LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056614.D
Acq On : 10 Feb 2023 20:45
Operator : CG/JU
Sample : 01510-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-51B-020823

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-BG012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056614.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.241	325	332	340	rBV	70897	105560	1.68%	0.142%
2	5.735	409	416	423	rBV	271931	438966	6.99%	0.588%
3	7.368	684	694	708	rBV	279336	493508	7.86%	0.662%
4	8.208	831	837	848	rBB	109311	183356	2.92%	0.246%
5	9.389	1030	1038	1046	rBV	173504	309515	4.93%	0.415%
6	11.040	1312	1319	1324	rBV	144982	266465	4.24%	0.357%
7	11.093	1324	1328	1336	rVB	74955	131672	2.10%	0.177%
8	12.680	1592	1598	1605	rBV	43238	68158	1.09%	0.091%
9	13.461	1725	1731	1740	rVB	672778	978902	15.59%	1.312%
10	14.836	1960	1965	1971	rVB	255721	397941	6.34%	0.533%
11	14.901	1971	1976	1983	rVB3	99731	147752	2.35%	0.198%
12	15.230	2026	2032	2039	rVB2	69771	118934	1.89%	0.159%
13	15.876	2131	2142	2150	rBV2	64033	152470	2.43%	0.204%
14	16.176	2186	2193	2198	rVB2	66607	122434	1.95%	0.164%
15	16.322	2212	2218	2225	rBV	457679	721022	11.48%	0.967%
16	16.875	2302	2312	2317	rBV4	31880	77335	1.23%	0.104%
17	17.233	2368	2373	2379	rVB	79819	127462	2.03%	0.171%
18	17.398	2396	2401	2408	rBV	55623	88277	1.41%	0.118%
19	17.580	2425	2432	2435	rBV	339163	538060	8.57%	0.721%
20	17.621	2435	2439	2445	rVB	807417	1159799	18.47%	1.555%
21	17.709	2450	2454	2458	rVV	177462	268375	4.27%	0.360%
22	17.750	2458	2461	2468	rVB3	61150	131794	2.10%	0.177%
23	17.950	2490	2495	2498	rBV3	98496	162059	2.58%	0.217%
24	17.997	2498	2503	2509	rVV4	142586	295026	4.70%	0.396%
25	18.056	2509	2513	2516	rVB	73988	94856	1.51%	0.127%
26	18.120	2521	2524	2527	rBV3	55345	66225	1.05%	0.089%
27	18.238	2540	2544	2551	rVB2	196153	322151	5.13%	0.432%
28	18.444	2573	2579	2583	rBV	129094	246079	3.92%	0.330%
29	18.496	2583	2588	2596	rBV2	232524	426636	6.79%	0.572%
30	18.573	2596	2601	2606	rBV3	150073	281702	4.49%	0.378%
31	18.649	2606	2614	2616	rBV4	196142	473615	7.54%	0.635%
32	18.679	2616	2619	2625	rVB	212574	284098	4.52%	0.381%
33	18.749	2627	2631	2635	rBV3	113750	187884	2.99%	0.252%
34	18.849	2642	2648	2651	rBV4	298056	644356	10.26%	0.864%
35	18.896	2651	2656	2660	rVV2	742355	1246679	19.85%	1.671%
36	18.937	2660	2663	2667	rVB	132917	172289	2.74%	0.231%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056614.D
Acq On : 10 Feb 2023 20:45
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Sample : 01510-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-51B-020823

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-BG012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.984	2667	2671	2674	rBV3	135236	176557	2.81%	0.237%
38	19.025	2674	2678	2687	rVB2	373582	661868	10.54%	0.887%
39	19.102	2688	2691	2693	rBV2	70872	94085	1.50%	0.126%
40	19.172	2694	2703	2708	rBV	4605521	6280484	100.00%	8.420%
41	19.219	2708	2711	2717	rVB6	134487	227896	3.63%	0.306%
42	19.290	2718	2723	2728	rBV3	238598	416390	6.63%	0.558%
43	19.348	2728	2733	2738	rBV	376721	579853	9.23%	0.777%
44	19.442	2745	2749	2754	rVB	620556	827653	13.18%	1.110%
45	19.501	2754	2759	2764	rBV3	283376	498894	7.94%	0.669%
46	19.548	2764	2767	2770	rVV2	123686	165132	2.63%	0.221%
47	19.619	2773	2779	2782	rVV	1721518	2567591	40.88%	3.442%
48	19.654	2782	2785	2791	rVB	2374182	3105256	49.44%	4.163%
49	19.748	2797	2801	2804	rBV2	187250	230084	3.66%	0.308%
50	19.842	2813	2817	2820	rBV	273683	431941	6.88%	0.579%
51	19.942	2830	2834	2837	rBV2	264523	435259	6.93%	0.584%
52	19.983	2837	2841	2848	rVV	1800897	2476857	39.44%	3.320%
53	20.048	2848	2852	2859	rVB	641928	950901	15.14%	1.275%
54	20.118	2859	2864	2867	rBV2	716681	1036709	16.51%	1.390%
55	20.159	2867	2871	2875	rVB	1176033	1541271	24.54%	2.066%
56	20.306	2888	2896	2899	rBV5	380990	948876	15.11%	1.272%
57	20.335	2899	2901	2904	rVV	438917	525596	8.37%	0.705%
58	20.382	2904	2909	2913	rVB	4319829	5617322	89.44%	7.531%
59	20.529	2931	2934	2937	rBV3	206936	247330	3.94%	0.332%
60	20.588	2939	2944	2948	rBV	1960882	2450801	39.02%	3.286%
61	20.758	2966	2973	2979	rBV4	665795	1676626	26.70%	2.248%
62	20.858	2985	2990	2993	rBV	1519558	2163077	34.44%	2.900%
63	20.894	2993	2996	3003	rVB	1061234	1581510	25.18%	2.120%
64	21.240	3050	3055	3059	rBV3	242871	515511	8.21%	0.691%
65	21.305	3060	3066	3072	rBV3	1042855	2315901	36.87%	3.105%
66	21.481	3089	3096	3099	rBV2	1653819	3773483	60.08%	5.059%
67	21.522	3099	3103	3112	rVB2	2928010	4939975	78.66%	6.623%
68	21.804	3148	3151	3154	rBV2	209532	321078	5.11%	0.430%
69	21.857	3154	3160	3167	rVV3	938237	2520168	40.13%	3.379%
70	21.922	3167	3171	3176	rVB	836668	1330111	21.18%	1.783%
71	22.274	3228	3231	3243	rVB5	133497	312795	4.98%	0.419%
72	24.178	3547	3555	3563	rBV	718325	2396591	38.16%	3.213%
73	24.442	3595	3600	3608	rVB	157549	360988	5.75%	0.484%
74	24.942	3677	3685	3700	rVB	520050	1590666	25.33%	2.132%
75	25.100	3702	3712	3725	rVB	735657	2067474	32.92%	2.772%
76	25.259	3732	3739	3745	rBV3	144311	385444	6.14%	0.517%

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Instrument :
BNA_G
ClientSampleId :
JPP-51B-020823

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-BG012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	25.335	3747	3752	3765	rVB2	206285	655443	10.44%	0.879%
78	29.160	4393	4403	4420	rVB3	276185	1260810	20.08%	1.690%

Sum of corrected areas: 74593669

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056614.D
Acq On : 10 Feb 2023 20:45
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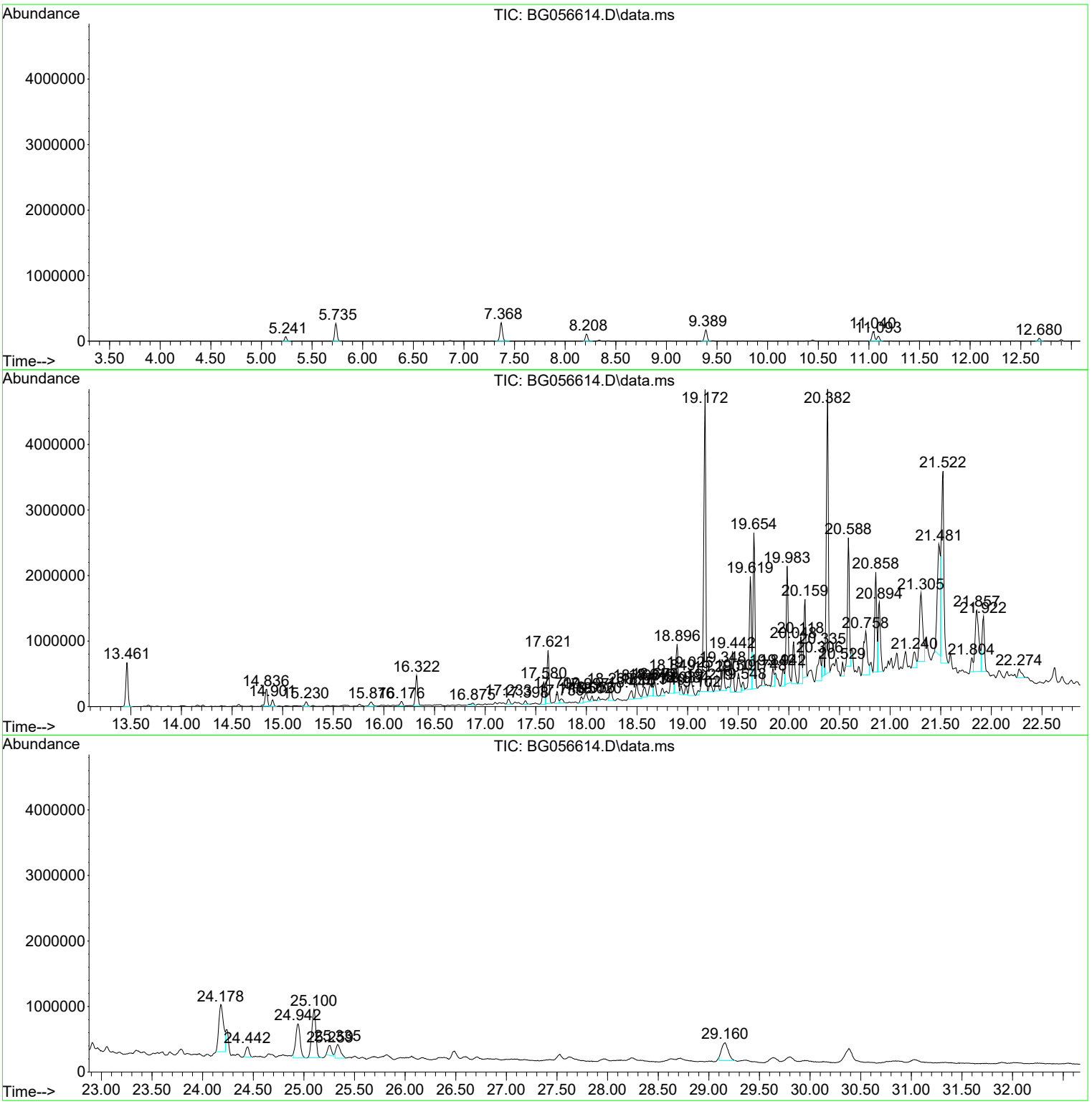
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-51B-020823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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\BG021023\
Data File : BG056614.D
Acq On : 10 Feb 2023 20:45
Operator : CG/JU
Sample : 01510-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-51B-020823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

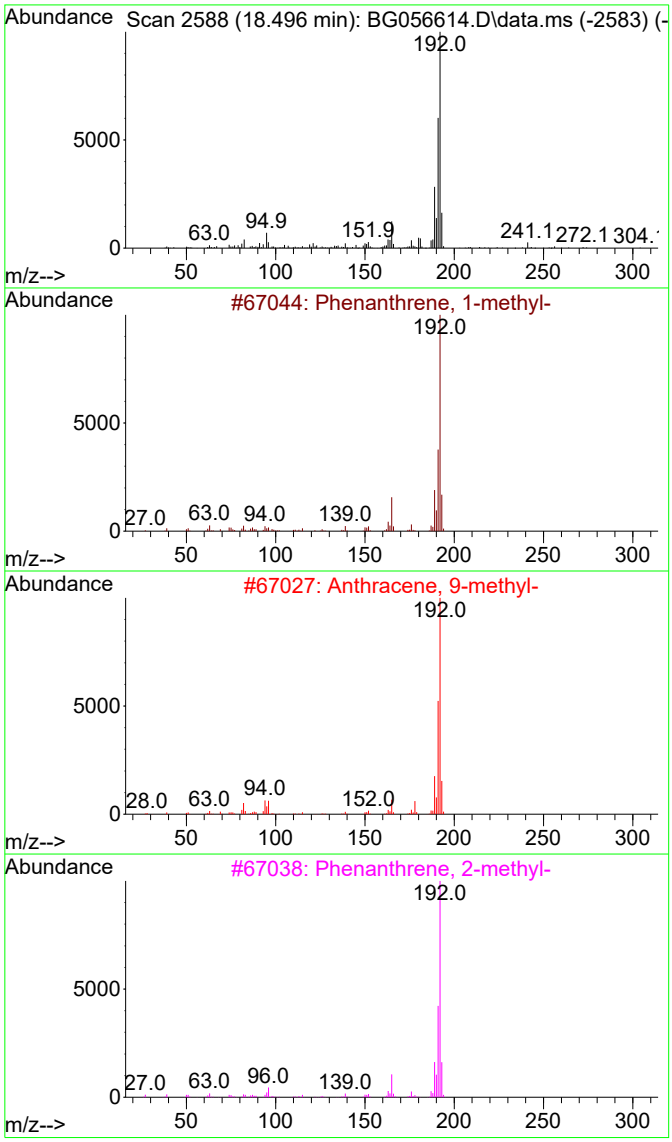
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

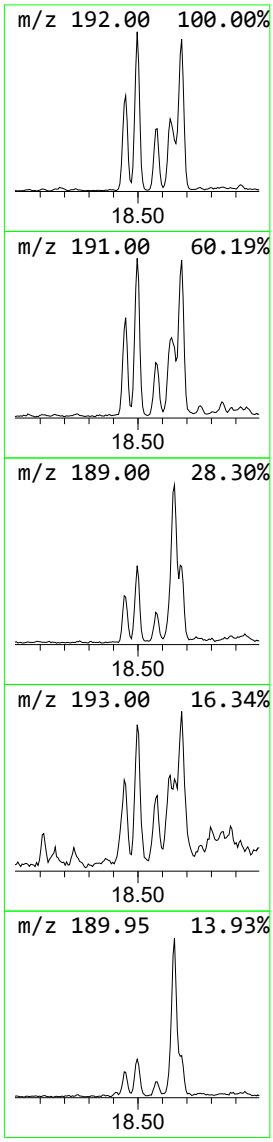
****

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.496	15.86 ng	426636	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056614.D
Acq On : 10 Feb 2023 20:45
Operator : CG/JU
Sample : 01510-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-51B-020823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

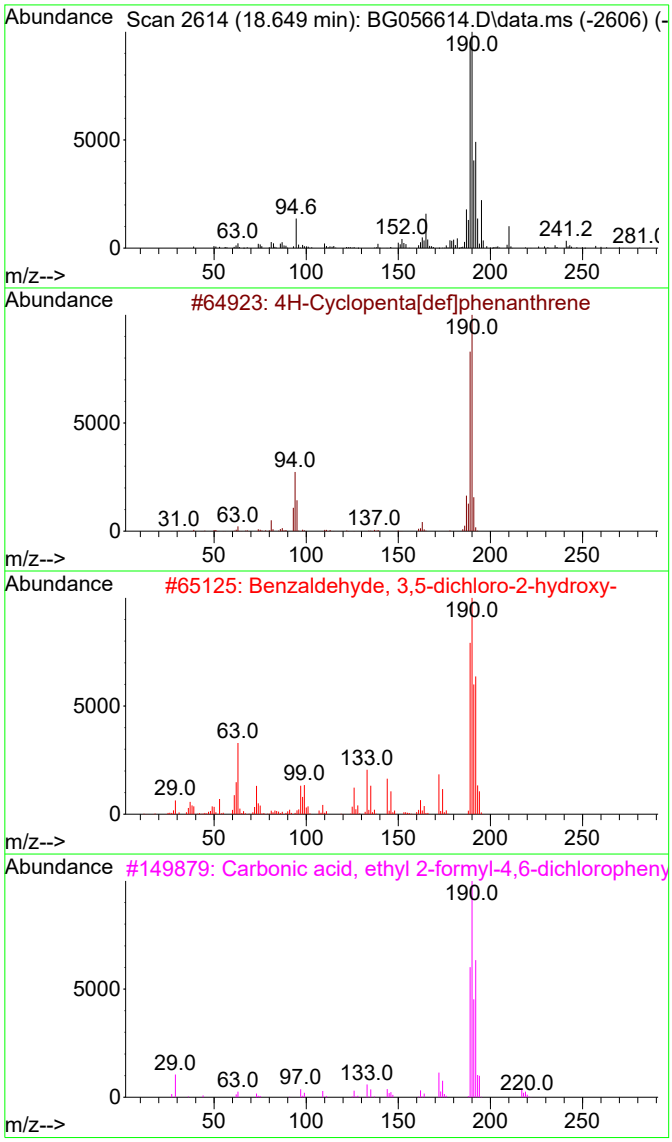
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

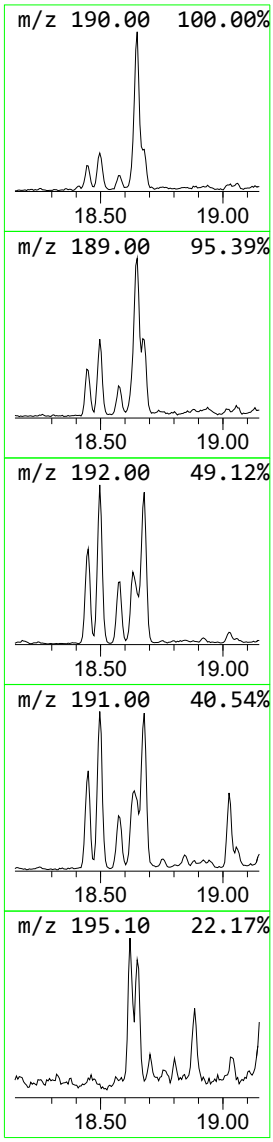
****

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.649	17.60 ng	473615	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	35
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056614.D
Acq On : 10 Feb 2023 20:45
Operator : CG/JU
Sample : 01510-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-51B-020823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

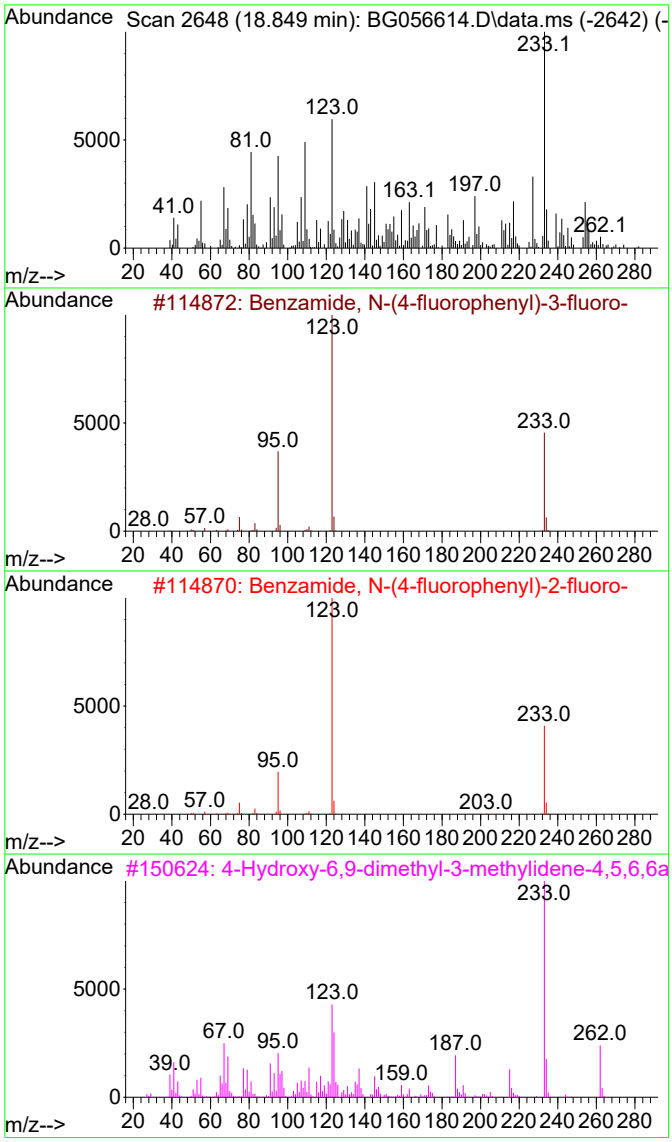
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

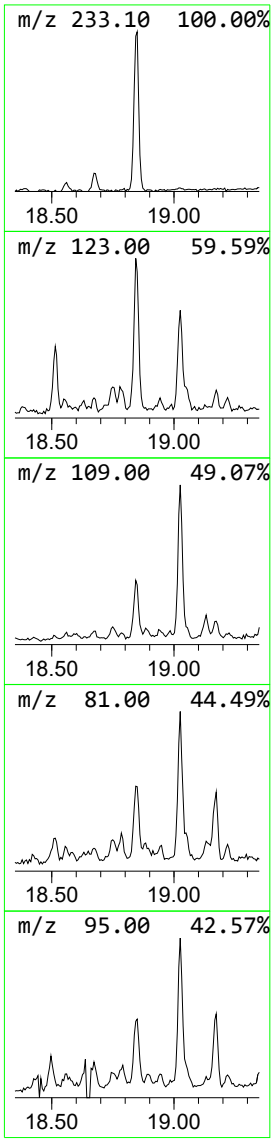
****

Peak Number 3 unknown18.849 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.849	23.95 ng	644356	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1010307-16-3	43
2	Benzamide, N-(4-fluorophenyl)-2-...	233	C13H9F2NO	1000307-07-9	43
3	4-Hydroxy-6,9-dimethyl-3-methyli...	262	C15H18O4	108299-33-8	27
4	Bis(5-methyl-4-oxo-3,4-dihydropy...	233	C10H11N5O2	1000078-58-5	25
5	Furan-2-carboxaldehyde, 5-(3-nit...	233	C11H7NO5	073420-62-9	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056614.D
Acq On : 10 Feb 2023 20:45
Operator : CG/JU
Sample : 01510-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

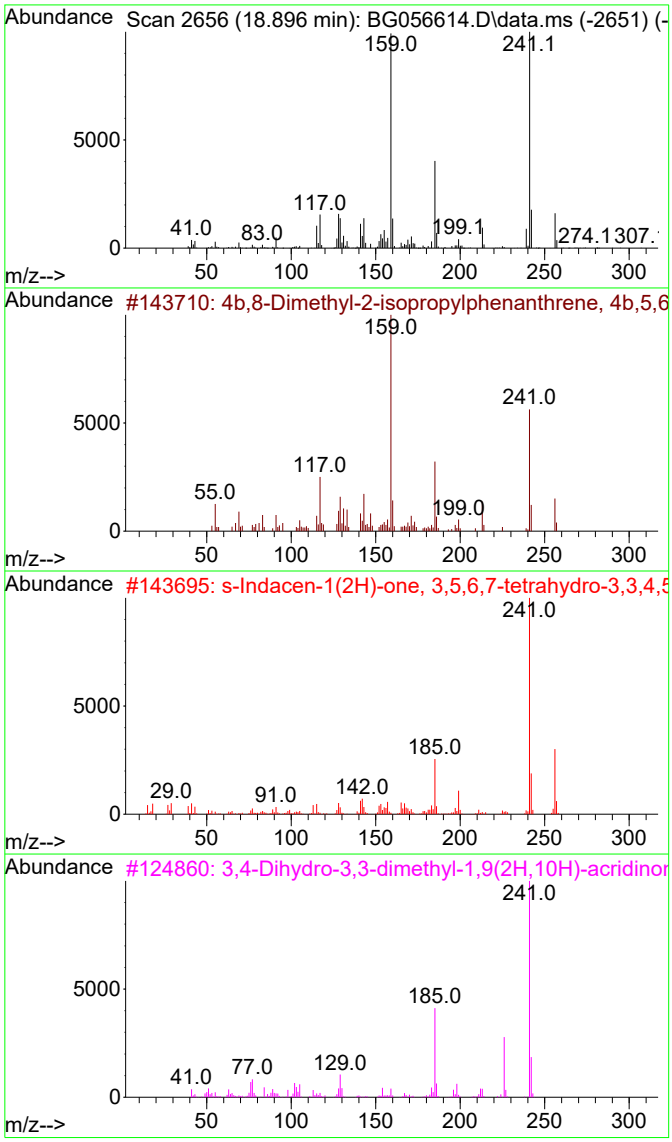
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

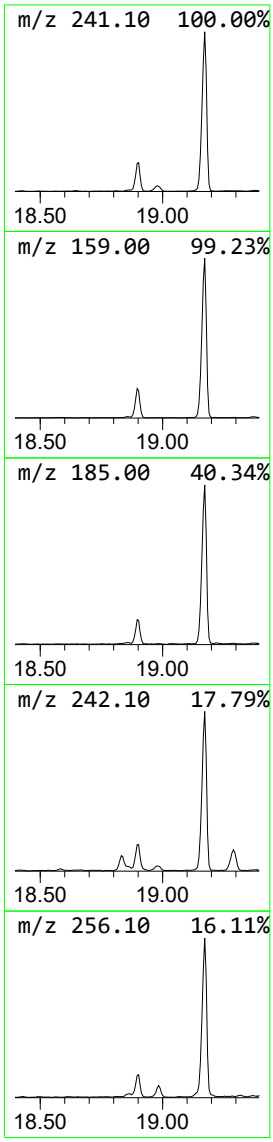
****

Peak Number 4 4b,8-Dimethyl-2-isopropylph... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.896	46.34 ng	1246680	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	60
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	49
3	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1010212-95-2	46
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	30
5	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056614.D
Acq On : 10 Feb 2023 20:45
Operator : CG/JU
Sample : 01510-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-51B-020823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

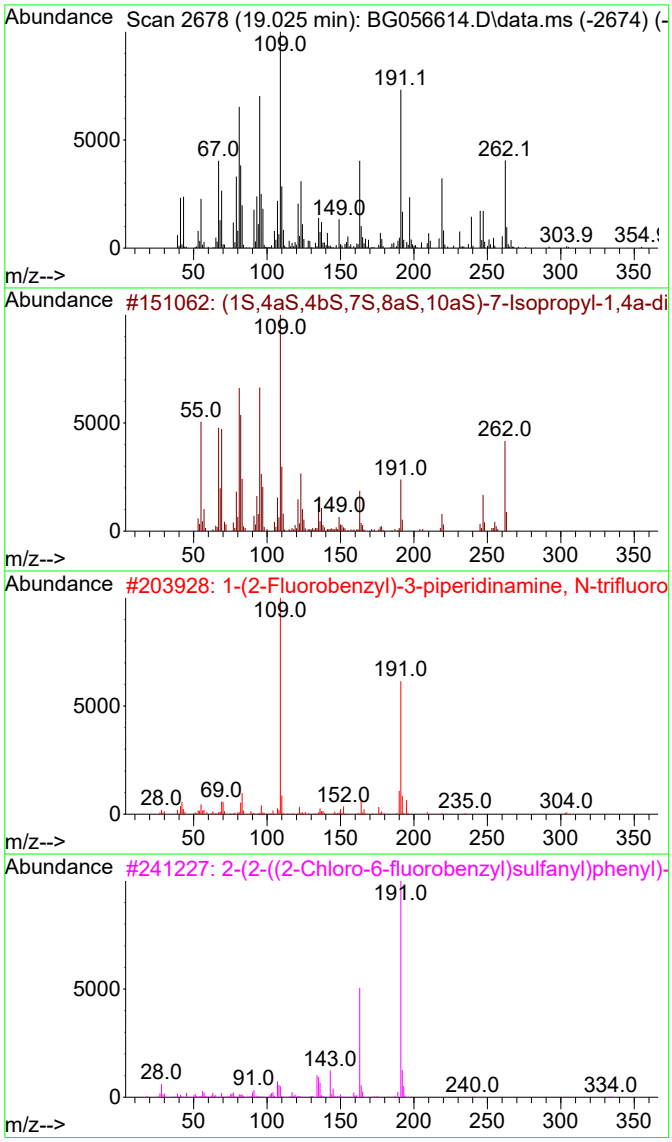
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

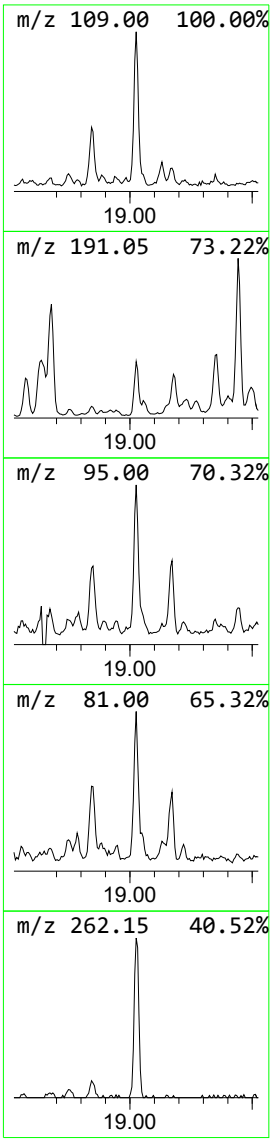
****

Peak Number 5 (1S,4aS,4bS,7S,8aS,10aS)-7-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.025	24.60 ng	661868	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopr...	262	C19H34	002221-95-6	96
2	1-(2-Fluorobenzyl)-3-piperidinam...	304	C14H16F4N2O	1000469-11-0	38
3	2-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	22
4	(+)-(Z)-Longipinane	206	C15H26	1000156-12-3	14
5	2,3,4,5-Tetramethylacetanilide	191	C12H17NO	1000432-93-7	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056614.D
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Operator : CG/JU
Sample : 01510-07
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

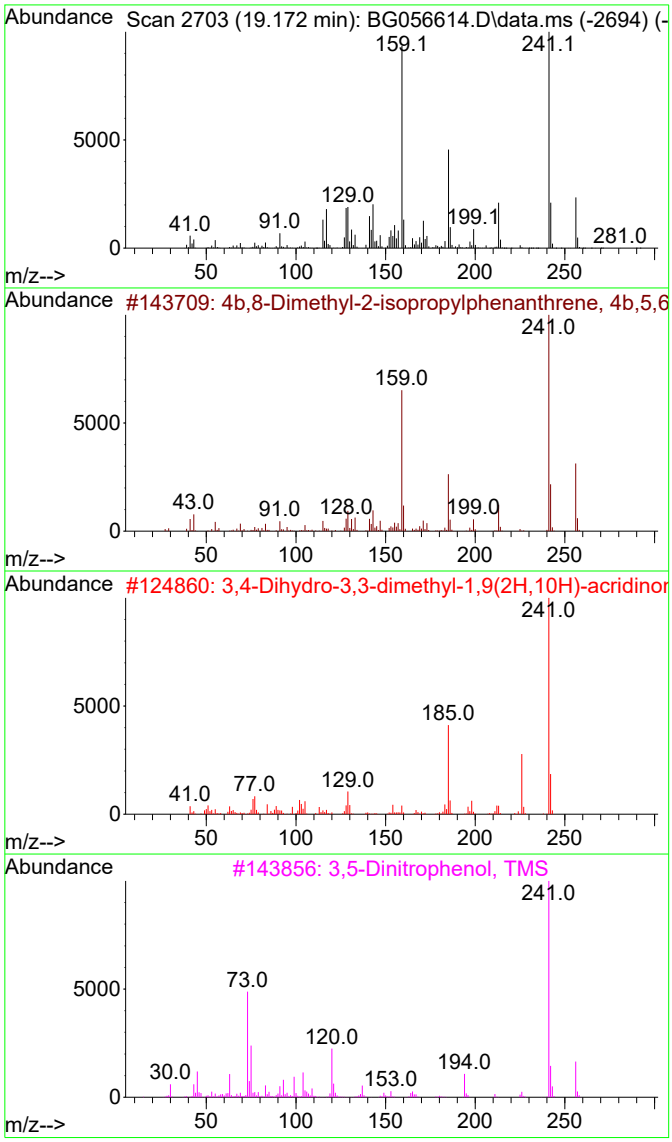
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

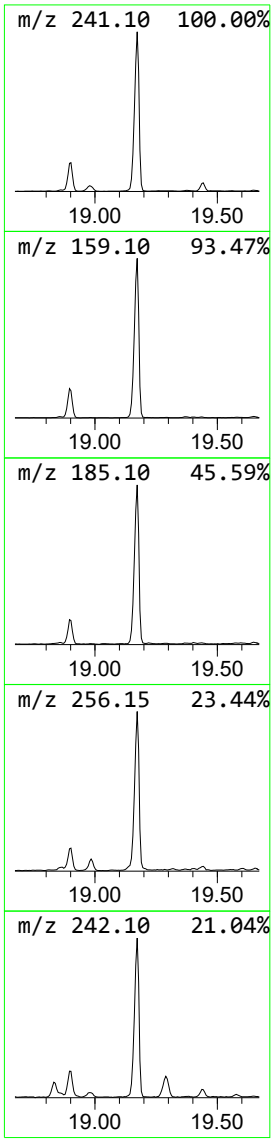
****

Peak Number 6 unknown19.172 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.172	233.45 ng	6280480	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	95
2	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1010212-95-2	38
3	3,5-Dinitrophenol, TMS	256	C9H12N2O5Si	1000514-68-2	30
4	Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	30
5	Bisphenol C	256	C17H20O2	000079-97-0	27





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Acq On : 10 Feb 2023 20:45
Operator : CG/JU
Sample : 01510-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-51B-020823

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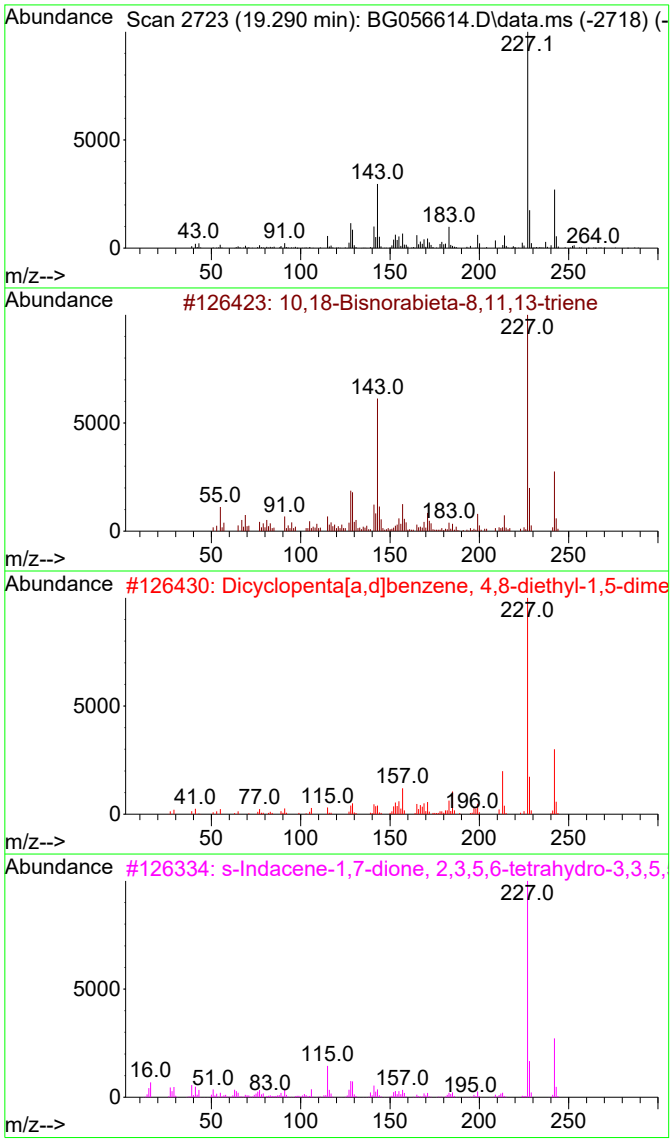
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

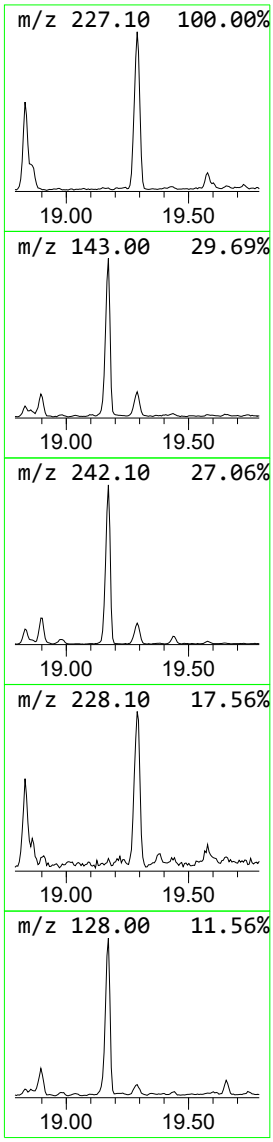
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 10,18-Bisnorabieta-8,11,13-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.290	15.48 ng	416390	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	91
2	Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	76
3	s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	72
4	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	58
5	Lapachol	242	C15H14O3	000084-79-7	53





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Sample : 01510-07
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ClientSampleId :
JPP-51B-020823

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

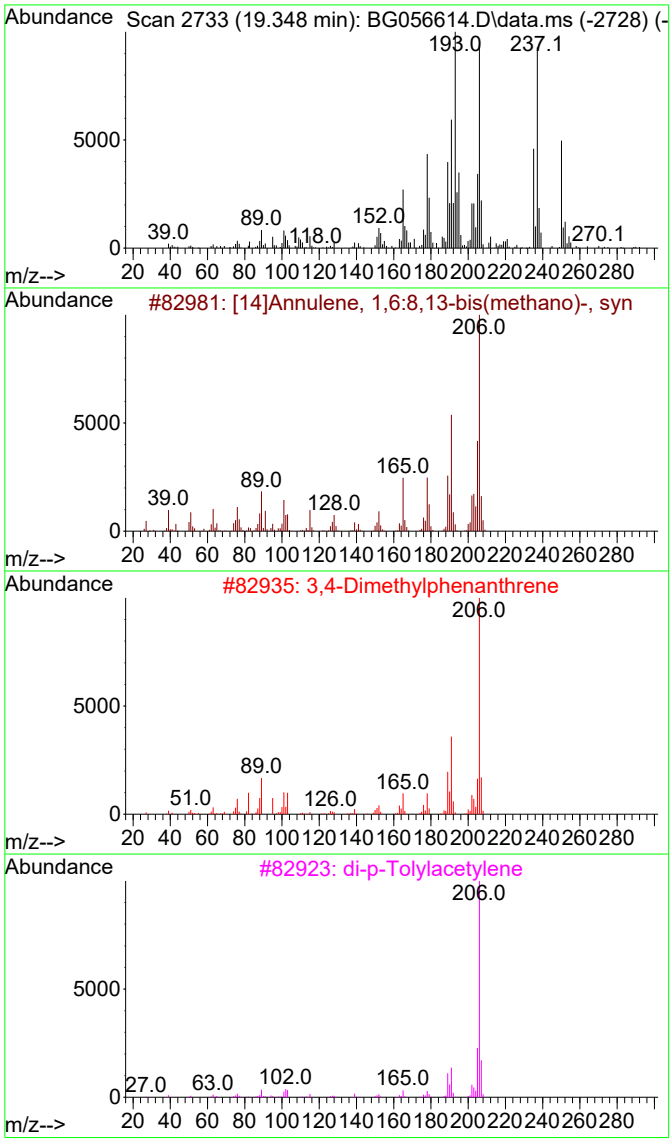
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

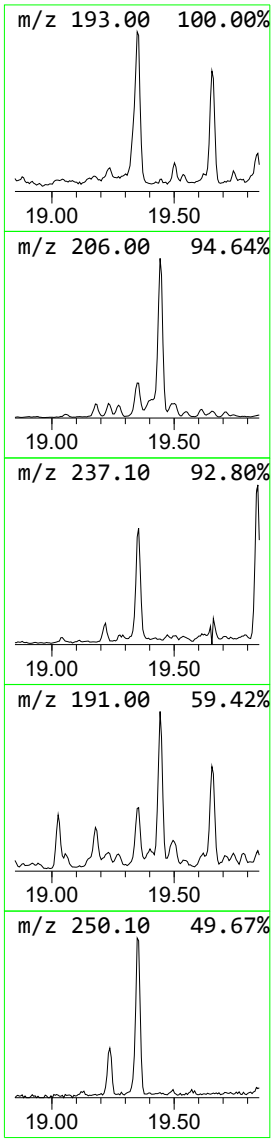
****

Peak Number 8 unknown19.348 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.348	21.55 ng	579853	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	38
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	38
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	38
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	35
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	25





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-51B-020823

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

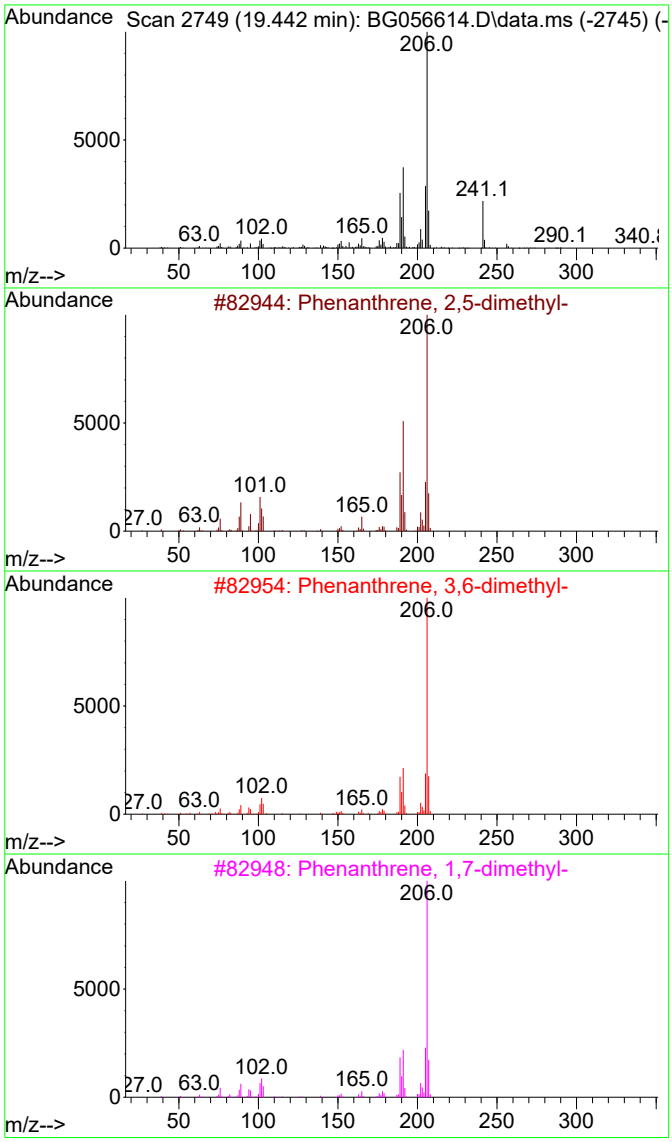
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

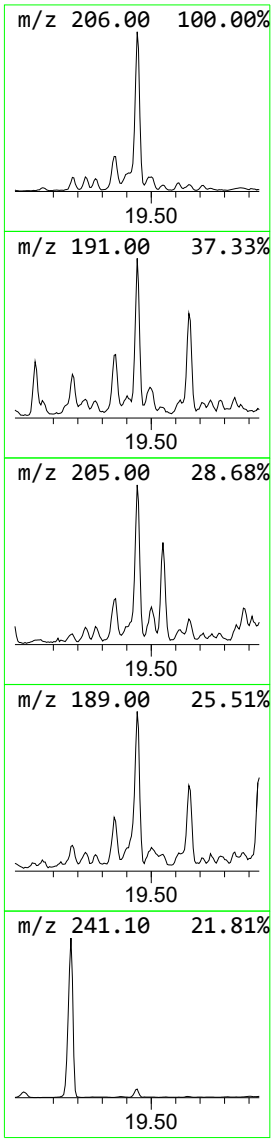
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.442	30.76 ng	827653	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	80





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Operator : CG/JU
Sample : 01510-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-51B-020823

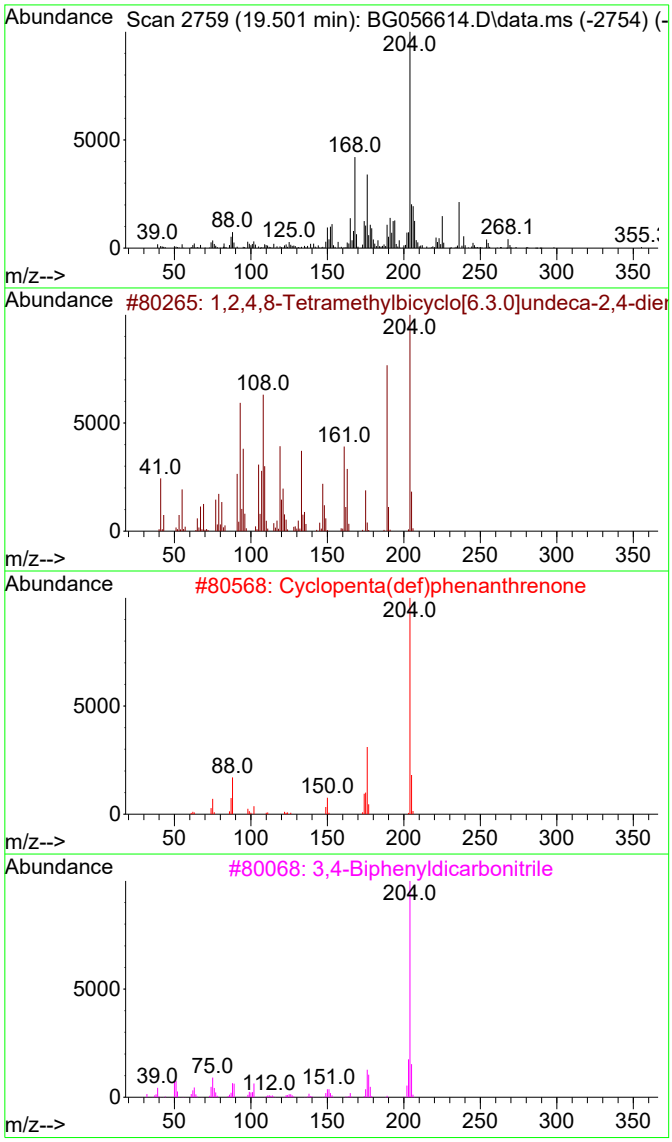
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

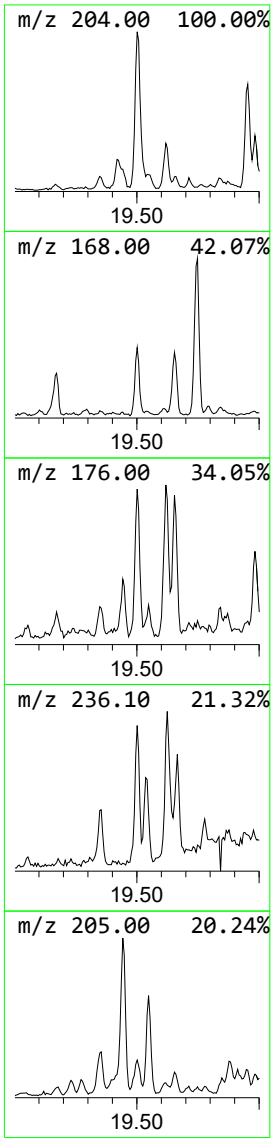
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.501	18.54 ng	498894	Phenanthrene-d10	17.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43
4	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	38
5	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	37





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Misc :
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Instrument :
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ClientSampleId :
JPP-51B-020823

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

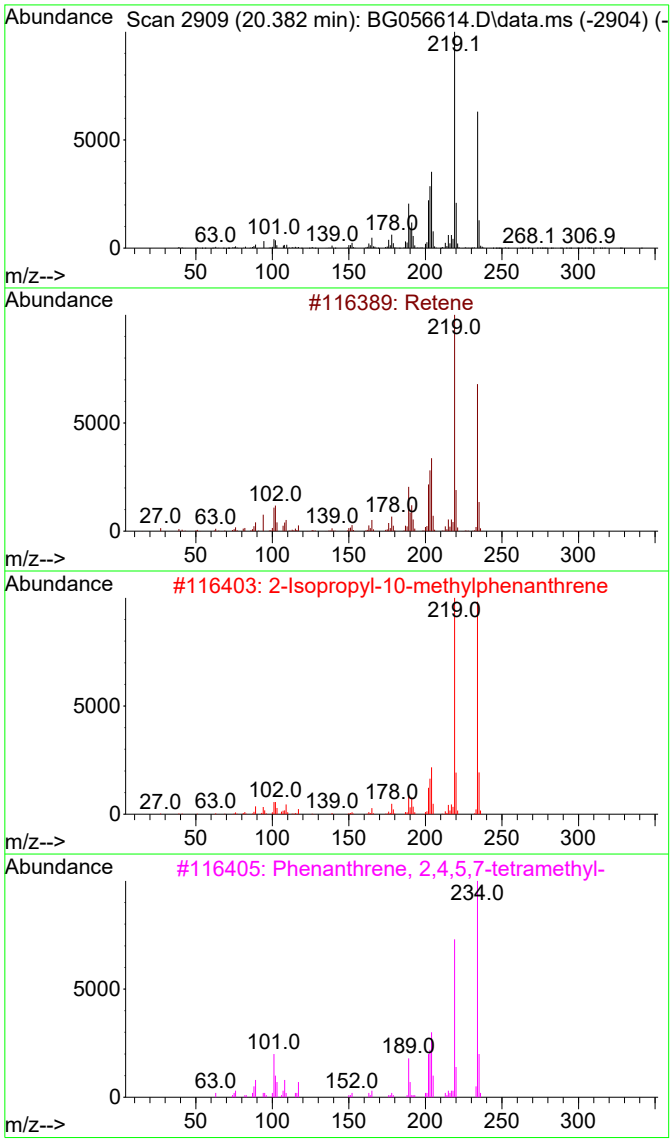
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

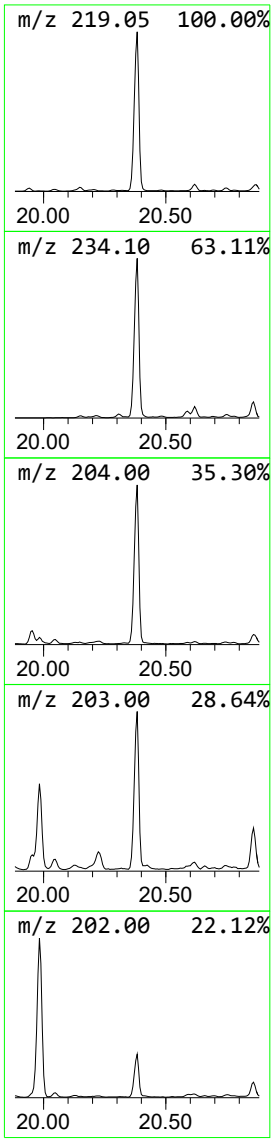
****

Peak Number 11 Retene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.382	44.58 ng	5617320	Chrysene-d12	21.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	70
4	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	53
5	1-(10-Methylanthracen-9-yl)ethanone	234	C17H14O	036778-18-4	52





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Sample : 01510-07
Misc :
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Instrument :
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ClientSampleId :
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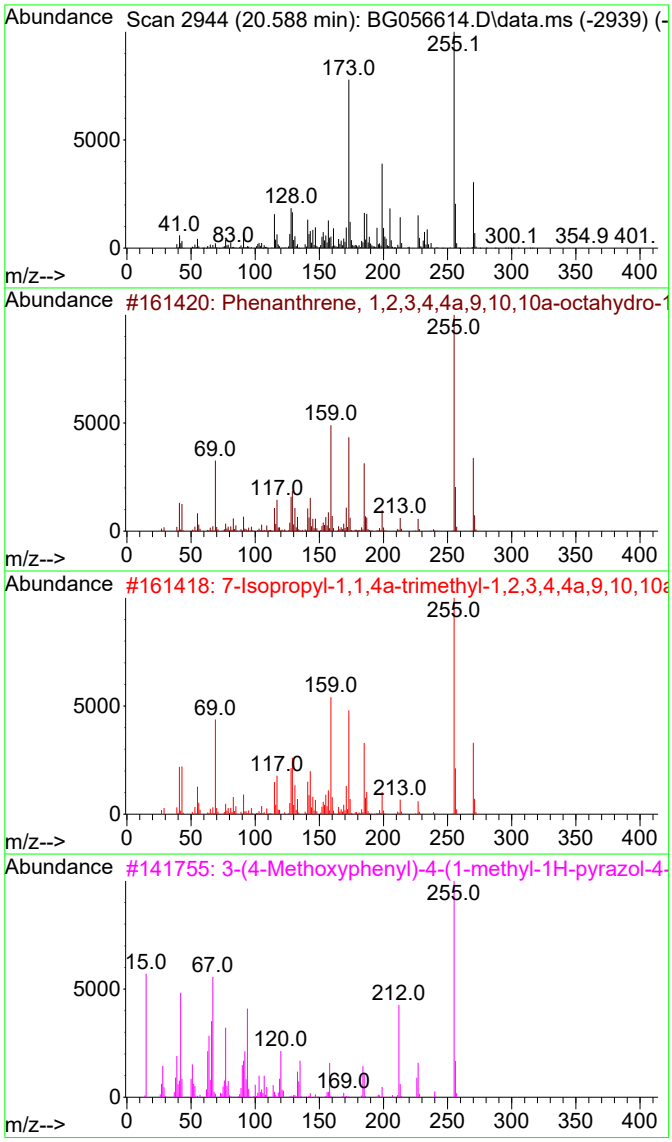
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

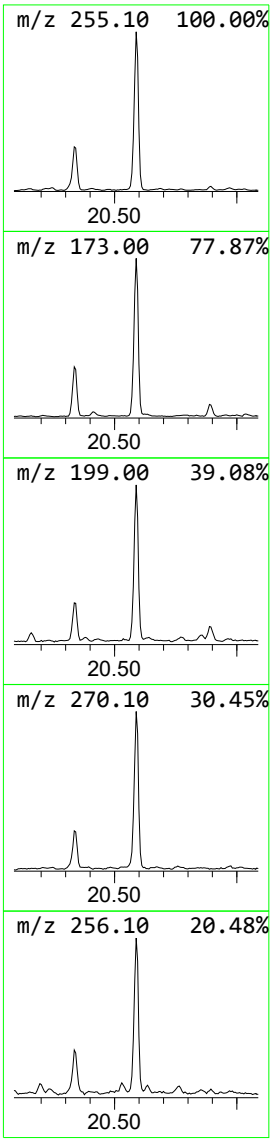
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 1,2,3,4,4a,9,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.588	19.45 ng	2450800	Chrysene-d12	21.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	52
2	7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	109680-01-5	43
3	3-(4-Methoxyphenyl)-4-(1-methyl-...	255	C14H13N3O2	1000461-00-2	38
4	Silane, methylvinyl(1-cyclopenty...	242	C13H26O2Si	1000420-96-6	30
5	S-Indacene-1,7-dione, 2,3,5,6-te...	270	C18H22O2	055591-16-7	27





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Sample : 01510-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

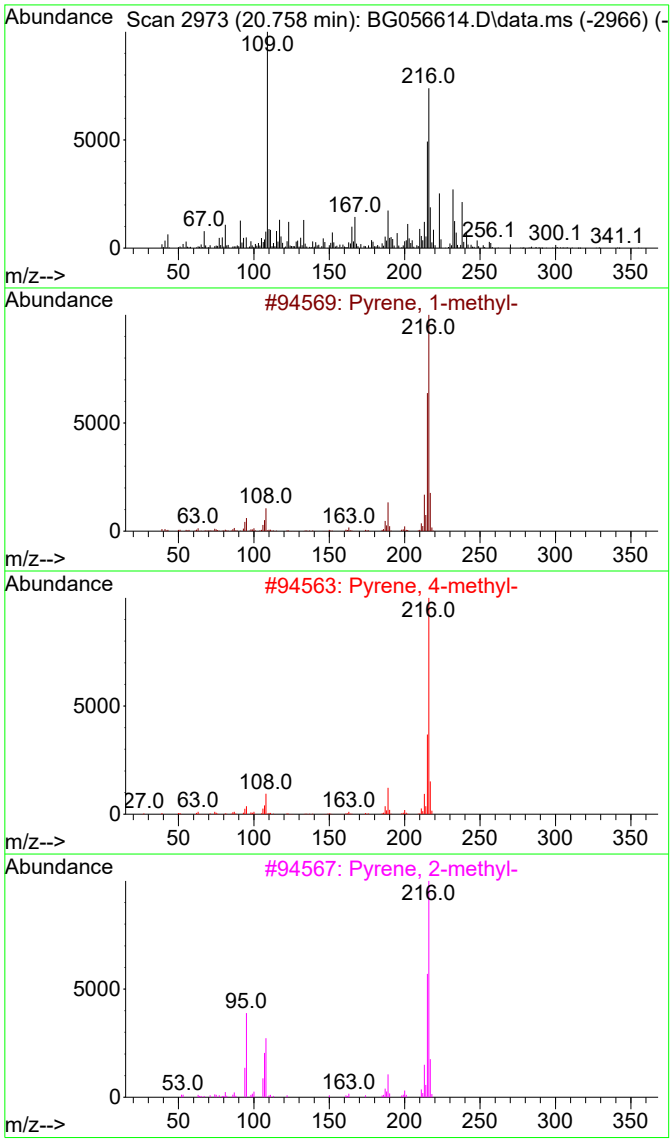
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

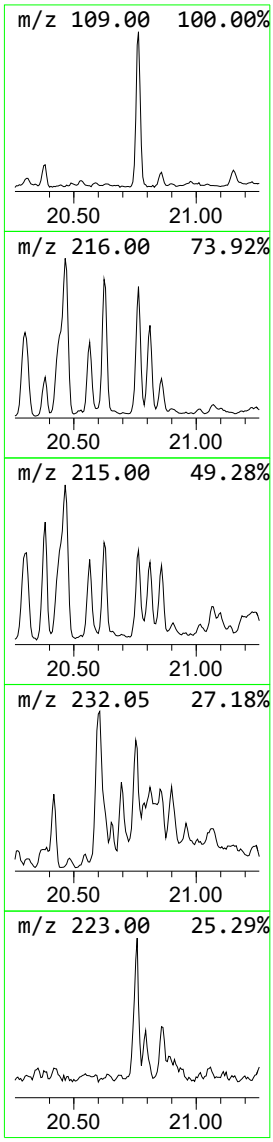
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.759	13.31 ng	1676630	Chrysene-d12	21.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	42
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	42
5	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	38





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

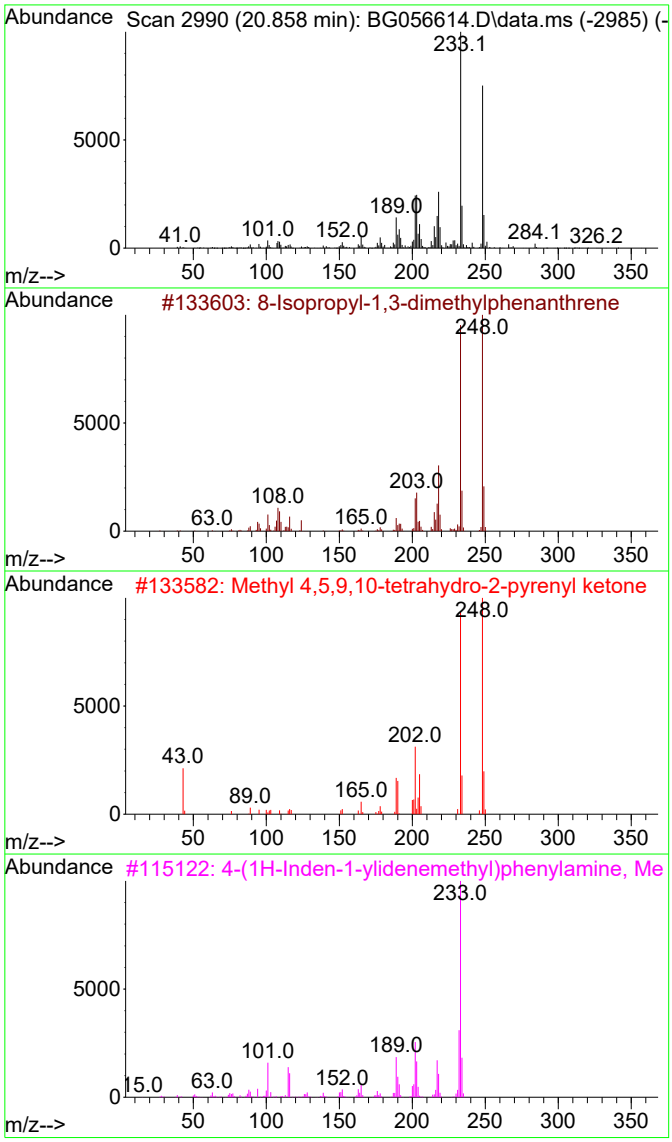
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

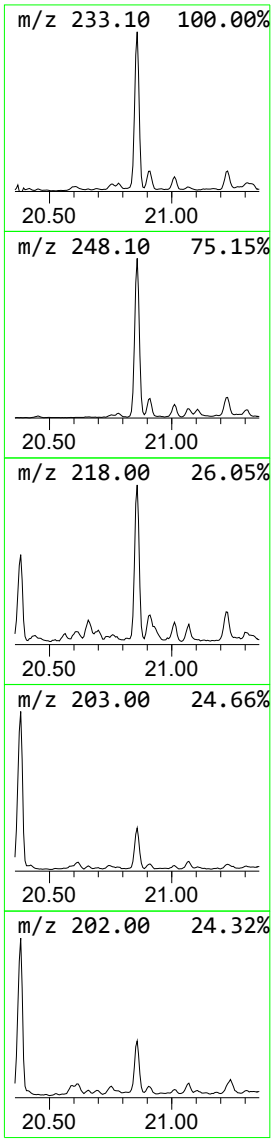
****

Peak Number 14 8-Isopropyl-1,3-dimethylphe... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.858	17.17 ng	2163080	Chrysene-d12	21.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Isopropyl-1,3-dimethylphenanth...	248	C19H20	135886-06-5	95
2	Methyl 4,5,9,10-tetrahydro-2-pyr...	248	C18H16O	1000432-00-9	76
3	4-(1H-Inden-1-ylidenemethyl)phen...	233	C17H15N	1000497-77-2	45
4	1,4-Naphthoquinone, 6-acetyl-2,5...	248	C12H8O6	013378-89-7	43
5	1,1'-Biphenyl, 2-fluoro-2'-hydro...	248	C14H13FO3	095881-16-6	35





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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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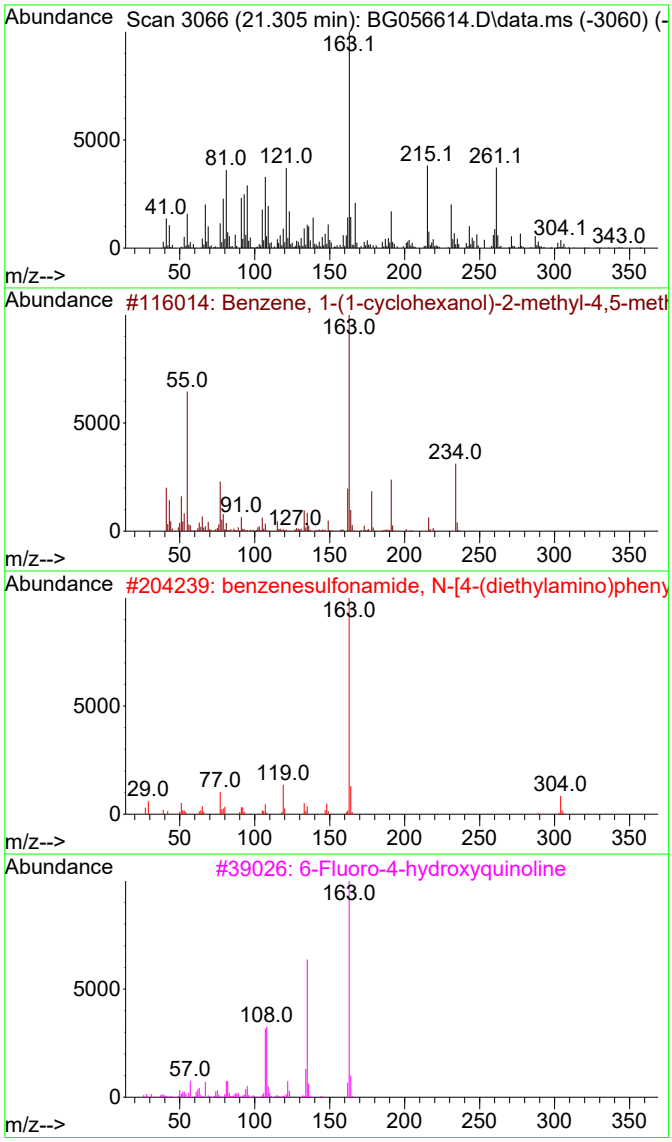
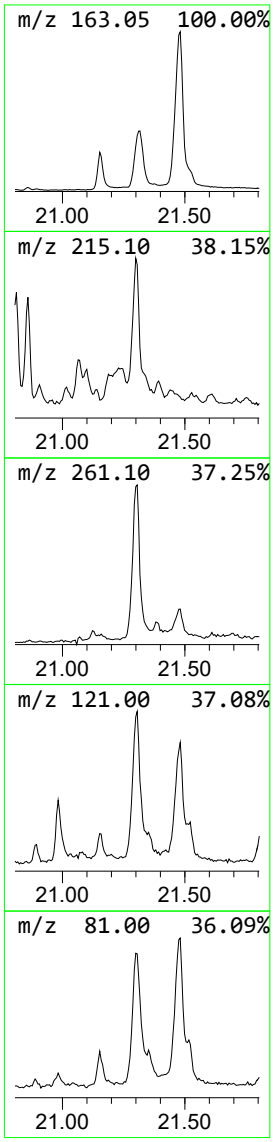
Peak Number 15 unknown21.305 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.305	18.38 ng	2315900	Chrysene-d12	21.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-cyclohexanol)-2-me...	234	C14H18O3	1000111-67-4	35
2	benzenesulfonamide, N-[4-(diethy...	304	C16H20N2O2S	1000402-18-2	30
3	6-Fluoro-4-hydroxyquinoline	163	C9H6FNO	000391-78-6	27
4	1,3-Dimethyladamantan-5-carboxyl...	236	C15H24O2	063263-09-2	27
5	6H-Pyrazolo[3,4-b]pyridin-6-one,...	231	C13H17N3O	1000350-25-6	27





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ClientSampleId :
JPP-51B-020823

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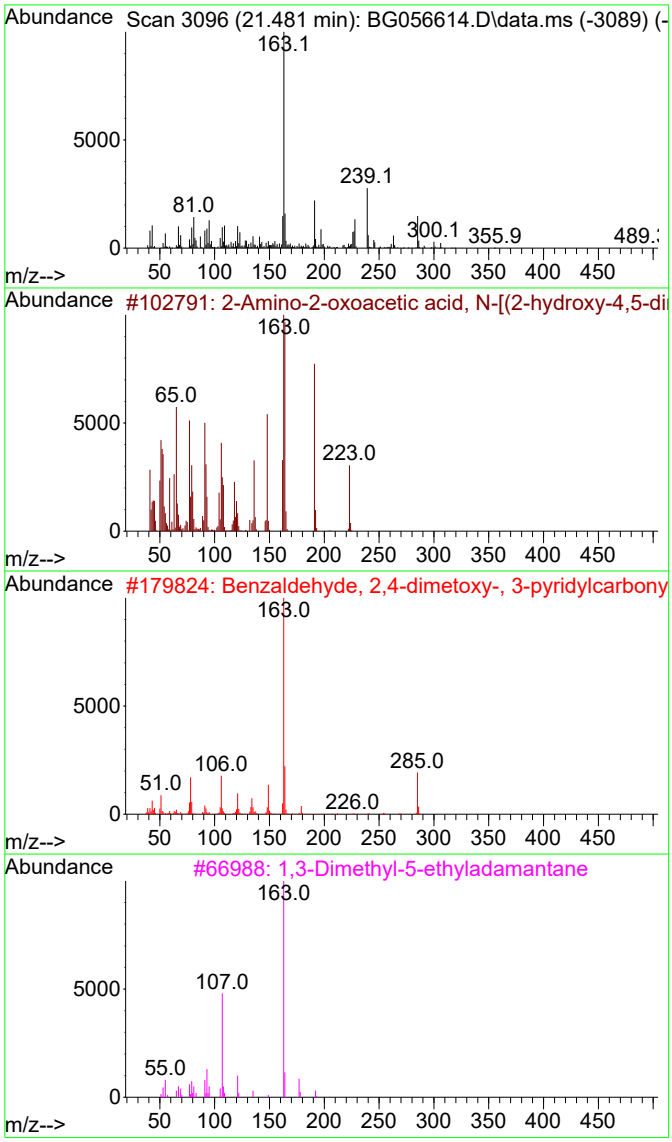
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

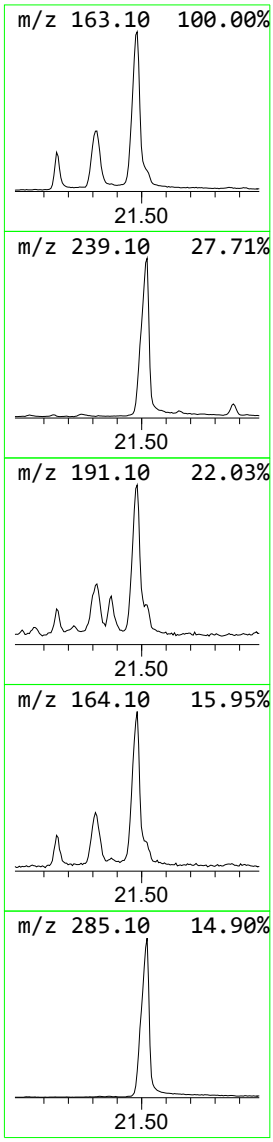
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2-Amino-2-oxoacetic acid, N... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.481	29.95 ng	3773480	Chrysene-d12	21.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-2-oxoacetic acid, N-[(2-...	223	C11H13NO4	1000126-99-8	60
2	Benzaldehyde, 2,4-dimetoxy-, 3-p...	285	C15H15N3O3	200626-65-9	49
3	1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	43
4	1,3-Diethyladamantane	192	C14H24	025074-51-5	43
5	4-Amino-5,6-dimethylfuro[2,3-d]p...	163	C8H9N3O	005117-94-2	35





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ALS Vial : 13 Sample Multiplier: 1

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BNA_G
ClientSampleId :
JPP-51B-020823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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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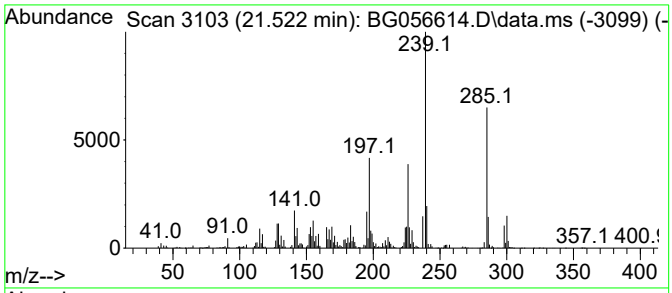
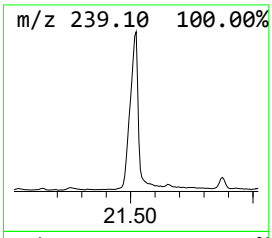
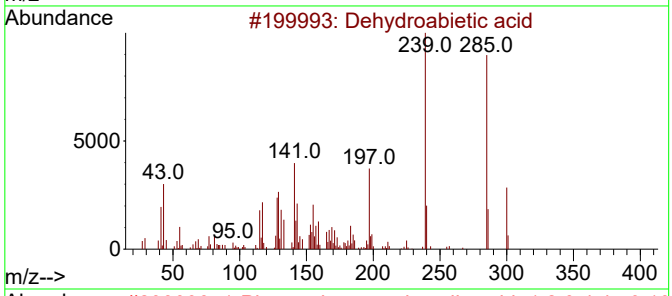
Peak Number 17 Dehydroabietic acid Concentration Rank 5

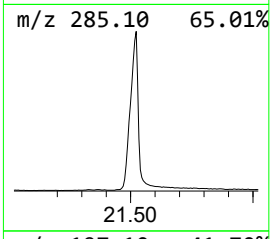
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.522	39.20 ng	4939980	Chrysene-d12	21.869

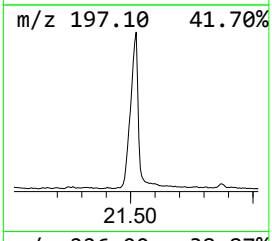
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	99
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	94
3	Trimethylsilyl 2-amino-4-nitrobe...	254	C10H14N2O4Si	1000473-63-5	93
4	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	52
5	Ethyl 4-hydroxy-6-(trifluorometh...	285	C13H10F3NO3	026893-12-9	50

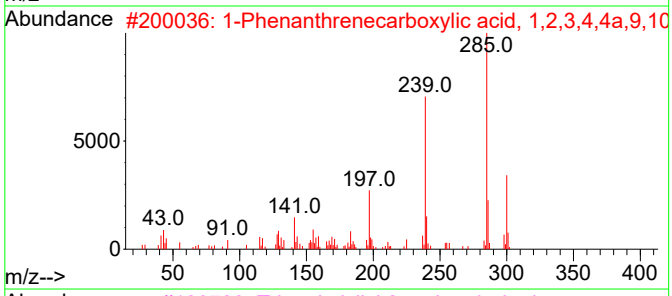


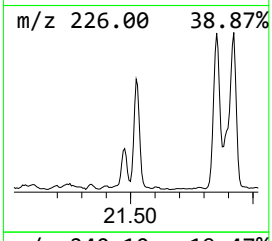


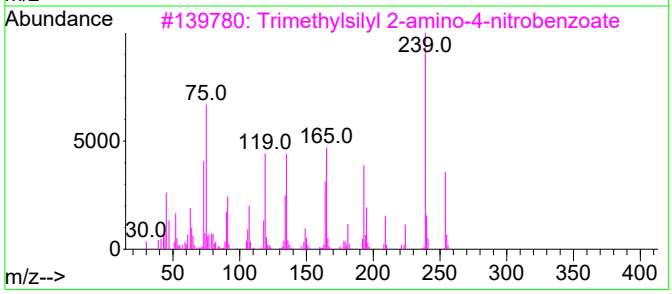


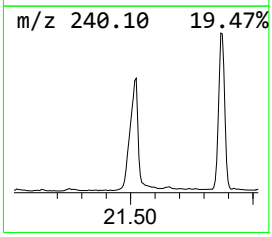












Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056614.D
Acq On : 10 Feb 2023 20:45
Operator : CG/JU
Sample : 01510-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-51B-020823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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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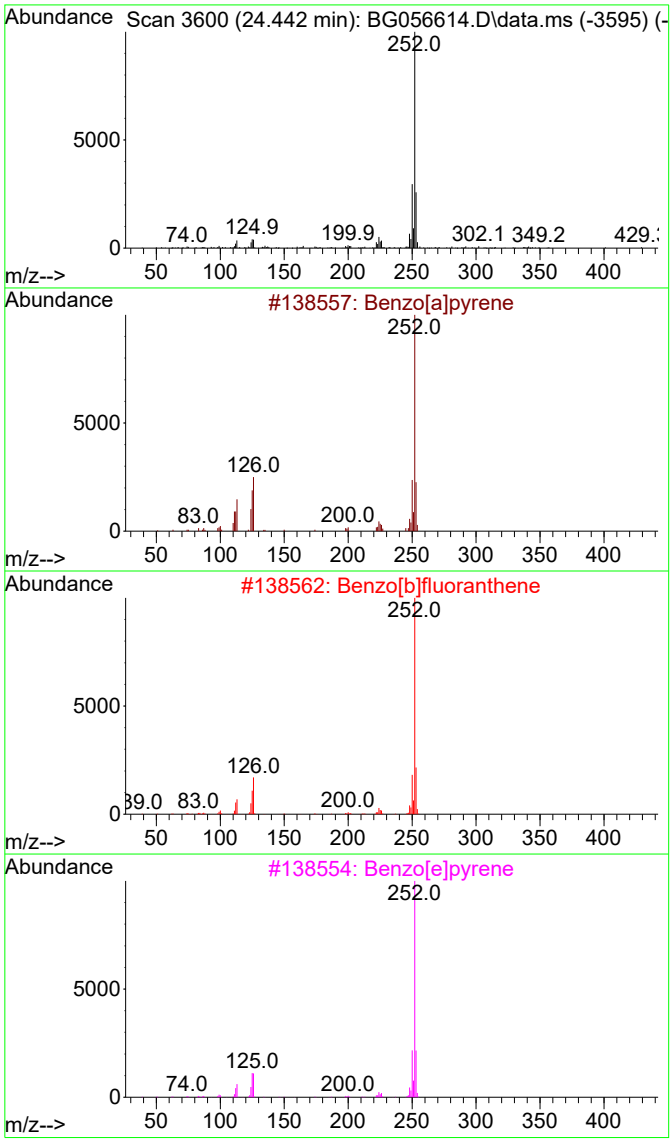
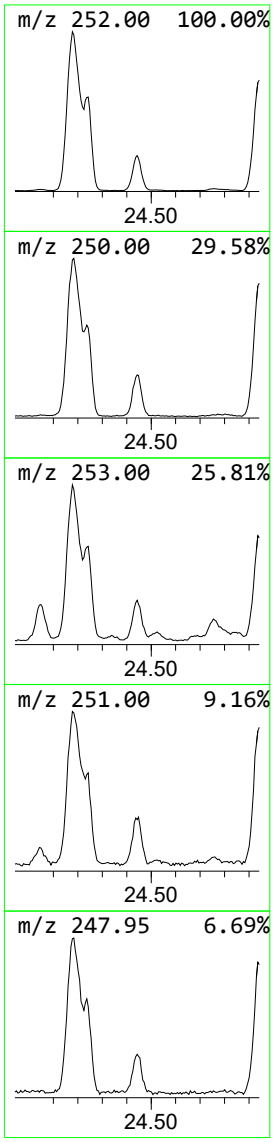
Peak Number 18 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.442	18.73 ng	360988	Perylene-d12	25.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	89
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
3	Benzo[e]pyrene	252	C20H12	000192-97-2	81
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
5	Perylene	252	C20H12	000198-55-0	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056614.D
Acq On : 10 Feb 2023 20:45
Operator : CG/JU
Sample : 01510-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-51B-020823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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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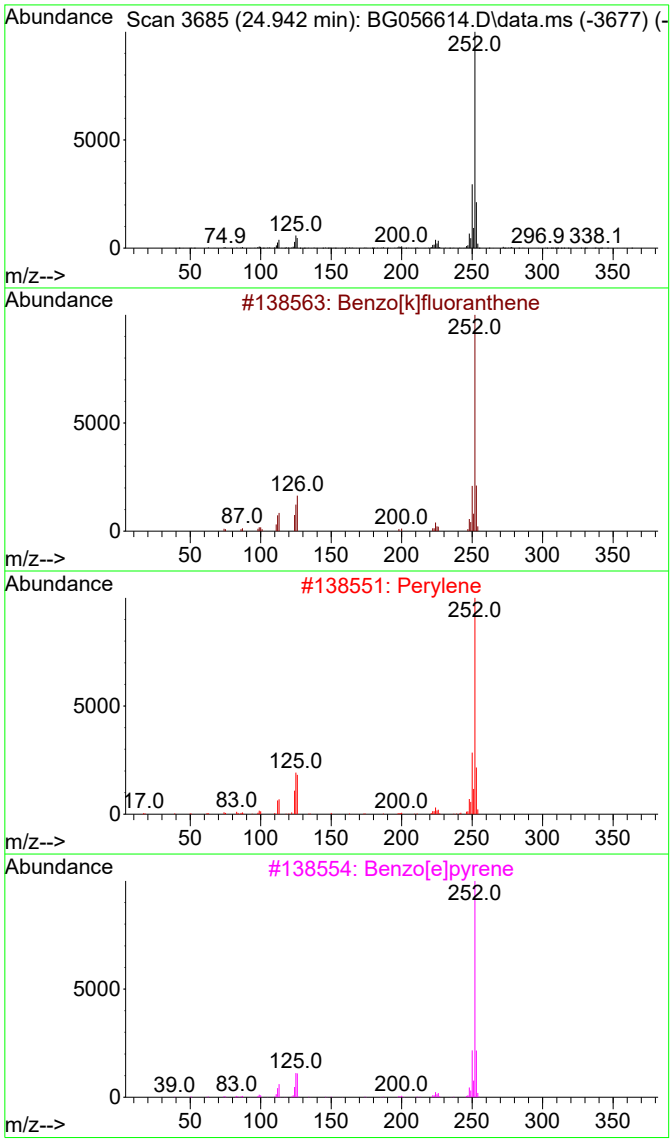
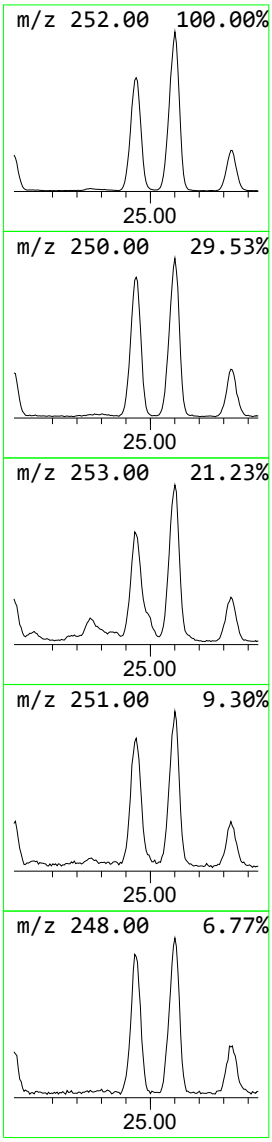
Peak Number 19 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.942	82.54 ng	1590670	Perylene-d12	25.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056614.D
Acq On : 10 Feb 2023 20:45
Operator : CG/JU
Sample : 01510-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-51B-020823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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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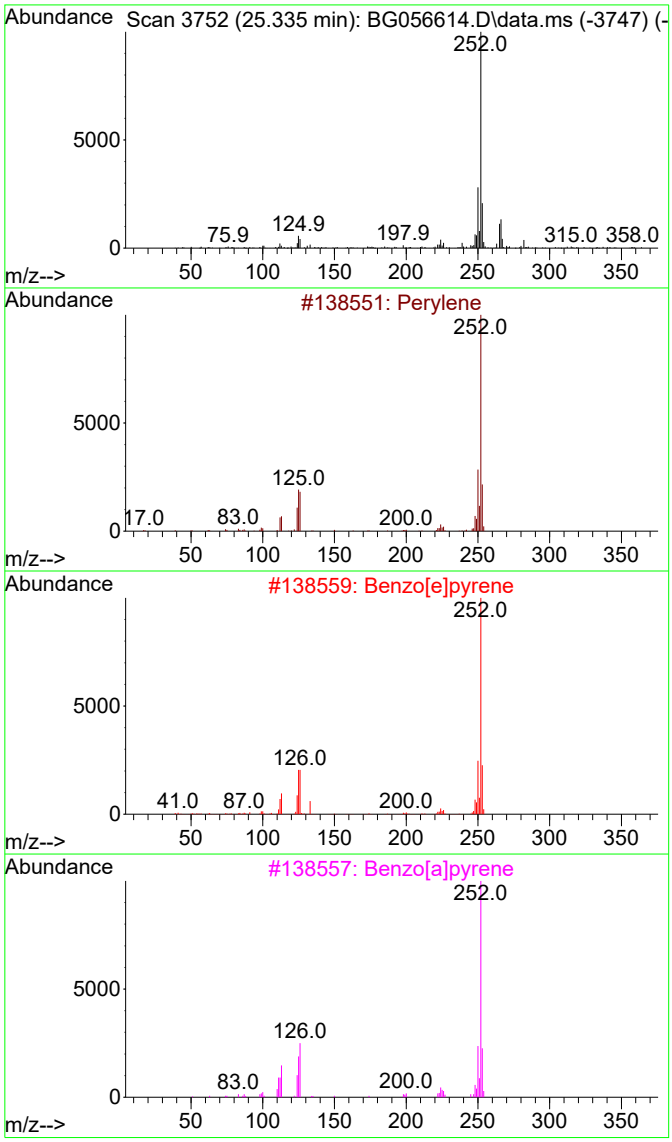
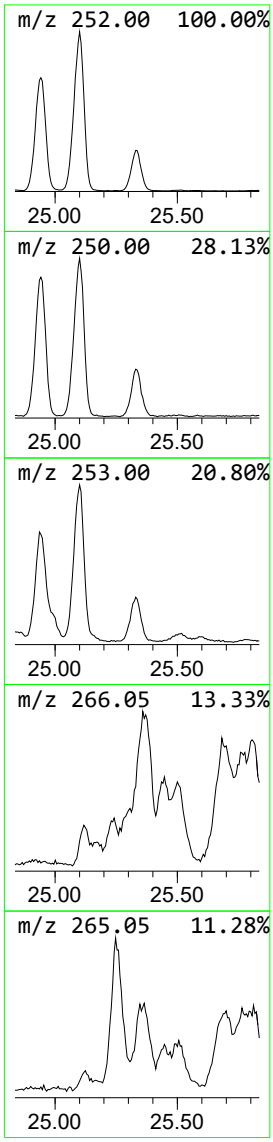
Peak Number 20 unknown25.336 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.336	34.01 ng	655443	Perylene-d12	25.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	92
2	Benzo[e]pyrene	252	C20H12	000192-97-2	92
3	Benzo[a]pyrene	252	C20H12	000050-32-8	86
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	70
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056614.D
Acq On : 10 Feb 2023 20:45
Operator : CG/JU
Sample : 01510-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-51B-020823

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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...	18.496	15.9	ng	426636	4	17.580	538060	20.0
4H-Cyclopenta[d...	18.649	17.6	ng	473615	4	17.580	538060	20.0
unknown18.849	18.849	23.9	ng	644356	4	17.580	538060	20.0
4b,8-Dimethyl-2...	18.896	46.3	ng	1246680	4	17.580	538060	20.0
(1S,4aS,4bS,7S,...	19.025	24.6	ng	661868	4	17.580	538060	20.0
unknown19.172	19.172	233.4	ng	6280480	4	17.580	538060	20.0
10,18-Bisnorabi...	19.290	15.5	ng	416390	4	17.580	538060	20.0
unknown19.348	19.348	21.6	ng	579853	4	17.580	538060	20.0
Phenanthrene, 2...	19.442	30.8	ng	827653	4	17.580	538060	20.0
1,2,4,8-Tetrame...	19.501	18.5	ng	498894	4	17.580	538060	20.0
Retene	20.382	44.6	ng	5617320	5	21.869	2520170	20.0
Phenanthrene, 1...	20.588	19.4	ng	2450800	5	21.869	2520170	20.0
Pyrene, 1-methyl-	20.759	13.3	ng	1676630	5	21.869	2520170	20.0
8-Isopropyl-1,3...	20.858	17.2	ng	2163080	5	21.869	2520170	20.0
unknown21.305	21.305	18.4	ng	2315900	5	21.869	2520170	20.0
2-Amino-2-oxoac...	21.481	29.9	ng	3773480	5	21.869	2520170	20.0
Dehydroabietic ...	21.522	39.2	ng	4939980	5	21.869	2520170	20.0
Benzo[e]pyrene	24.442	18.7	ng	360988	6	25.253	385444	20.0
Perylene	24.942	82.5	ng	1590670	6	25.253	385444	20.0
unknown25.336	25.336	34.0	ng	655443	6	25.253	385444	20.0