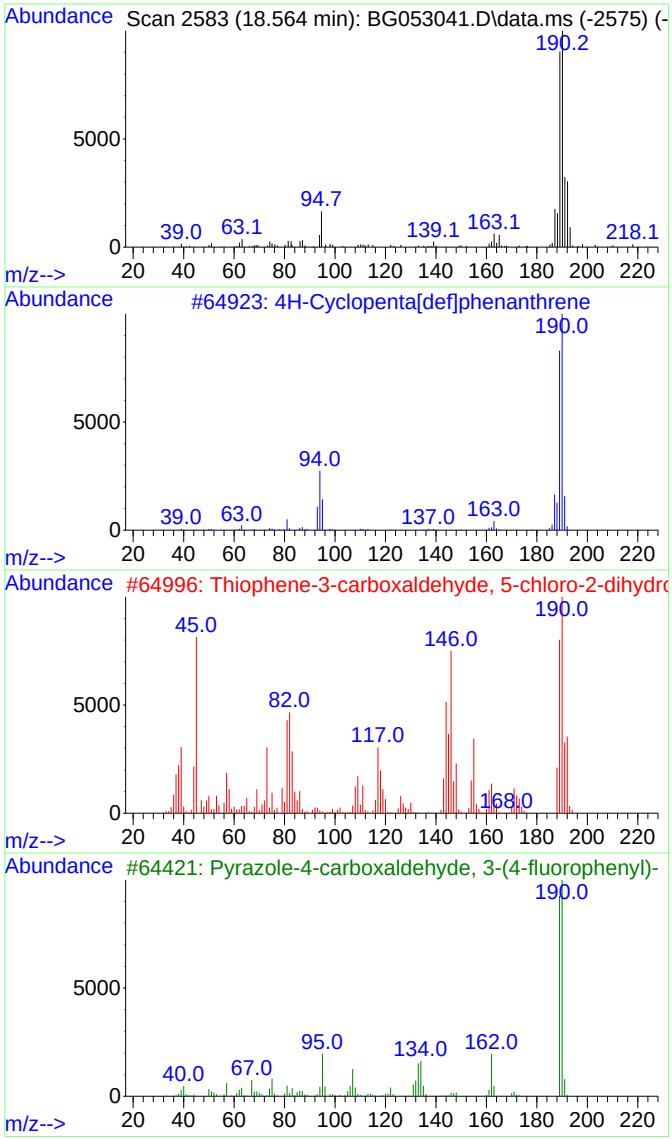
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

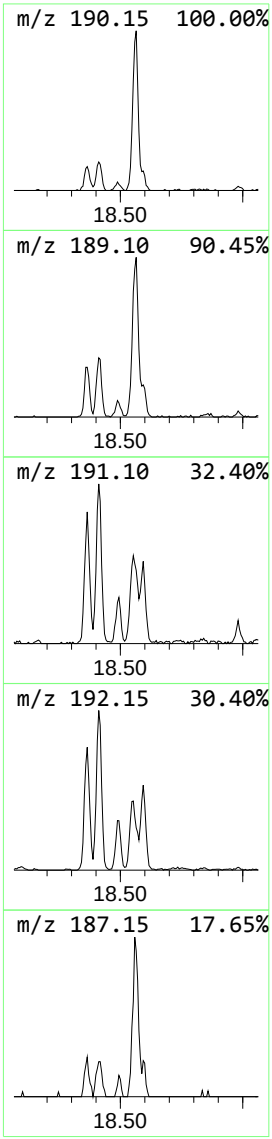
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.564	7.85 ng	249613	Phenanthrene-d10	17.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	72
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053041.D
Acq On : 5 Apr 2022 21:08
Operator : CG/JU
Sample : N2237-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A01015

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

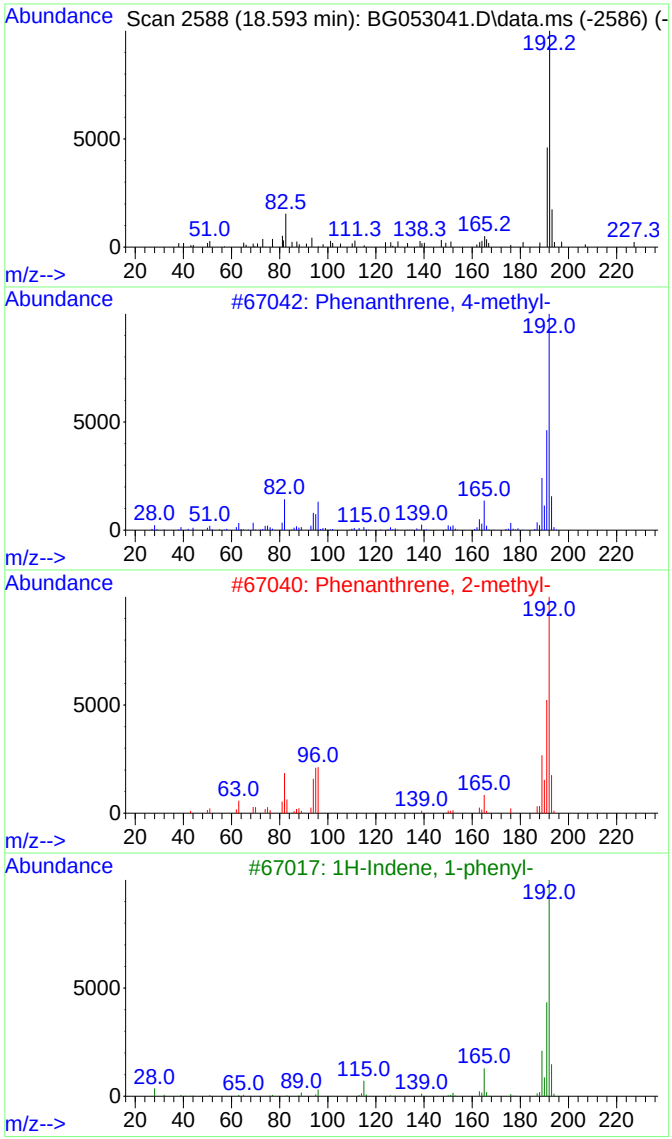
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

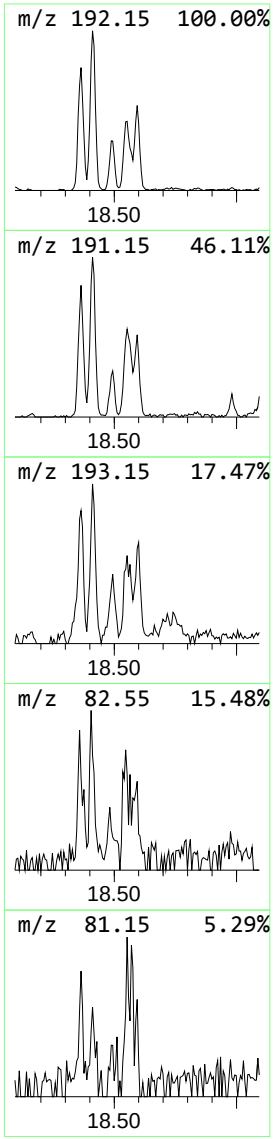
****

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.593	2.52 ng	80183	Phenanthrene-d10	17.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	83
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80





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Acq On : 5 Apr 2022 21:08
Operator : CG/JU
Sample : N2237-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A01015

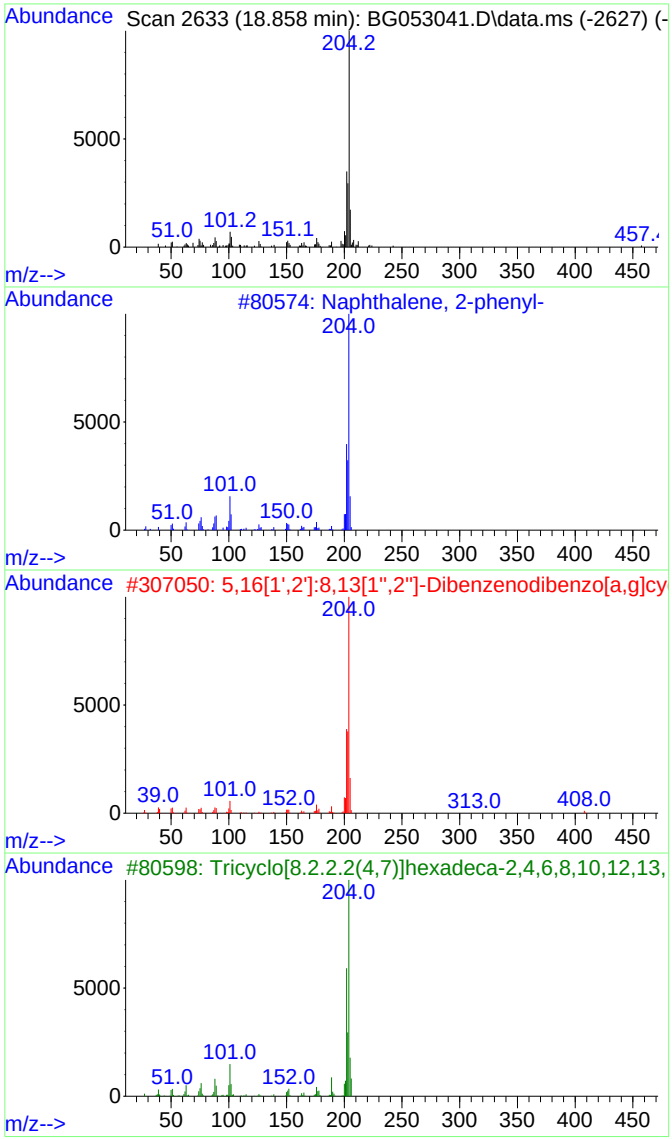
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

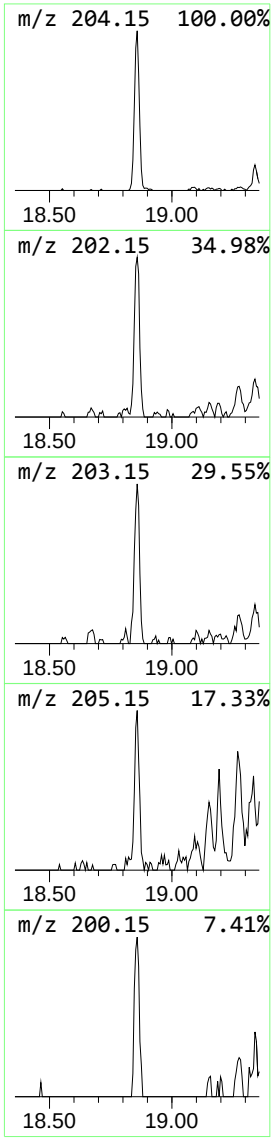
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.858	3.59 ng	114176	Phenanthrene-d10	17.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	64
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	58





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Sample : N2237-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

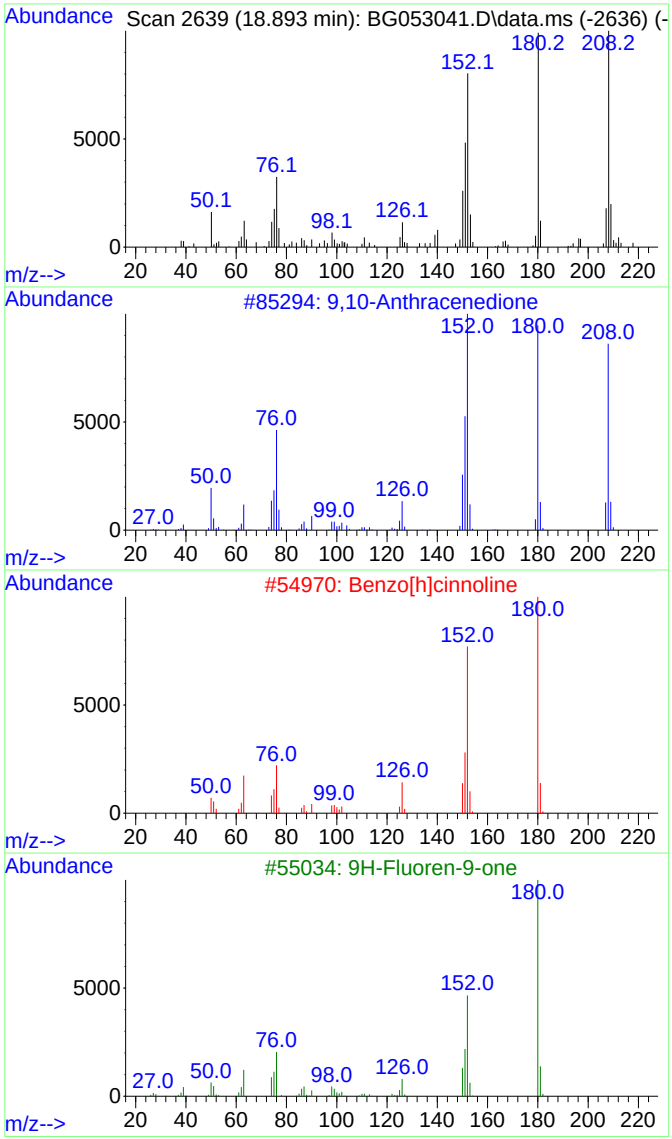
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

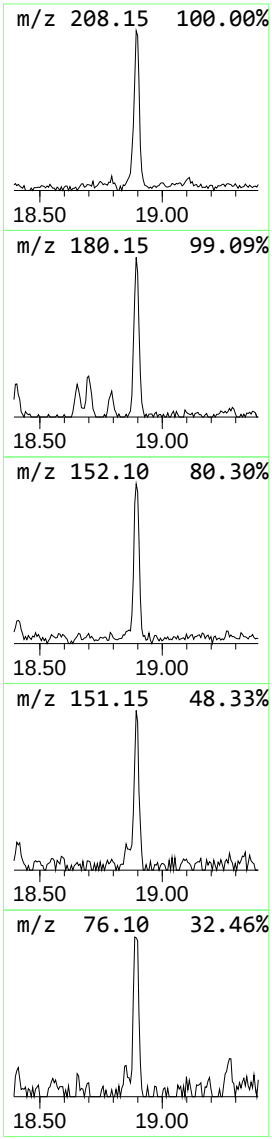
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.893	3.47 ng	110496	Phenanthrene-d10	17.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64
5	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	58





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

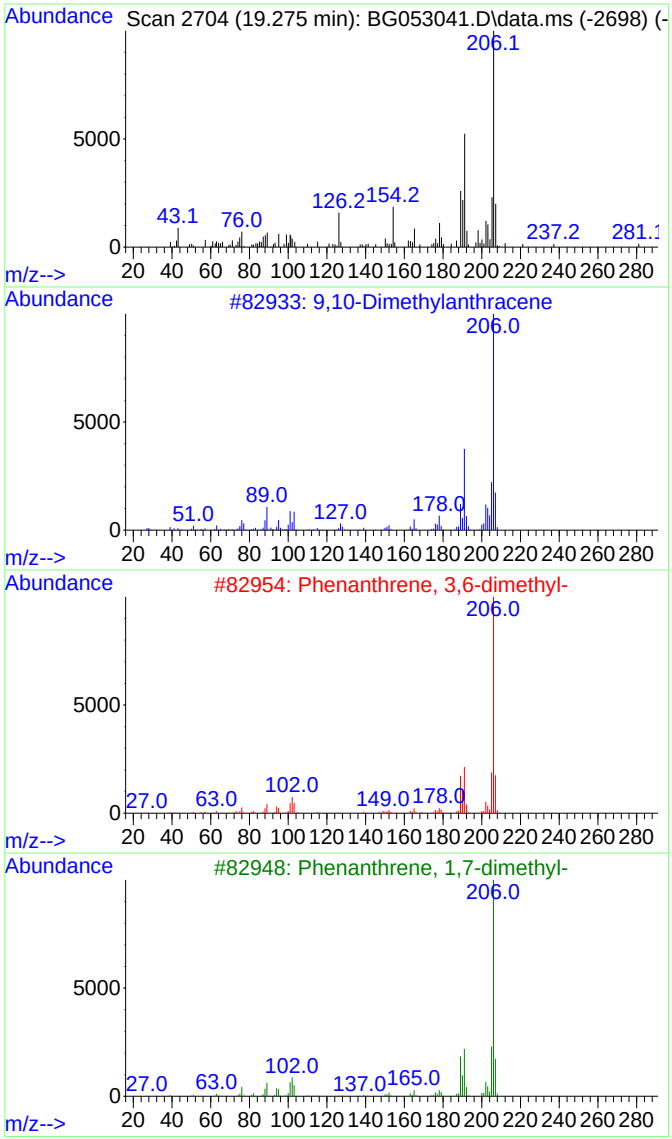
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

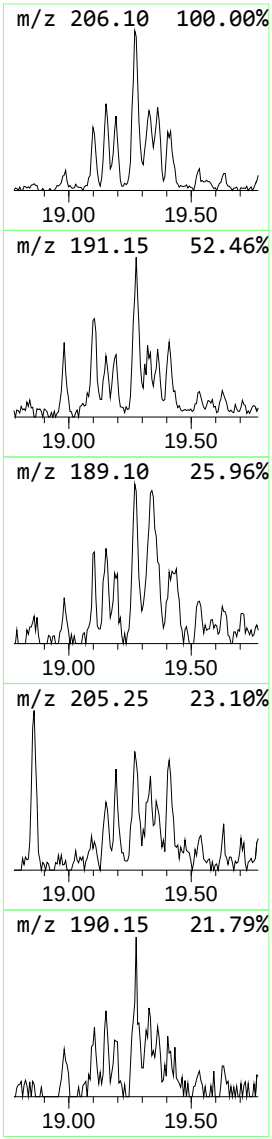
****

Peak Number 9 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.275	3.72 ng	118453	Phenanthrene-d10	17.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	81





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Sample : N2237-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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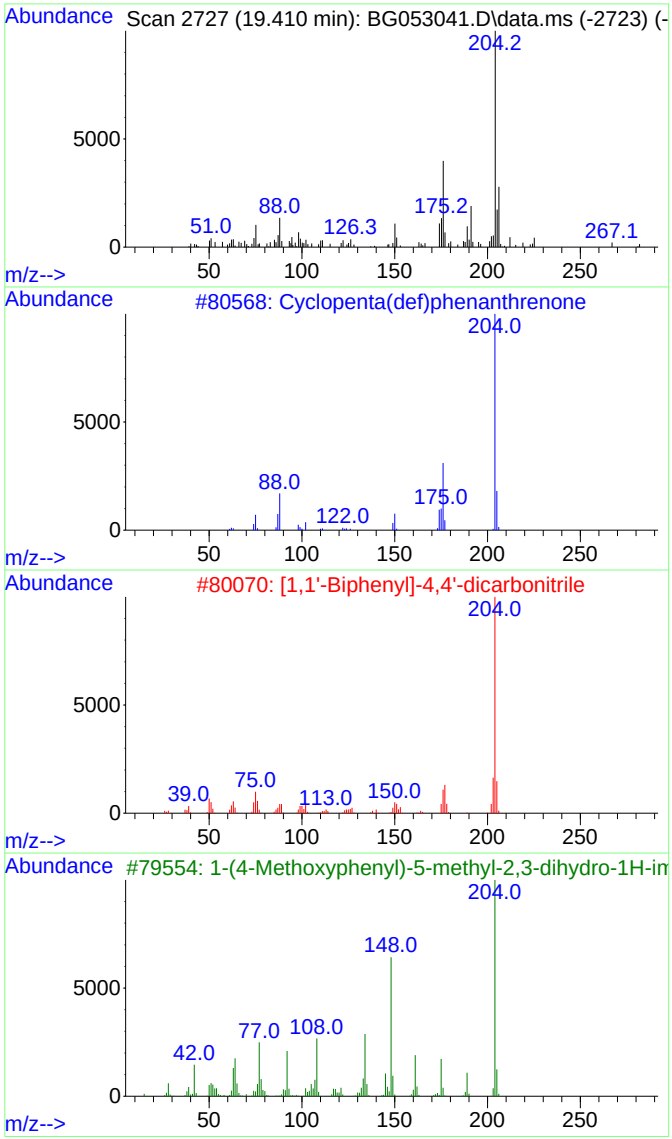
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

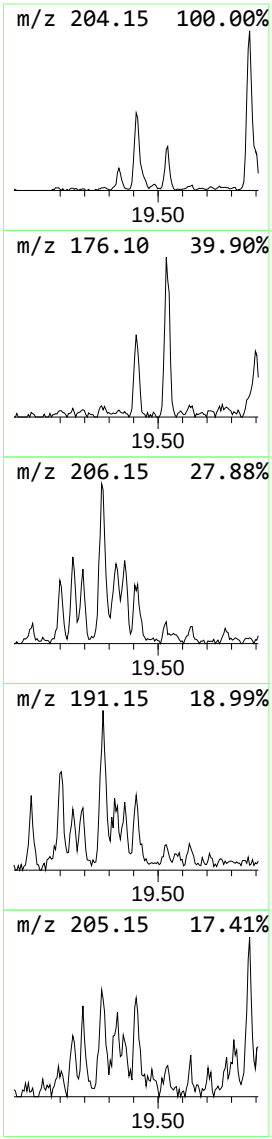
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.410	3.01 ng	95570	Phenanthrene-d10	17.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
3	1-(4-Methoxyphenyl)-5-methyl-2,3...	204	C11H12N2O2	014058-90-3	43
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
5	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	40





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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

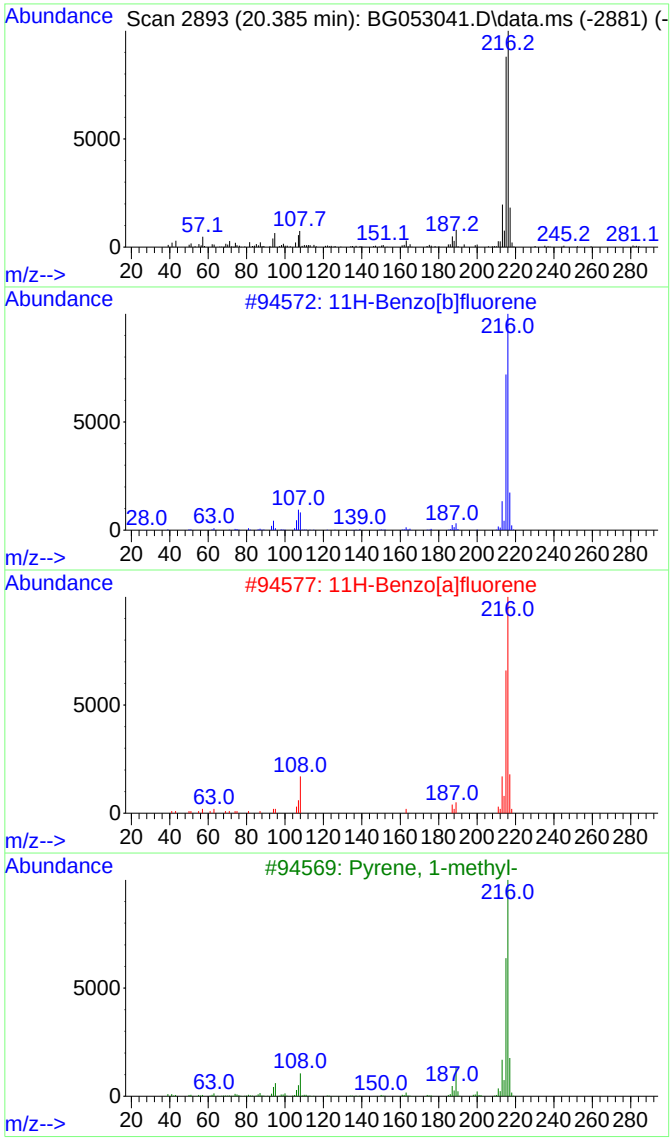
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

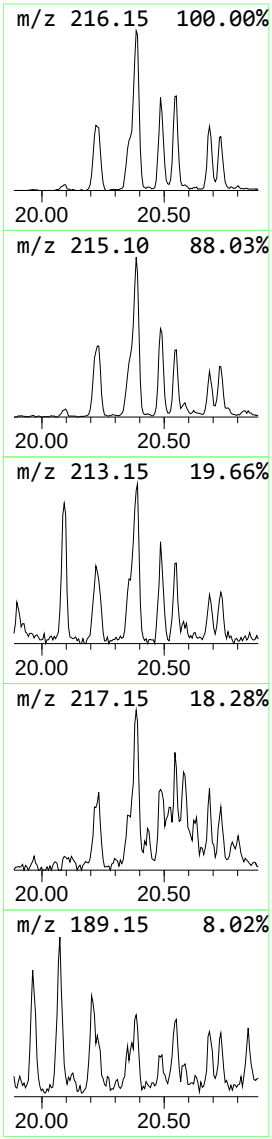
****

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.385	4.31 ng	353233	Chrysene-d12	21.772

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	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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ALS Vial : 9 Sample Multiplier: 1

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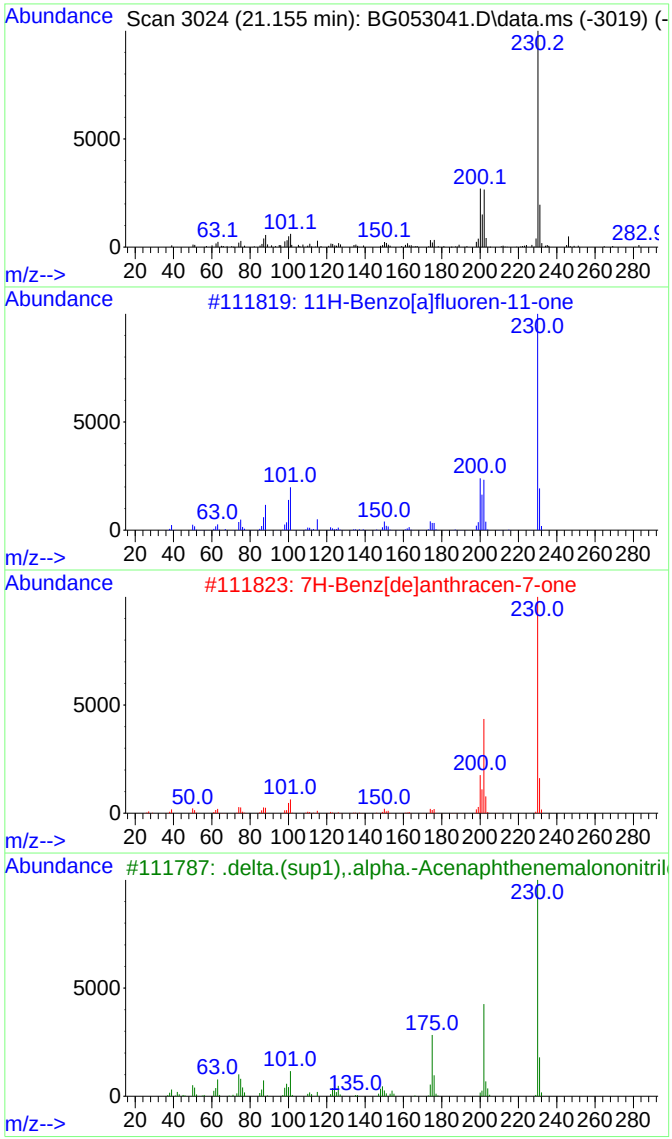
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

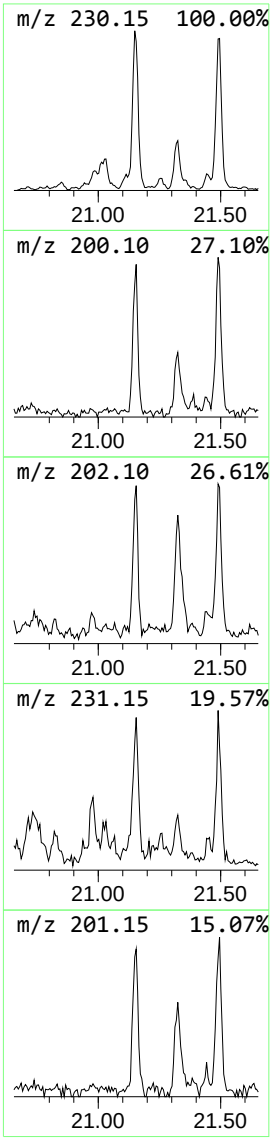
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.155	2.20 ng	180516	Chrysene-d12	21.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
3	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	70
4	2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	59
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59





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Sample : N2237-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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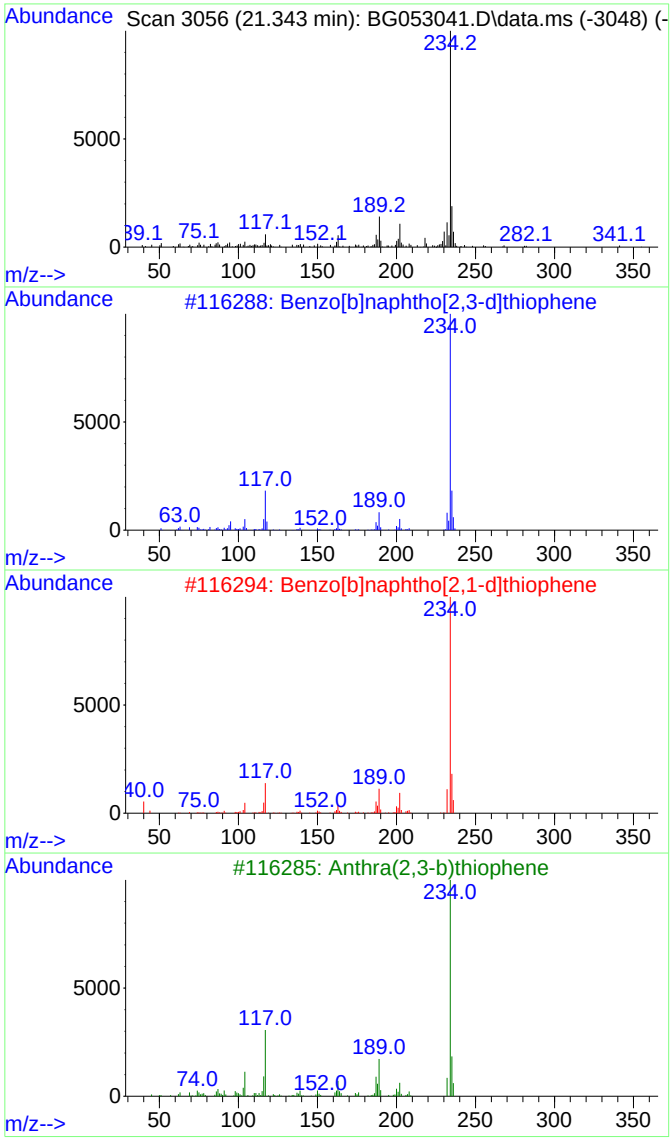
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

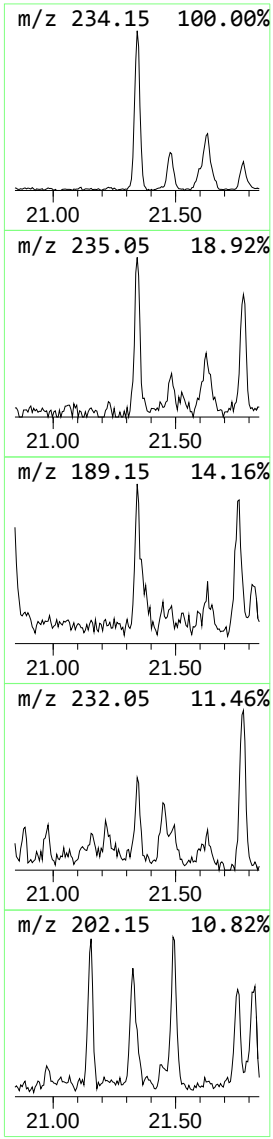
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.343	2.63 ng	215524	Chrysene-d12	21.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	87
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	87
5	2-(5-Amino-2-chloro-4-cyano-2-et...	234	C10H7ClN4O	1000436-11-9	53





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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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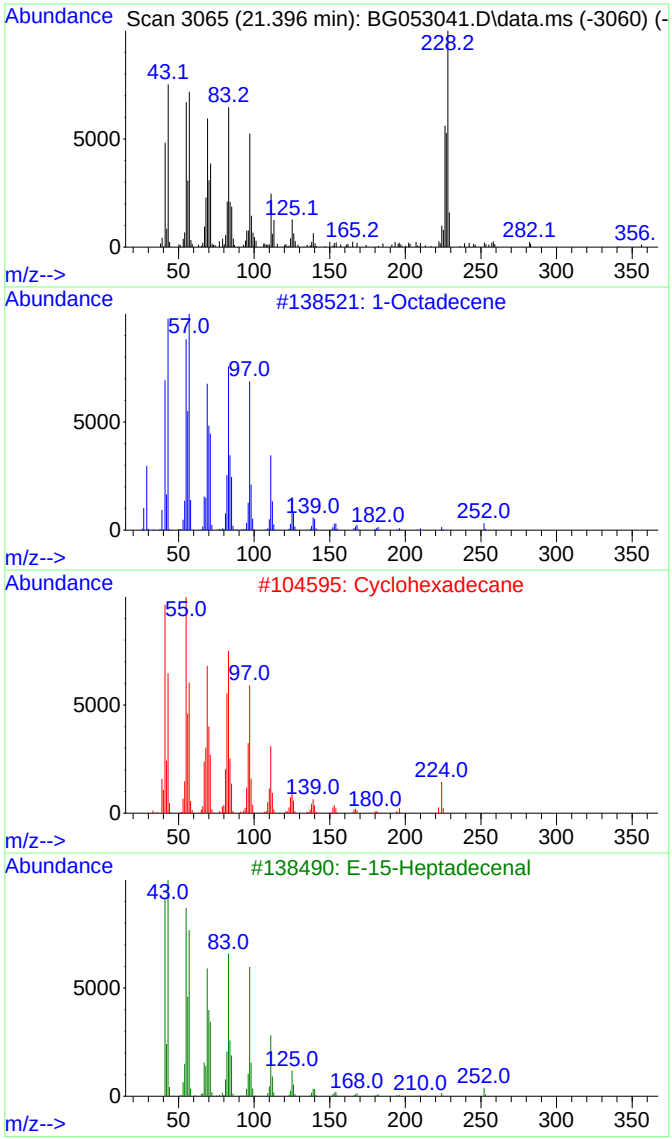
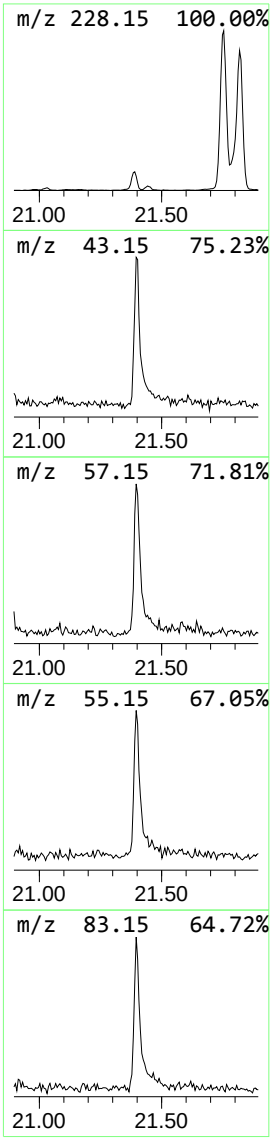
****

Peak Number 14 1-Octadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.396	4.15 ng	340246	Chrysene-d12	21.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	87
2	Cyclohexadecane	224	C16H32	000295-65-8	83
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	81
4	1-Hexadecanethiol	258	C16H34S	002917-26-2	53
5	1-Nonadecene	266	C19H38	018435-45-5	46





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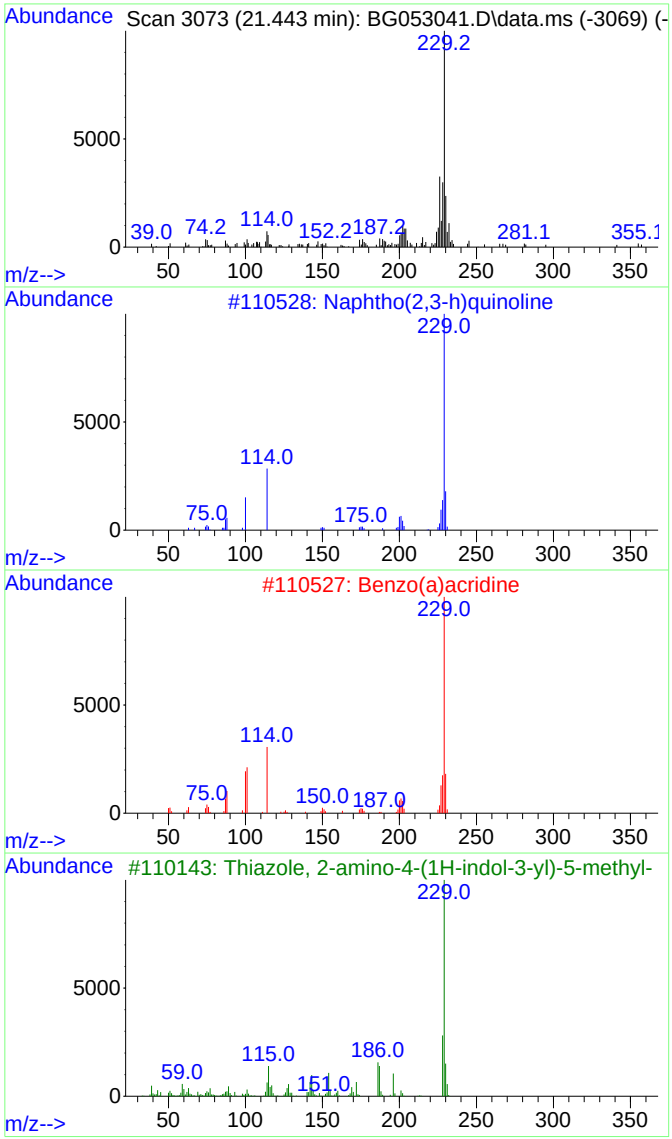
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

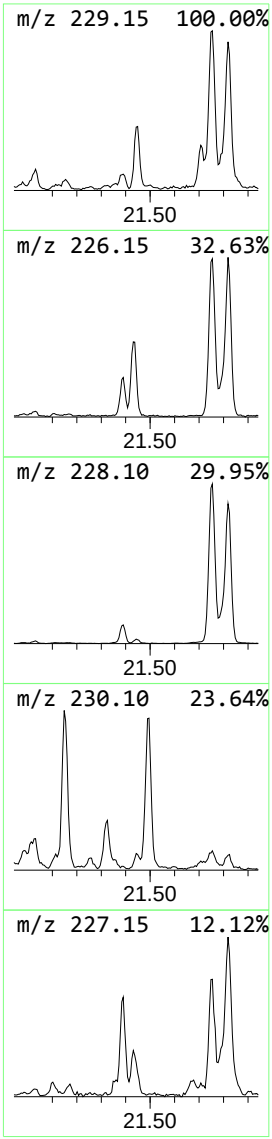
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphtho(2,3-h)quinoline Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.443	2.51 ng	205948	Chrysene-d12	21.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	50
2	Benzo(a)acridine	229	C17H11N	000225-11-6	50
3	Thiazole, 2-amino-4-(1H-indol-3-...	229	C12H11N3S	1000304-18-3	47
4	Malononitrile, 2-indeno[1,2-b]py...	229	C15H7N3	1000316-60-9	43
5	Piperazin-2-one, 3-[2-(4-methylp...	230	C13H14N2O2	063656-21-3	43





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TIC Library : C:\Database\NIST20.L
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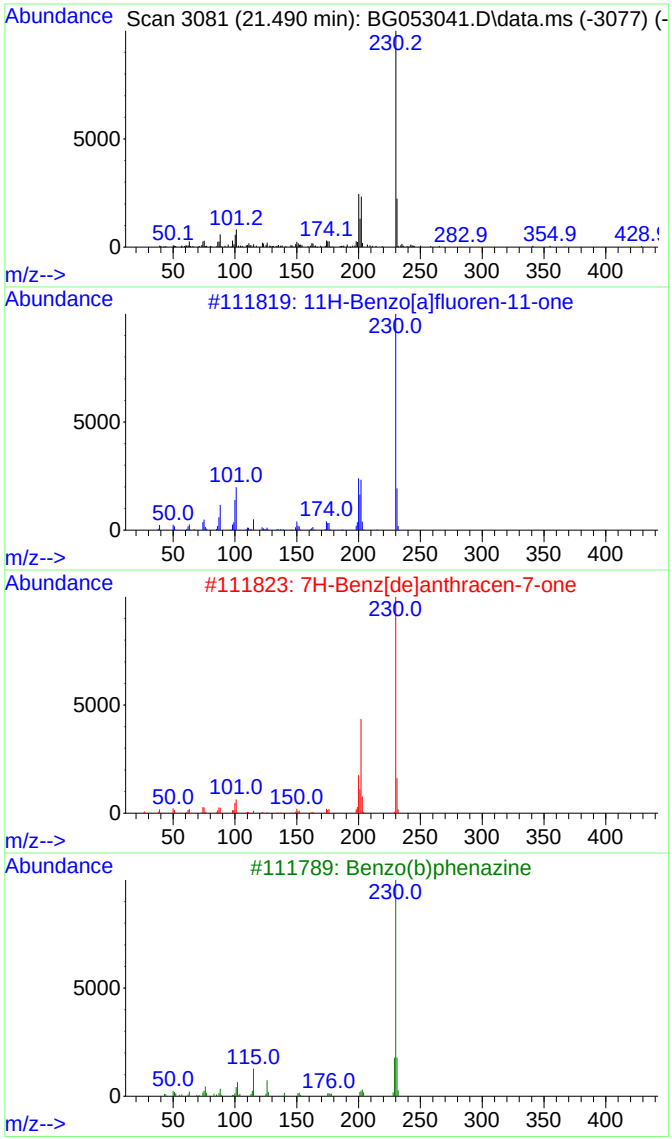
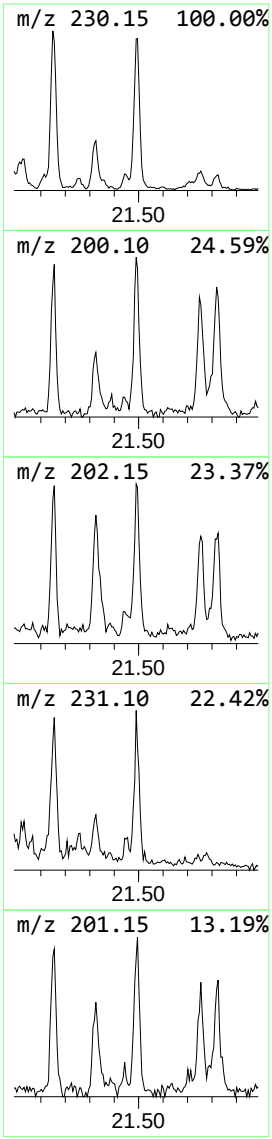
Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.490	2.70 ng	221071	Chrysene-d12	21.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
3	Benzo(b)phenazine	230	C16H10N2	000257-97-6	50
4	p-Terphenyl	230	C18H14	000092-94-4	47
5	5-[(3Z)-Pent-3-en-1-yn-1-yl]-2,2...	230	C13H10S2	1000415-02-3	47





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TIC Library : C:\Database\NIST20.L
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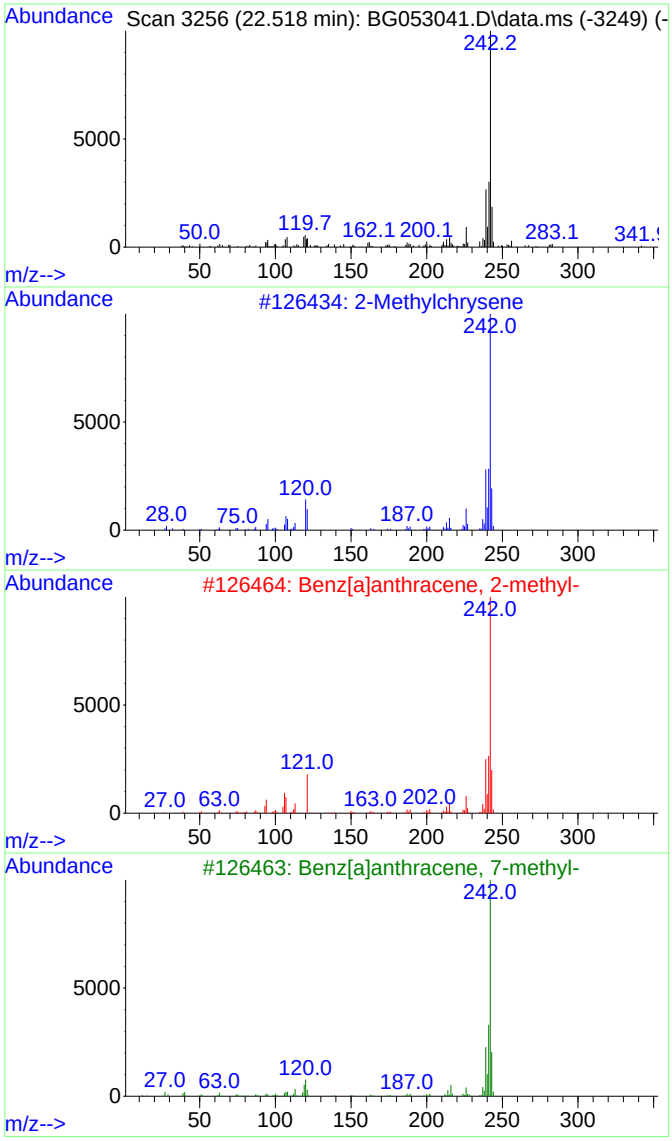
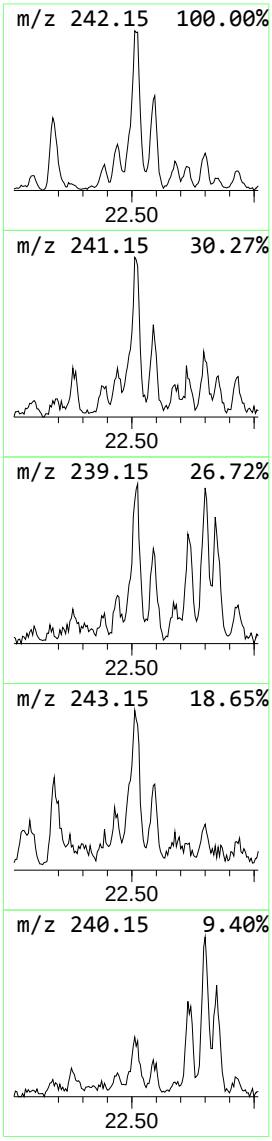
Peak Number 17 2-Methylchrysene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.518	2.42 ng	198646	Chrysene-d12	21.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	95
2	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	94
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	93





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
A01015

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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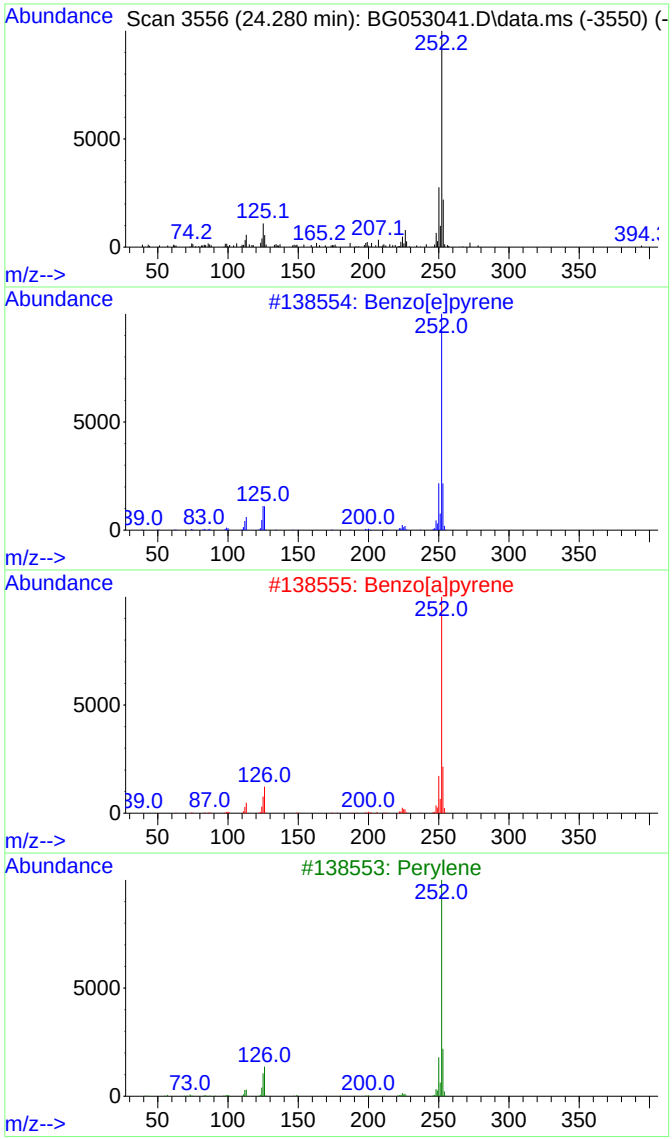
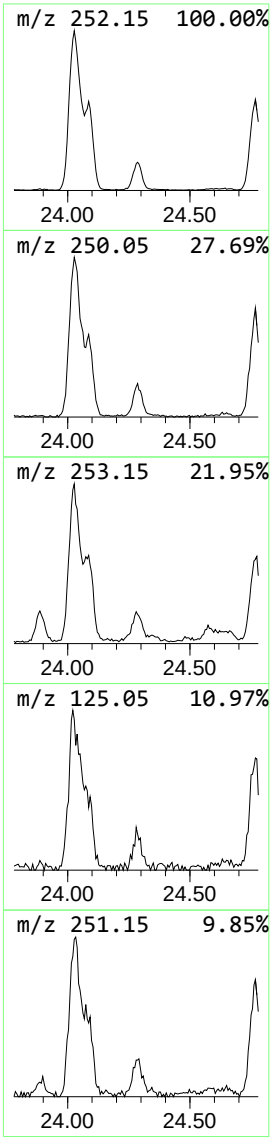
Peak Number 18 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.280	3.46 ng	130536	Perylene-d12	25.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	87
3	Perylene	252	C20H12	000198-55-0	81
4	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	80
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053041.D
Acq On : 5 Apr 2022 21:08
Operator : CG/JU
Sample : N2237-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A01015

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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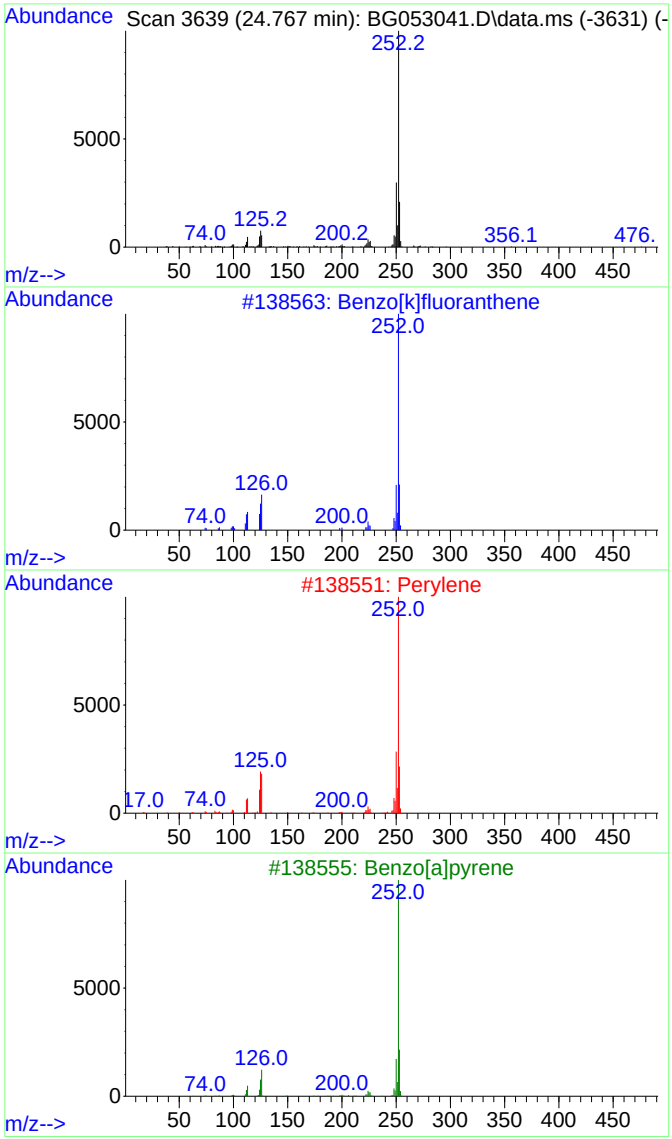
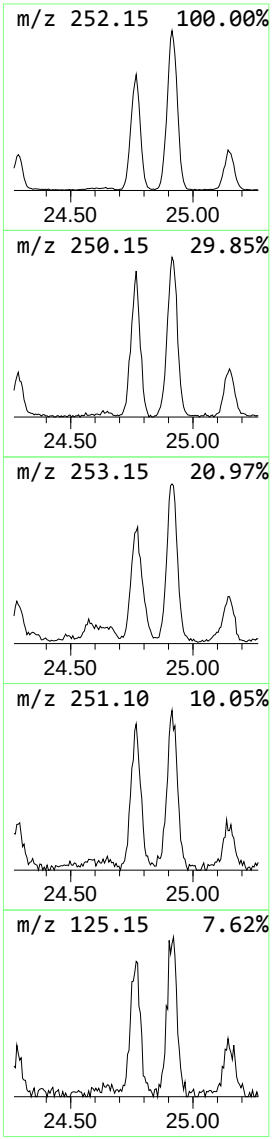
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.767	14.76 ng	557491	Perylene-d12	25.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Benzo[e]pyrene	252	C20H12	000192-97-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053041.D
Acq On : 5 Apr 2022 21:08
Operator : CG/JU
Sample : N2237-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A01015

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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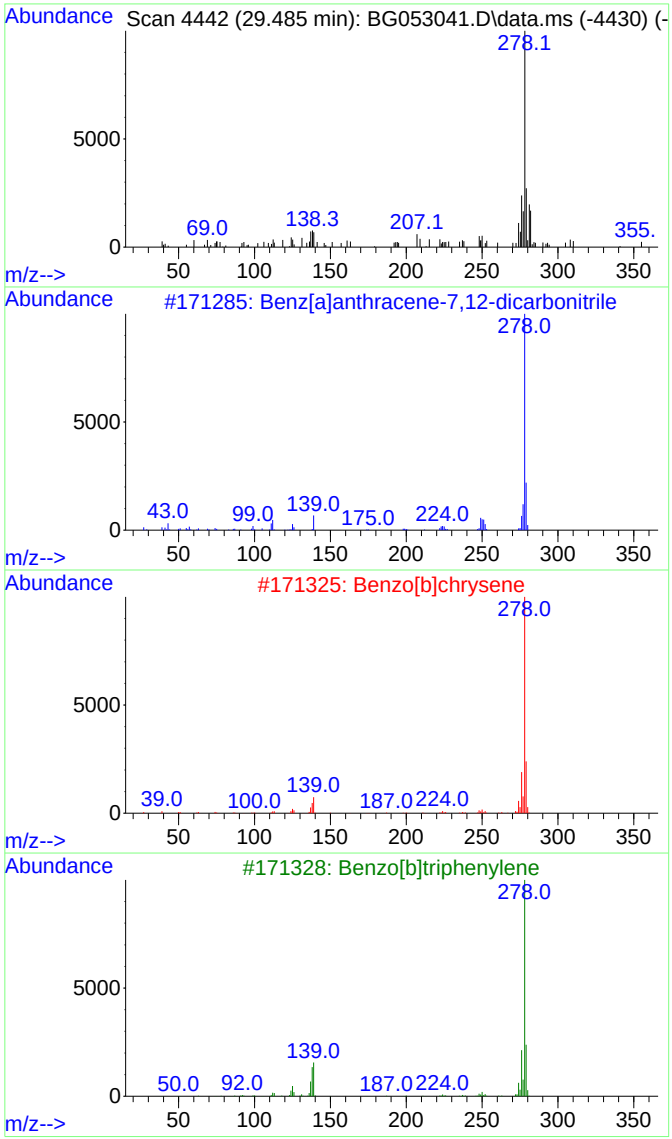
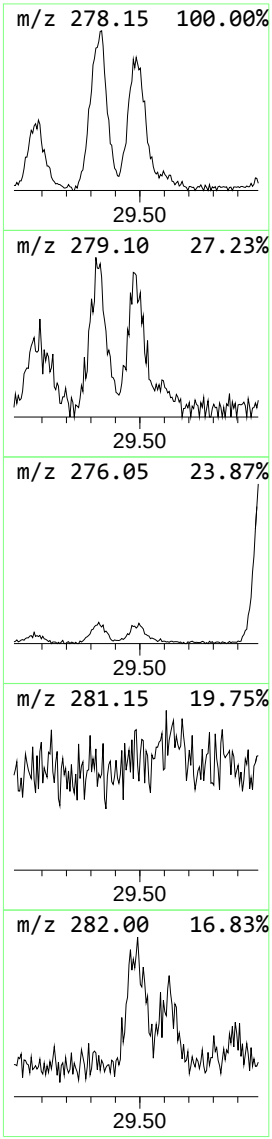
Peak Number 20 Benz[a]anthracene-7,12-dica... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.485	3.04 ng	114822	Perylene-d12	25.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	83
2	Benzo[b]chrysene	278	C22H14	000214-17-5	64
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	60
4	Picene	278	C22H14	000213-46-7	53
5	Pentaphene	278	C22H14	000222-93-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053041.D
Acq On : 5 Apr 2022 21:08
Operator : CG/JU
Sample : N2237-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A01015

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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
Phenanthrene, 1...	18.364	5.4	ng	170849	4	17.489	636019	20.0
Phenanthrene, 2...	18.411	6.6	ng	209221	4	17.489	636019	20.0
Anthracene, 2-m...	18.494	2.1	ng	66302	4	17.489	636019	20.0
4H-Cyclopenta[d...	18.564	7.8	ng	249613	4	17.489	636019	20.0
Phenanthrene, 4...	18.593	2.5	ng	80183	4	17.489	636019	20.0
Naphthalene, 2-...	18.858	3.6	ng	114176	4	17.489	636019	20.0
9,10-Anthracene...	18.893	3.5	ng	110496	4	17.489	636019	20.0
9,10-Dimethylan...	19.275	3.7	ng	118453	4	17.489	636019	20.0
Cyclopenta(def)...	19.410	3.0	ng	95570	4	17.489	636019	20.0
11H-Benzo[b]flu...	20.385	4.3	ng	353233	5	21.772	1639940	20.0
11H-Benzo[a]flu...	21.155	2.2	ng	180516	5	21.772	1639940	20.0
Benzo[b]naphtho...	21.343	2.6	ng	215524	5	21.772	1639940	20.0
1-Octadecene	21.396	4.2	ng	340246	5	21.772	1639940	20.0
Naphtho(2,3-h)q...	21.443	2.5	ng	205948	5	21.772	1639940	20.0
7H-Benz[de]anth...	21.490	2.7	ng	221071	5	21.772	1639940	20.0
2-Methylchrysene	22.518	2.4	ng	198646	5	21.772	1639940	20.0
Benzo[e]pyrene	24.280	3.5	ng	130536	6	25.073	755186	20.0
Perylene	24.767	14.8	ng	557491	6	25.073	755186	20.0
Benz[a]anthrace...	29.485	3.0	ng	114822	6	25.073	755186	20.0