LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056615.D
Acq On : 10 Feb 2023 21:26
Operator : CG/JU
Sample : 01510-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JPP-55-020823

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: BG056615.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.246	326	333	342	rBV	77443	118632	6.11%	0.517%
2	5.739	410	417	429	rBV	324374	525247	27.06%	2.288%
3	7.373	686	695	708	rBV	321775	556880	28.69%	2.426%
4	8.213	831	838	845	rBB	123022	191419	9.86%	0.834%
5	9.394	1031	1039	1050	rBB	189085	341625	17.60%	1.488%
6	11.045	1313	1320	1325	rBV	157399	268579	13.84%	1.170%
7	11.098	1325	1329	1337	rVB2	21378	37191	1.92%	0.162%
8	12.684	1593	1599	1606	rBV2	17182	26739	1.38%	0.116%
9	12.902	1629	1636	1642	rBB2	12972	23818	1.23%	0.104%
10	13.466	1723	1732	1739	rBV	698590	1085273	55.92%	4.728%
11	14.159	1845	1850	1854	rBV3	16433	29176	1.50%	0.127%
12	14.841	1960	1966	1972	rVV2	273527	423379	21.82%	1.845%
13	14.905	1972	1977	1983	rVB	56864	90798	4.68%	0.396%
14	15.146	2008	2018	2023	rBV6	12456	36008	1.86%	0.157%
15	15.234	2027	2033	2039	rVB2	38105	63237	3.26%	0.276%
16	15.299	2041	2044	2051	rVB4	13178	21267	1.10%	0.093%
17	15.446	2064	2069	2073	rBV4	13233	22218	1.14%	0.097%
18	15.616	2092	2098	2100	rBV4	12226	23727	1.22%	0.103%
19	15.640	2100	2102	2109	rVB3	17260	26274	1.35%	0.114%
20	15.881	2137	2143	2152	rBV2	64951	107271	5.53%	0.467%
21	16.039	2167	2170	2174	rVB3	26917	40568	2.09%	0.177%
22	16.180	2188	2194	2200	rVB2	246342	368129	18.97%	1.604%
23	16.327	2213	2219	2226	rBV2	471404	736676	37.96%	3.210%
24	16.521	2245	2252	2263	rVB5	32872	90897	4.68%	0.396%
25	16.744	2285	2290	2295	rVV	30475	47993	2.47%	0.209%
26	16.844	2302	2307	2308	rBV5	19878	26699	1.38%	0.116%
27	17.138	2355	2357	2366	rVB4	18548	31952	1.65%	0.139%
28	17.232	2368	2373	2379	rBV	39836	64937	3.35%	0.283%
29	17.296	2380	2384	2386	rVV3	26365	39751	2.05%	0.173%
30	17.332	2386	2390	2394	rVV5	31797	59708	3.08%	0.260%
31	17.396	2398	2401	2408	rVB2	42575	66651	3.43%	0.290%
32	17.579	2427	2432	2435	rBV	327446	479135	24.69%	2.087%
33	17.626	2435	2440	2446	rVB	664191	1011953	52.14%	4.409%
34	17.714	2450	2455	2460	rVV	162502	232277	11.97%	1.012%
35	17.984	2497	2501	2506	rVB	39591	63360	3.26%	0.276%
36	18.084	2515	2518	2523	rBV	22185	30801	1.59%	0.134%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056615.D
Acq On : 10 Feb 2023 21:26
Operator : CG/JU
Sample : 01510-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JPP-55-020823

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	18.448	2575	2580	2584	rBV	130638	205134	10.57%	0.894%
38	18.495	2584	2588	2596	rVB	162995	236369	12.18%	1.030%
39	18.577	2597	2602	2607	rBV	81205	123643	6.37%	0.539%
40	18.648	2607	2614	2617	rBV2	192541	379780	19.57%	1.655%
41	18.677	2617	2619	2623	rVB	107660	125405	6.46%	0.546%
42	18.936	2659	2663	2668	rVB	100484	136719	7.04%	0.596%
43	18.989	2668	2672	2675	rBV	52452	77350	3.99%	0.337%
44	19.024	2675	2678	2683	rVV2	101214	131443	6.77%	0.573%
45	19.165	2698	2702	2709	rVB3	90995	153551	7.91%	0.669%
46	19.347	2729	2733	2737	rBV	94449	150915	7.78%	0.657%
47	19.617	2773	2779	2783	rBV	1296977	1940689	100.00%	8.455%
48	19.653	2783	2785	2790	rVB2	217160	259831	13.39%	1.132%
49	19.946	2830	2835	2837	rBV2	239243	394899	20.35%	1.720%
50	19.982	2837	2841	2847	rVB	1215713	1678915	86.51%	7.315%
51	20.040	2848	2851	2858	rVB3	102500	151936	7.83%	0.662%
52	20.117	2861	2864	2866	rBV	52713	62992	3.25%	0.274%
53	20.158	2866	2871	2876	rVB	1155637	1466241	75.55%	6.388%
54	20.299	2890	2895	2901	rVB2	102869	216863	11.17%	0.945%
55	20.375	2904	2908	2911	rVV	148406	196931	10.15%	0.858%
56	20.463	2912	2923	2928	rVB	256390	562005	28.96%	2.449%
57	20.557	2935	2939	2943	rBV	193610	287215	14.80%	1.251%
58	20.757	2970	2973	2977	rVB	89889	109198	5.63%	0.476%
59	20.804	2978	2981	2984	rVB	86704	97866	5.04%	0.426%
60	20.886	2993	2995	2999	rBV3	50664	57817	2.98%	0.252%
61	21.427	3083	3087	3090	rBV2	85204	154685	7.97%	0.674%
62	21.521	3099	3103	3108	rBV2	110588	179185	9.23%	0.781%
63	21.844	3152	3158	3165	rBV3	685874	1689311	87.05%	7.360%
64	21.909	3165	3169	3175	rVB	545777	889910	45.86%	3.877%
65	22.067	3192	3196	3205	rBV	102063	161699	8.33%	0.704%
66	24.165	3545	3553	3560	rBV2	363527	1207213	62.21%	5.260%
67	24.923	3676	3682	3696	rVB2	234020	716626	36.93%	3.122%
68	25.081	3702	3709	3721	rVB	346496	955892	49.26%	4.165%
69	25.234	3729	3735	3743	rBV2	151813	384408	19.81%	1.675%

Sum of corrected areas: 22952881

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
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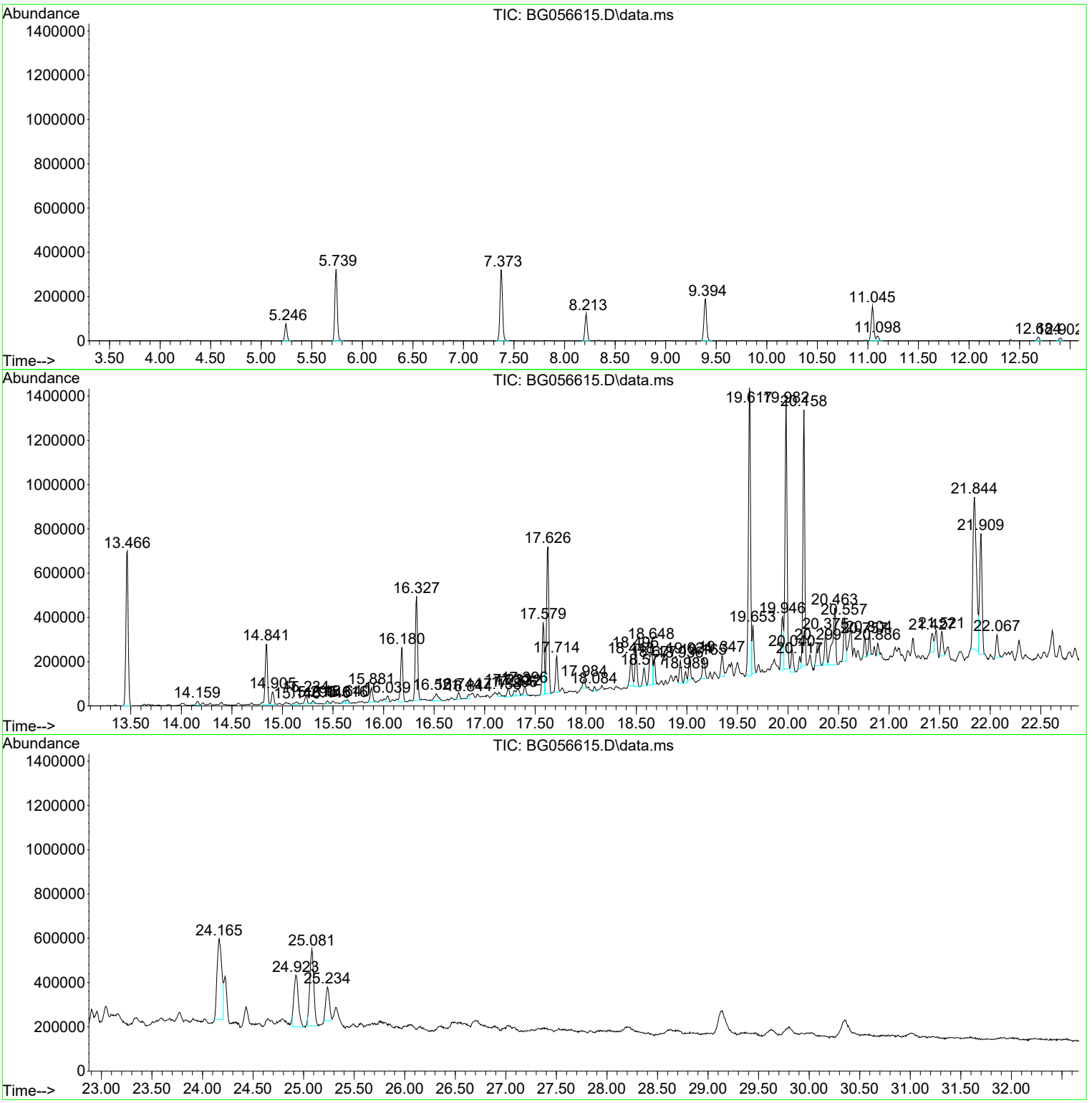
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-55-020823

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 : BG056615.D
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Operator : CG/JU
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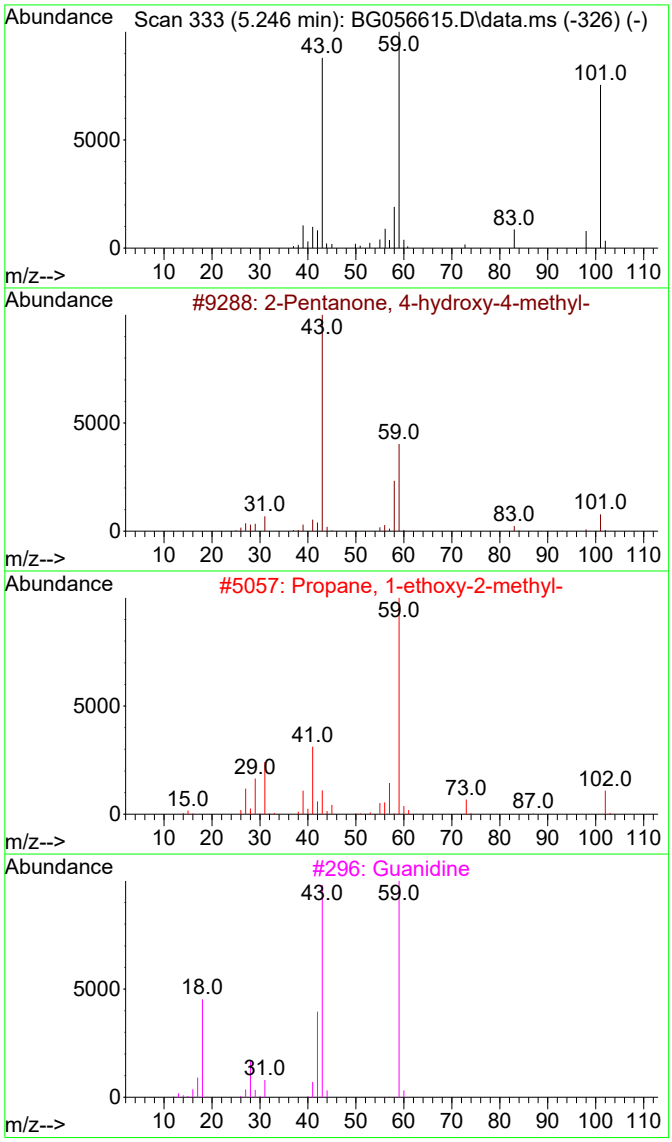
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

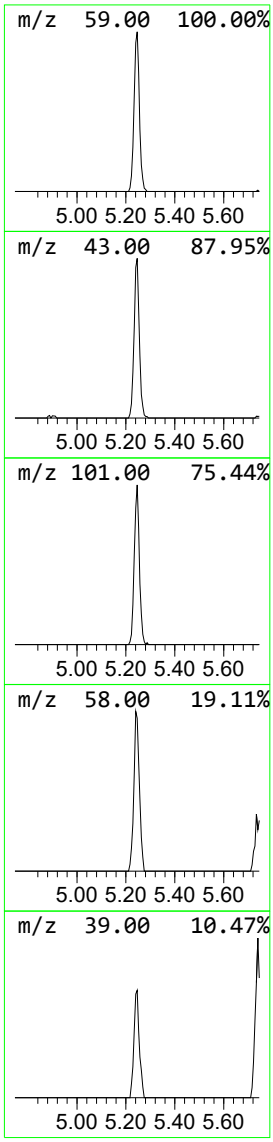
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.246	12.40 ng	118632	1,4-Dichlorobenzene-d4	8.213

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	30
3	Guanidine	59	CH5N3	000113-00-8	17
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	16
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056615.D
Acq On : 10 Feb 2023 21:26
Operator : CG/JU
Sample : 01510-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-55-020823

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

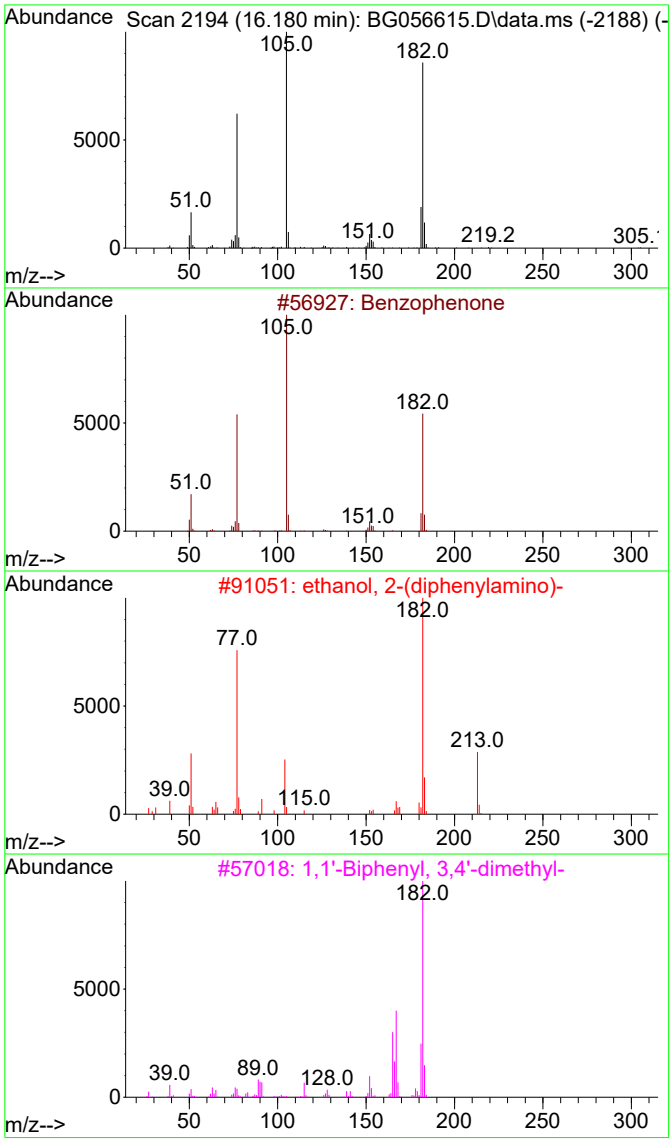
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

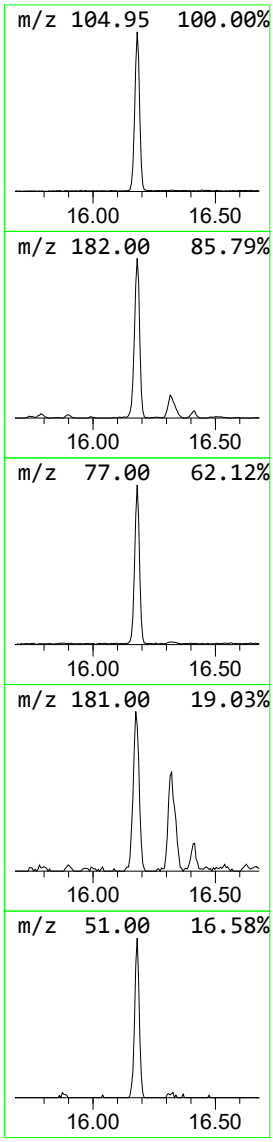
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.180	17.39 ng	368129	Acenaphthene-d10	14.841

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	ethanol, 2-(diphenylamino)-	213	C14H15NO	1000400-66-8	53
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	52
4	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	49
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056615.D
Acq On : 10 Feb 2023 21:26
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Sample : 01510-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-55-020823

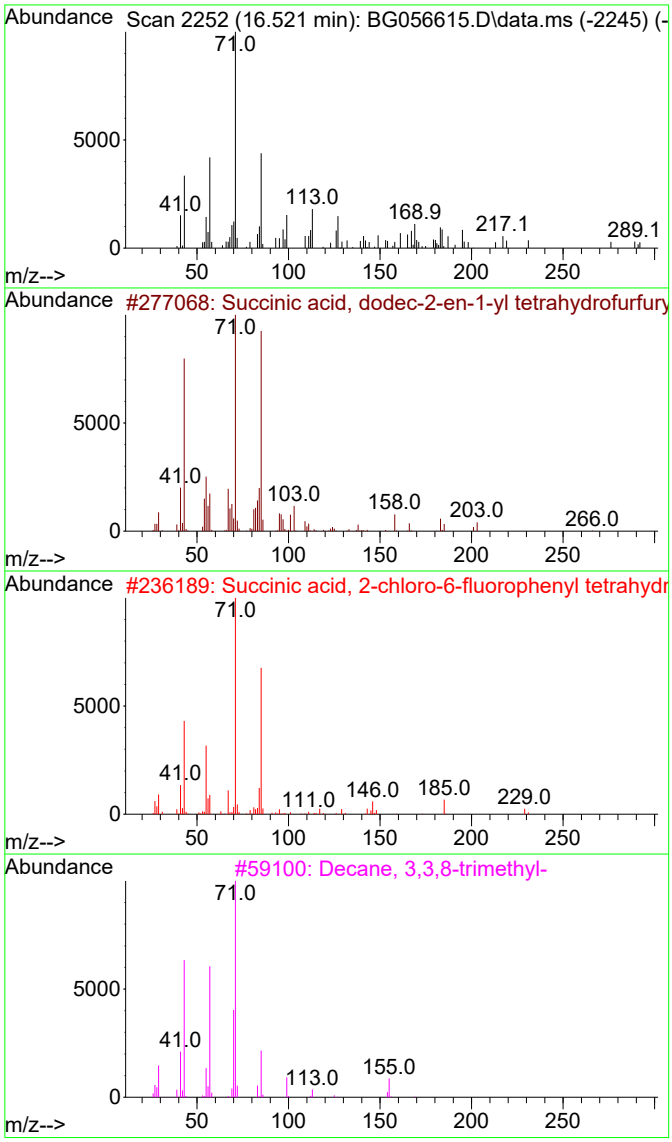
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

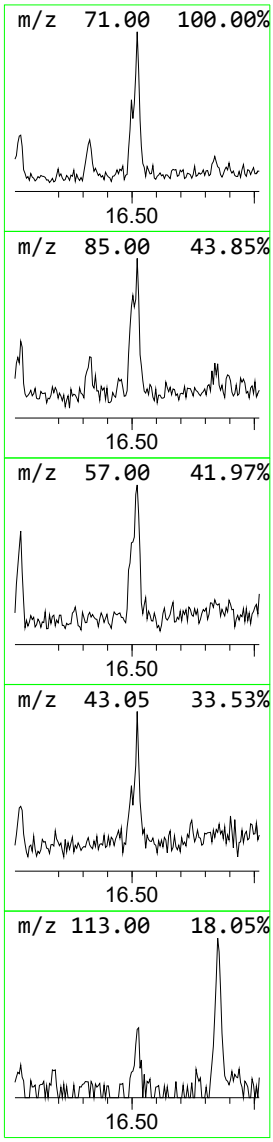
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Succinic acid, dodec-2-en-1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.521	3.79 ng	90897	Phenanthrene-d10	17.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, dodec-2-en-1-yl t...	368	C21H36O5	1000390-72-8	53
2	Succinic acid, 2-chloro-6-fluoro...	330	C15H16ClFO5	1000390-72-1	50
3	Decane, 3,3,8-trimethyl-	184	C13H28	062338-16-3	47
4	Fumaric acid, undecyl tetrahydro...	354	C20H34O5	1000330-58-5	43
5	Succinic acid, dodecyl tetrahydr...	370	C21H38O5	1000329-87-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056615.D
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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JPP-55-020823

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

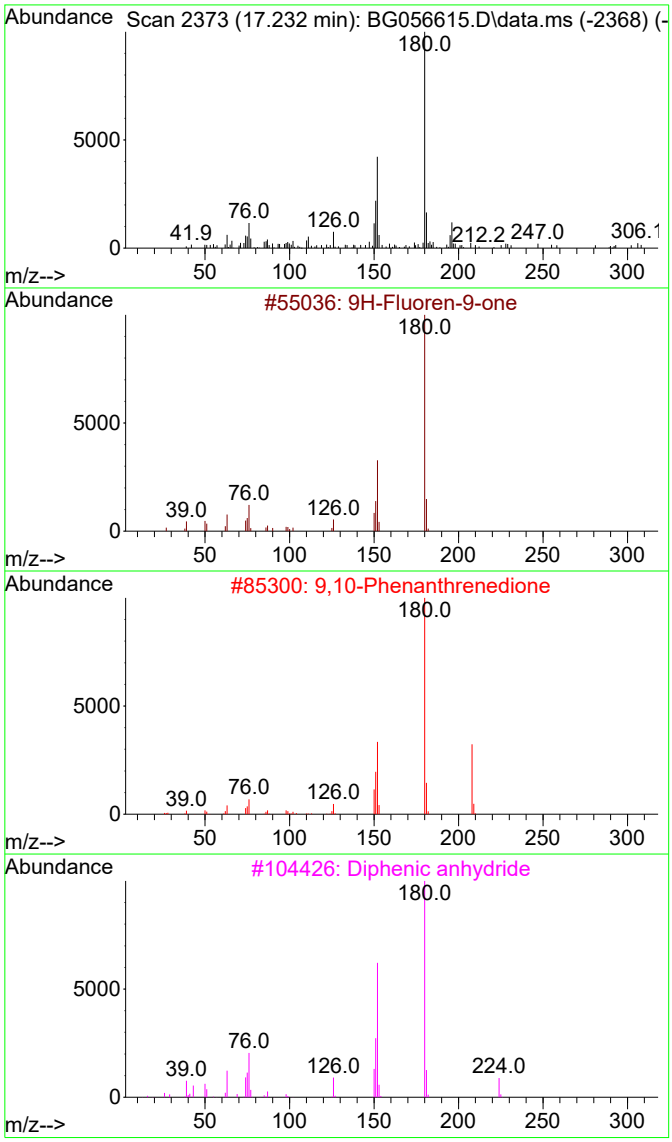
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

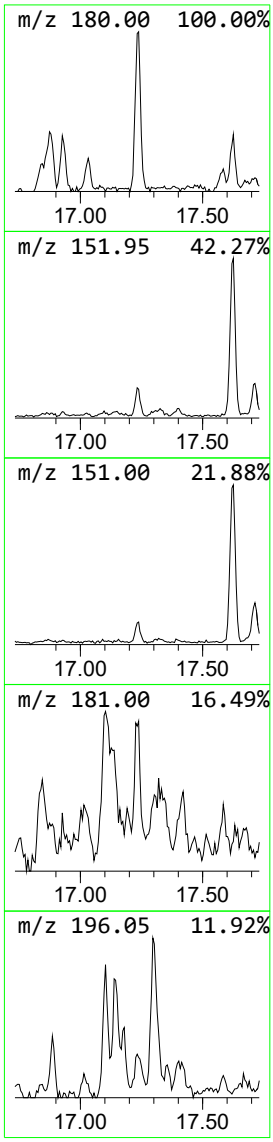
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.232	2.71 ng	64937	Phenanthrene-d10	17.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
3	Diphenic anhydride	224	C14H8O3	006050-13-1	78
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	72
5	1,3-Benzenedicarboxaldehyde, 2,4...	180	C9H8O4	010209-57-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056615.D
Acq On : 10 Feb 2023 21:26
Operator : CG/JU
Sample : 01510-11
Misc :
ALS Vial : 14 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

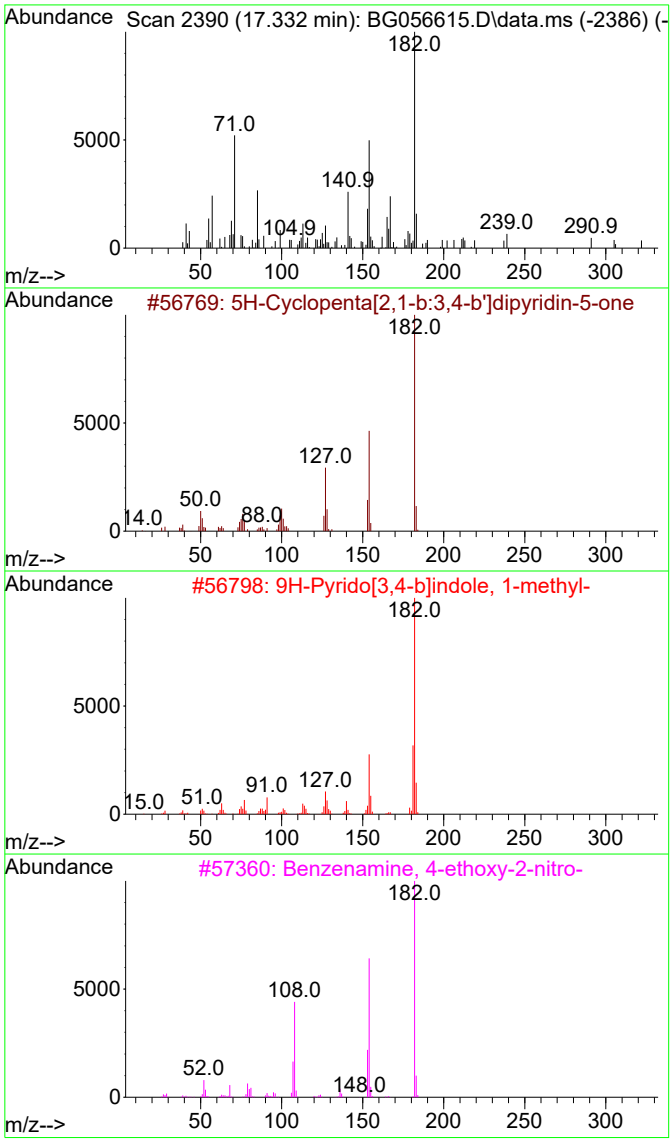
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

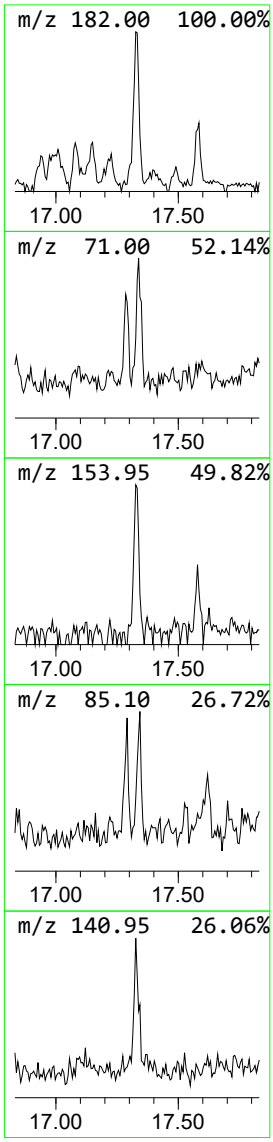
****

Peak Number 5 unknown17.332 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.332	2.49 ng	59708	Phenanthrene-d10	17.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Cyclopenta[2,1-b:3,4-b']dipyr...	182	C11H6N2O	050890-67-0	38
2	9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	38
3	Benzenamine, 4-ethoxy-2-nitro-	182	C8H10N2O3	000616-86-4	38
4	2-(methylamino)-5,6-dihydro-1,3-...	182	C8H10N2OS	1000285-58-7	30
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056615.D
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Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-55-020823

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

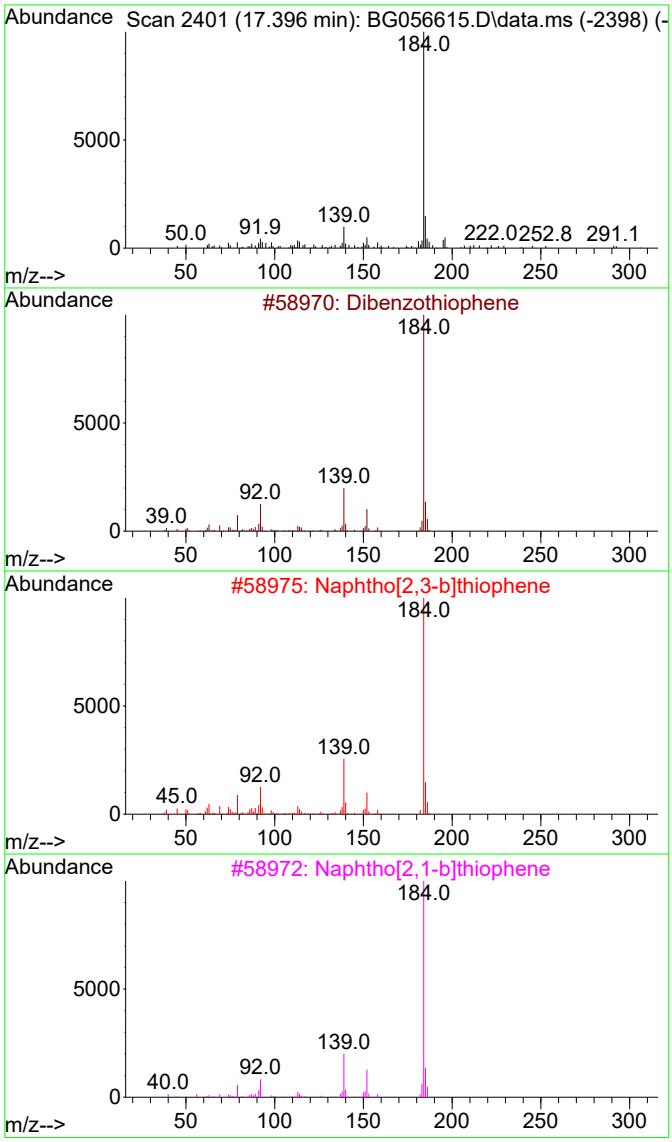
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

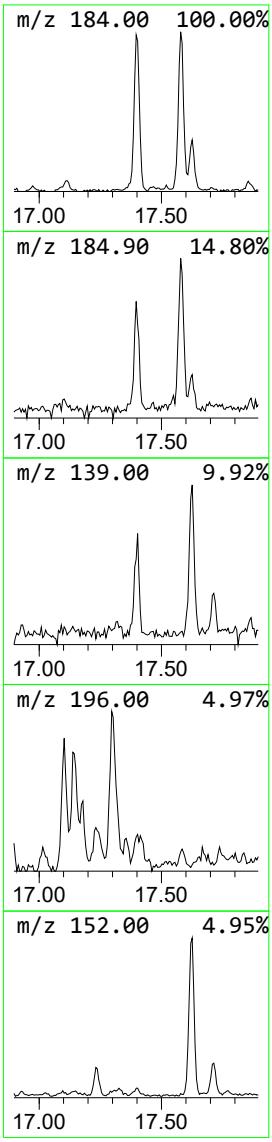
****

Peak Number 6 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.396	2.78 ng	66651	Phenanthrene-d10	17.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	83
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	72
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	64
4	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	64
5	Pipecolylpipecolic acid, N-butox...	480	C27H48N2O5	1000393-07-1	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056615.D
Acq On : 10 Feb 2023 21:26
Operator : CG/JU
Sample : 01510-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-55-020823

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

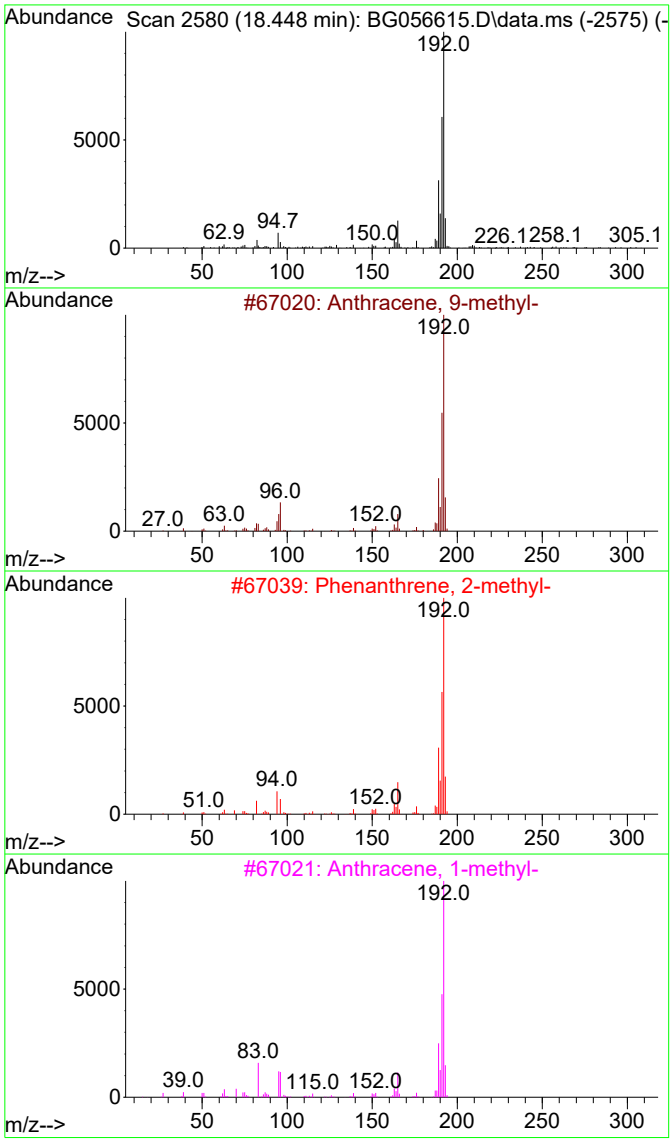
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

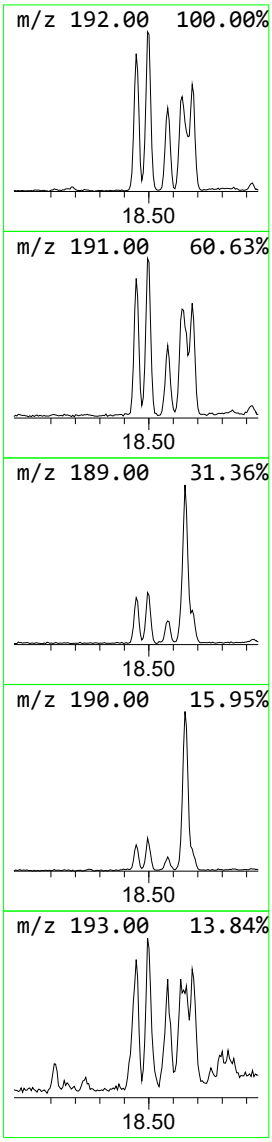
****

Peak Number 7 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.448	8.56 ng	205134	Phenanthrene-d10	17.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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Acq On : 10 Feb 2023 21:26
Operator : CG/JU
Sample : 01510-11
Misc :
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Instrument :
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ClientSampleId :
JPP-55-020823

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

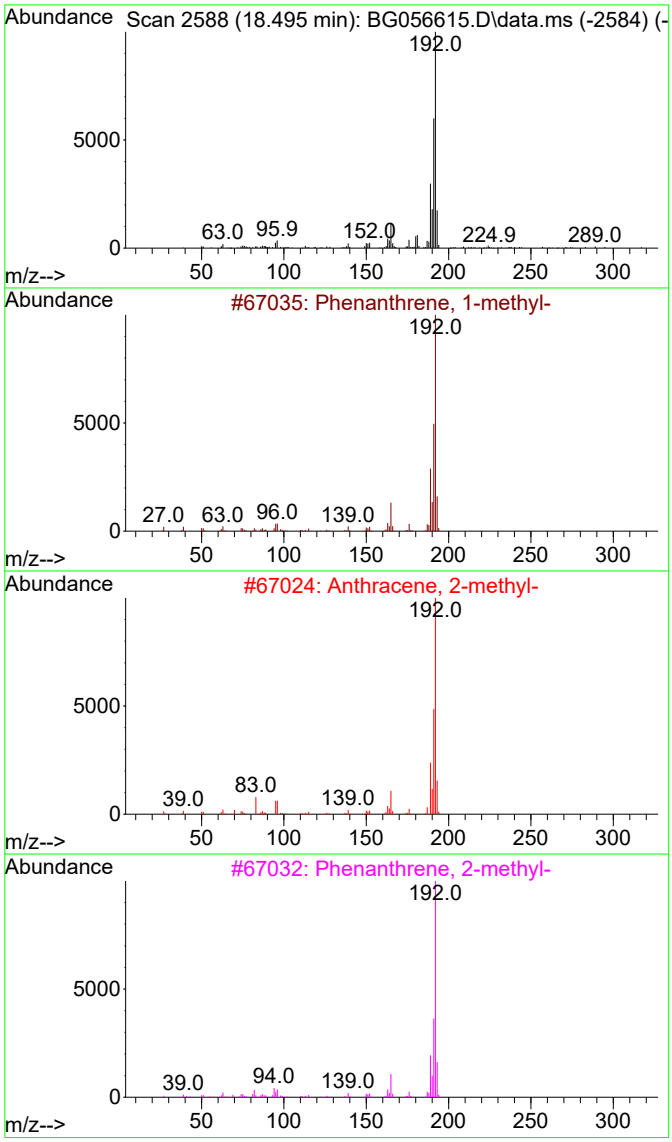
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

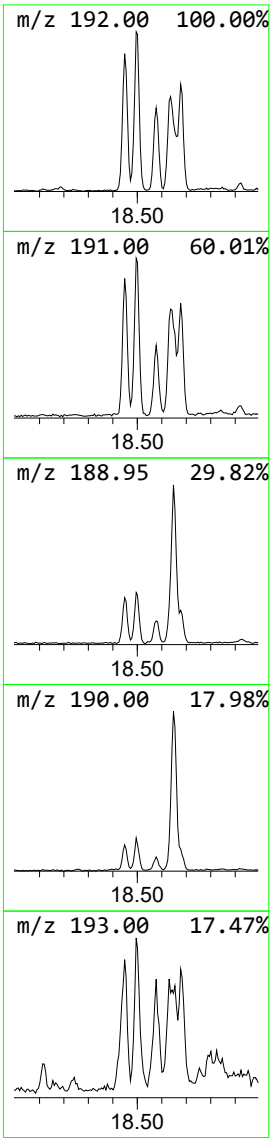
****

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.495	9.87 ng	236369	Phenanthrene-d10	17.578

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	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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Sample : 01510-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-55-020823

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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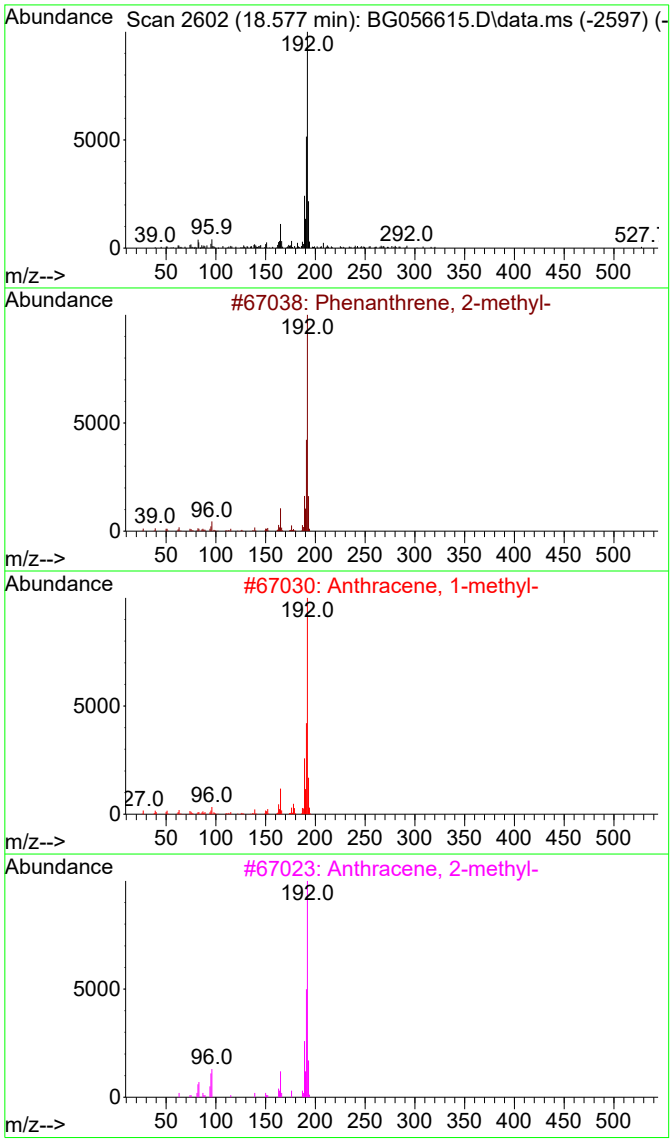
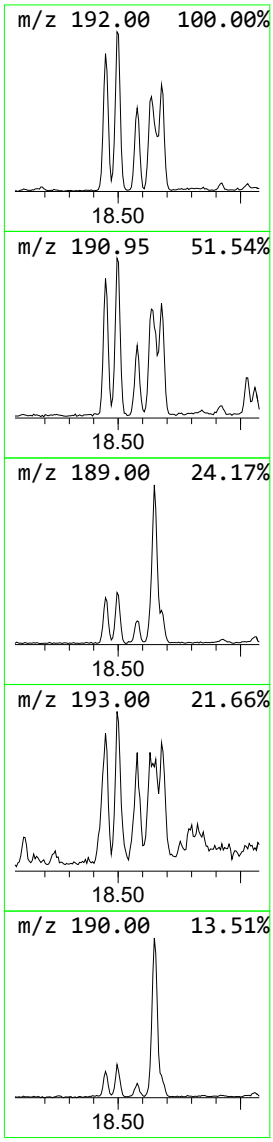
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.577	5.16 ng	123643	Phenanthrene-d10	17.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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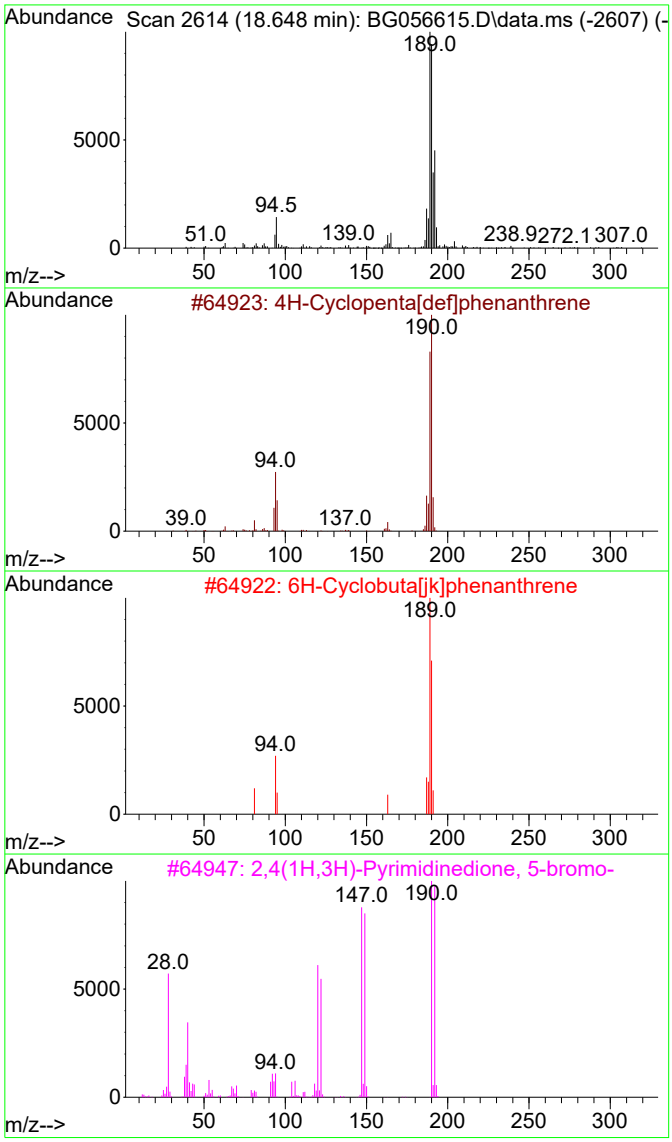
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

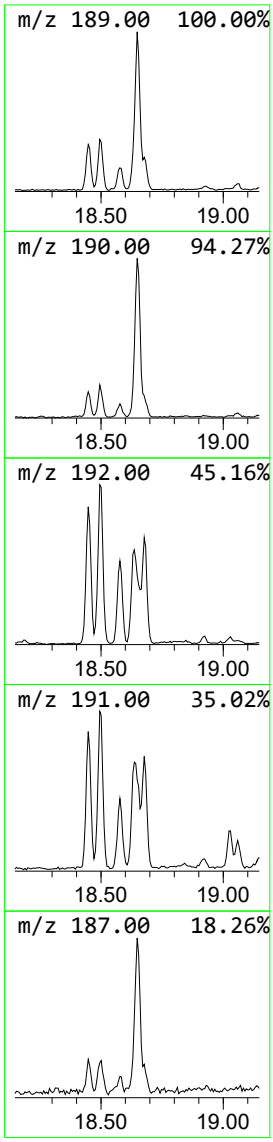
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.648	15.85 ng	379780	Phenanthrene-d10	17.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	43
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Sample : 01510-11
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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
JPP-55-020823

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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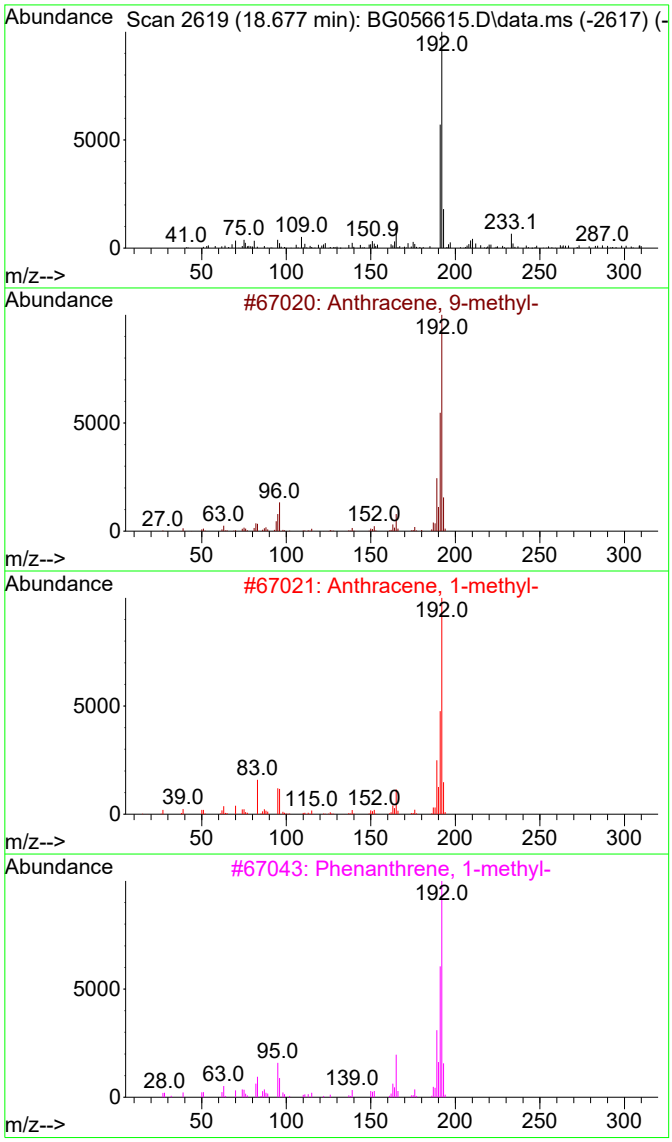
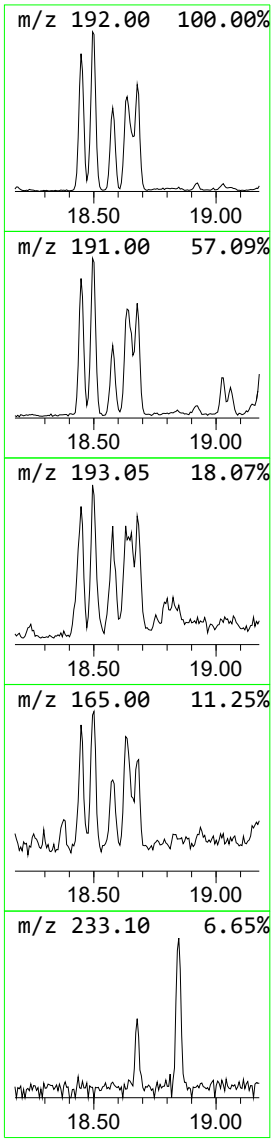
Peak Number 11 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.677	5.23 ng	125405	Phenanthrene-d10	17.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	80
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80





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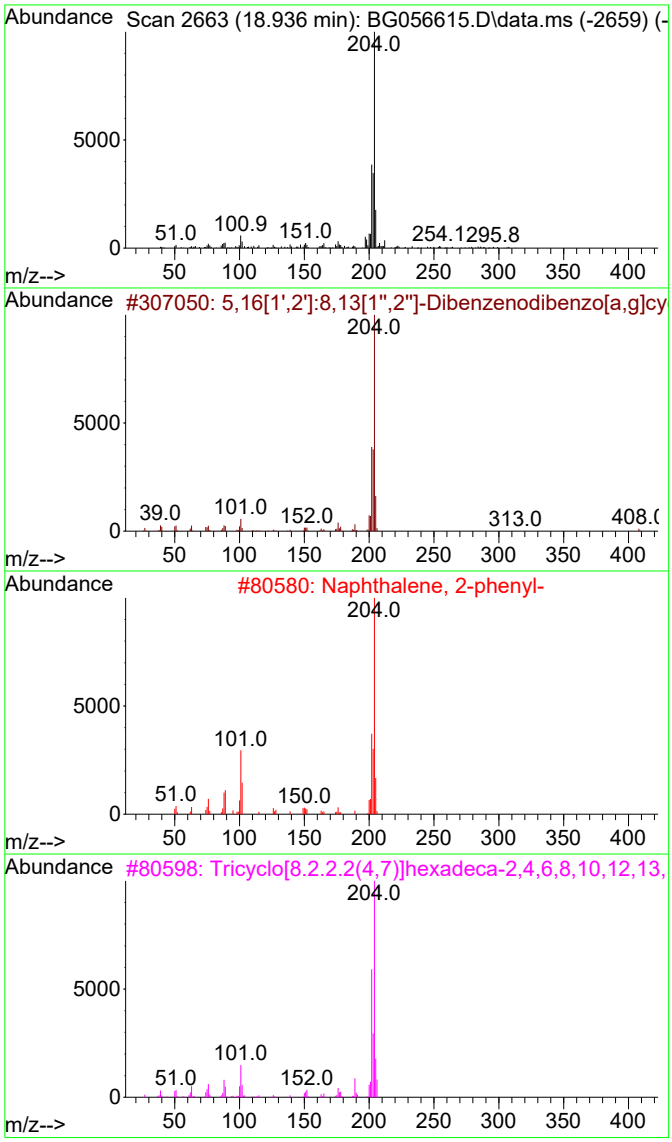
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

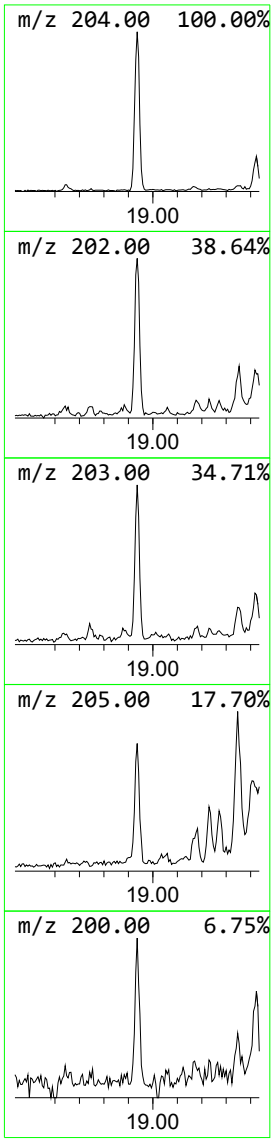
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.936	5.71 ng	136719	Phenanthrene-d10	17.578

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	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





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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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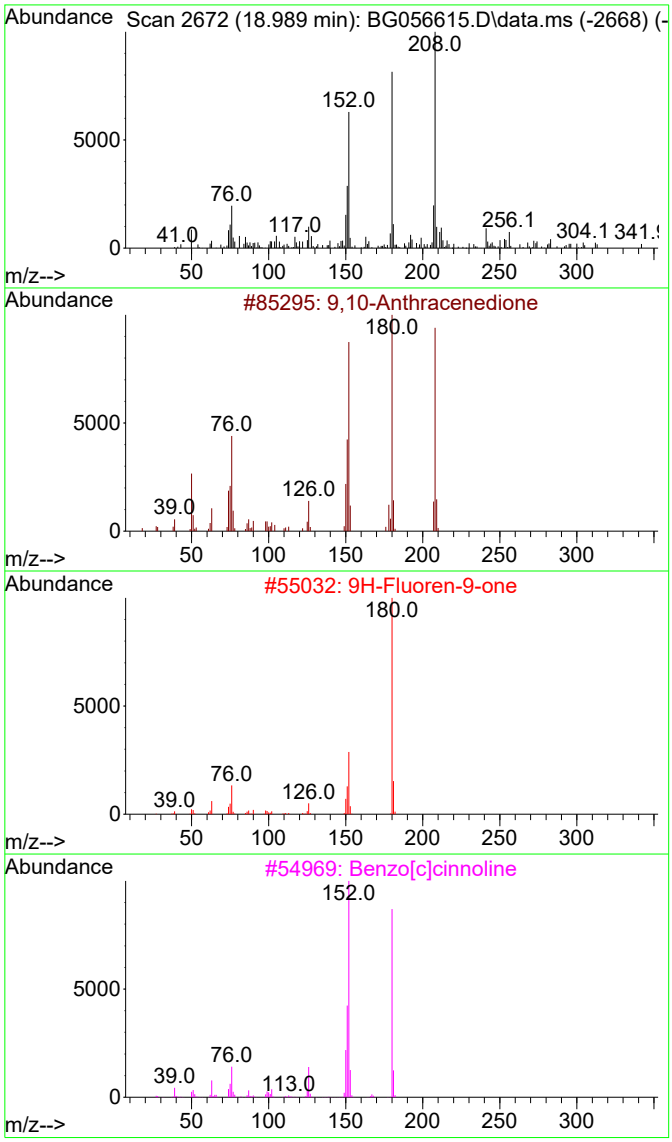
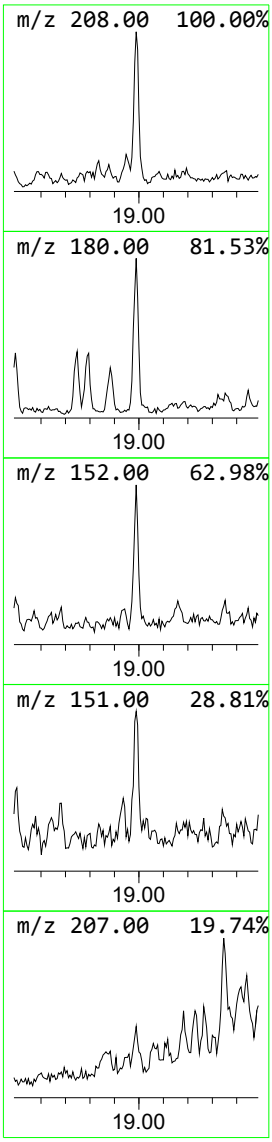
Peak Number 13 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.989	3.23 ng	77350	Phenanthrene-d10	17.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	55
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
4	Diphenic anhydride	224	C14H8O3	006050-13-1	49
5	5,6,7,8-Tetrahydro-1-phenylnapht...	208	C16H16	067064-63-5	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

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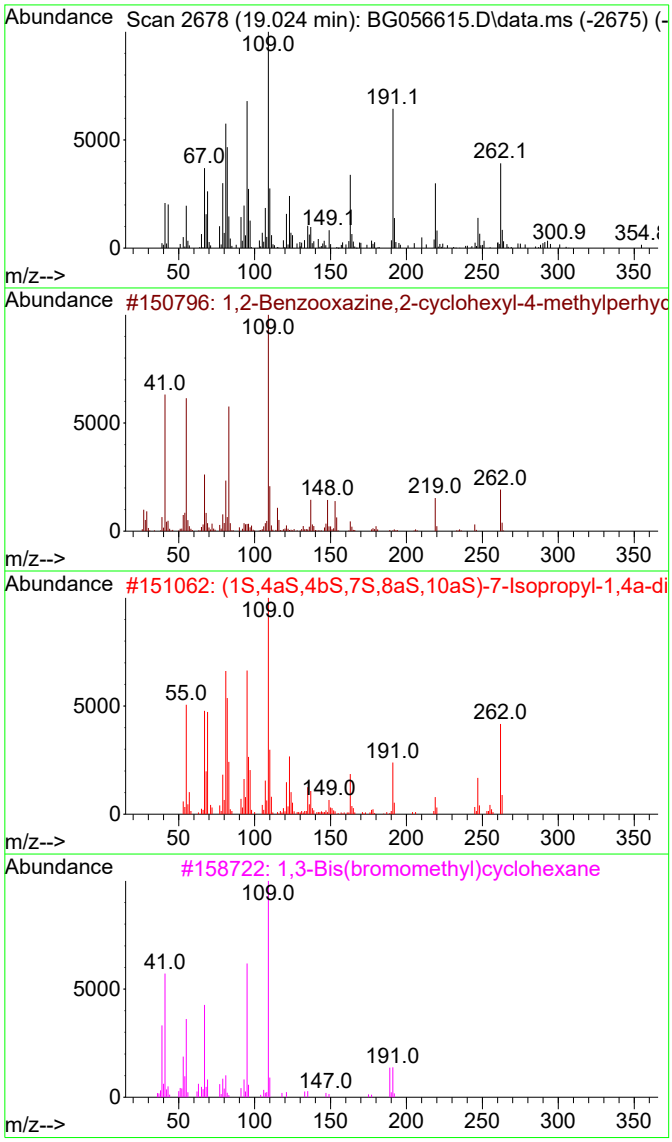
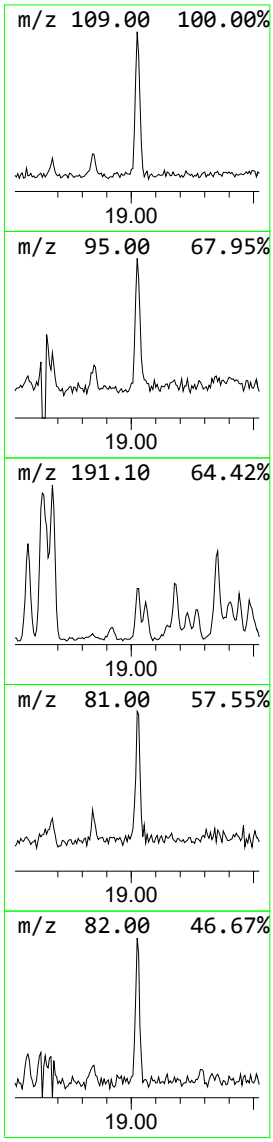
Peak Number 14 unknown19.024 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.024	5.49 ng	131443	Phenanthrene-d10	17.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	46
2	(1S,4aS,4bS,7S,8aS,10aS)-7-Isopr...	262	C19H34	002221-95-6	46
3	1,3-Bis(bromomethyl)cyclohexane	268	C8H14Br2	1000216-89-9	35
4	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	35
5	1-(2-Fluorobenzyl)-3-piperidinam...	304	C14H16F4N2O	1000469-11-0	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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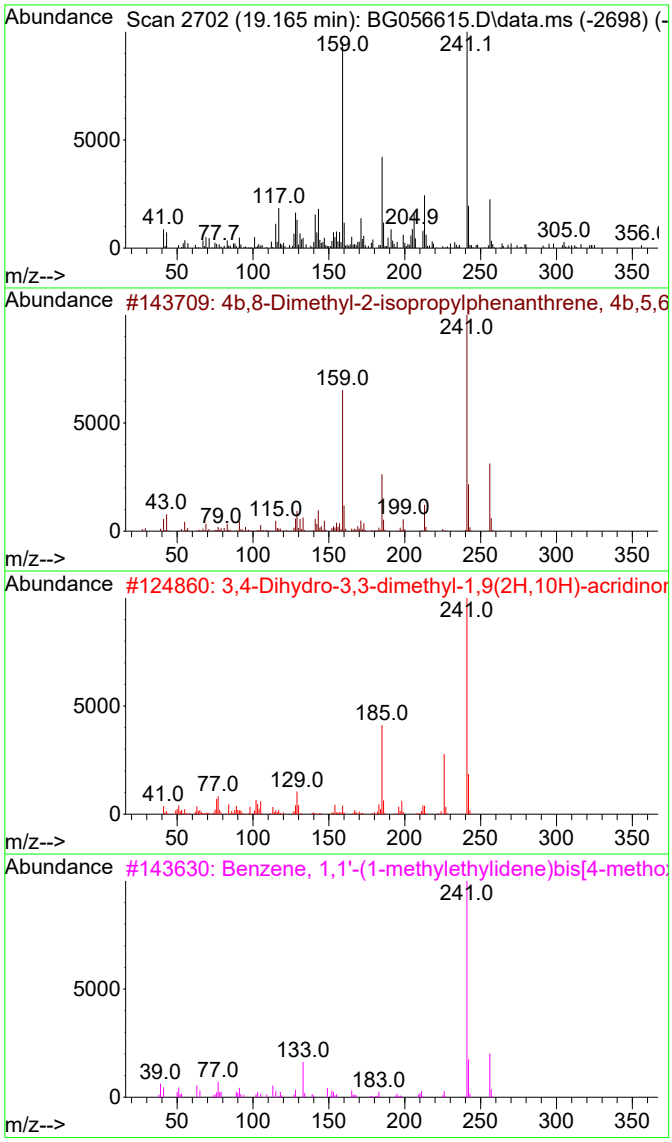
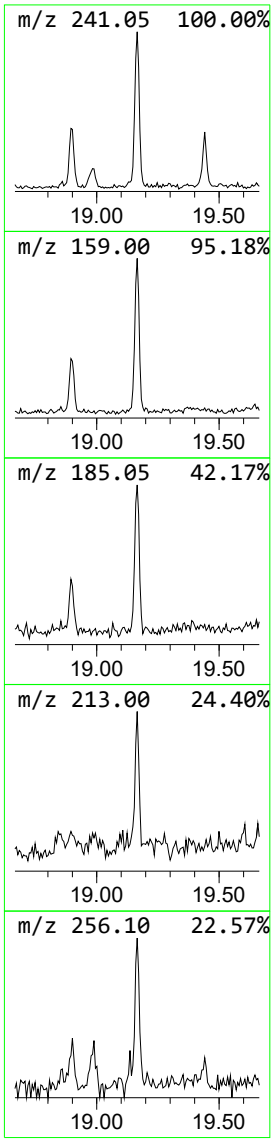
Peak Number 15 4b,8-Dimethyl-2-isopropylph... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.165	6.41 ng	153551	Phenanthrene-d10	17.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	93
2	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1010212-95-2	46
3	Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	30
4	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	30
5	Maleic hydrazide, 2TMS derivative	256	C10H20N2O2Si2	1000485-50-8	30





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Sample : 01510-11
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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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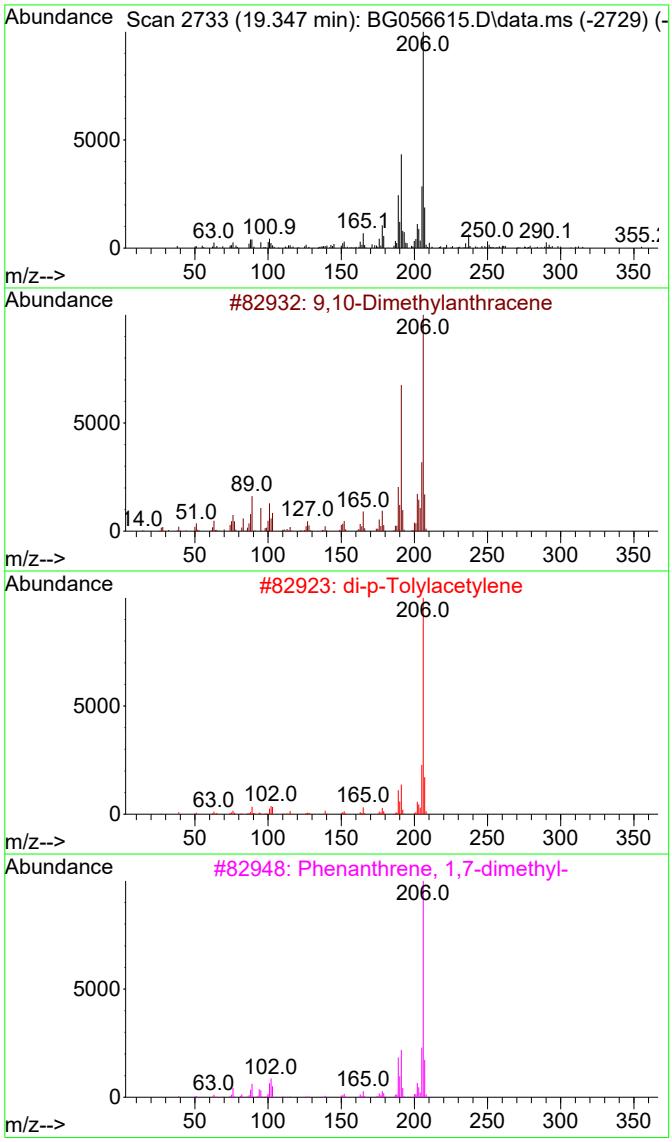
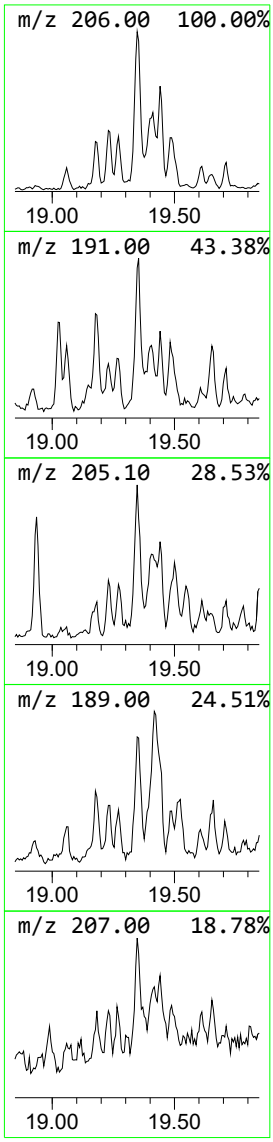
Peak Number 16 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.347	6.30 ng	150915	Phenanthrene-d10	17.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	87
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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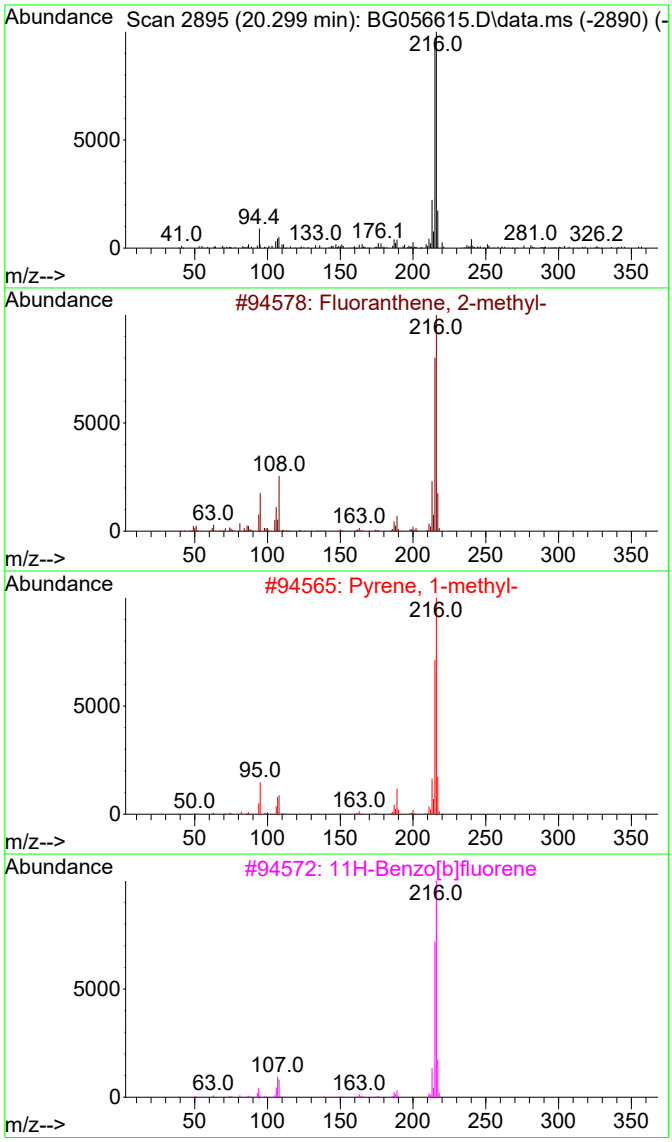
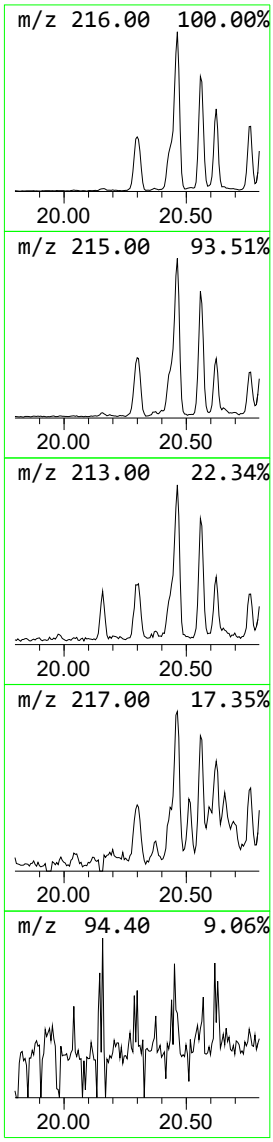
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.299	2.57 ng	216863	Chrysene-d12	21.862

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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TIC Library : C:\Database\NIST20.L
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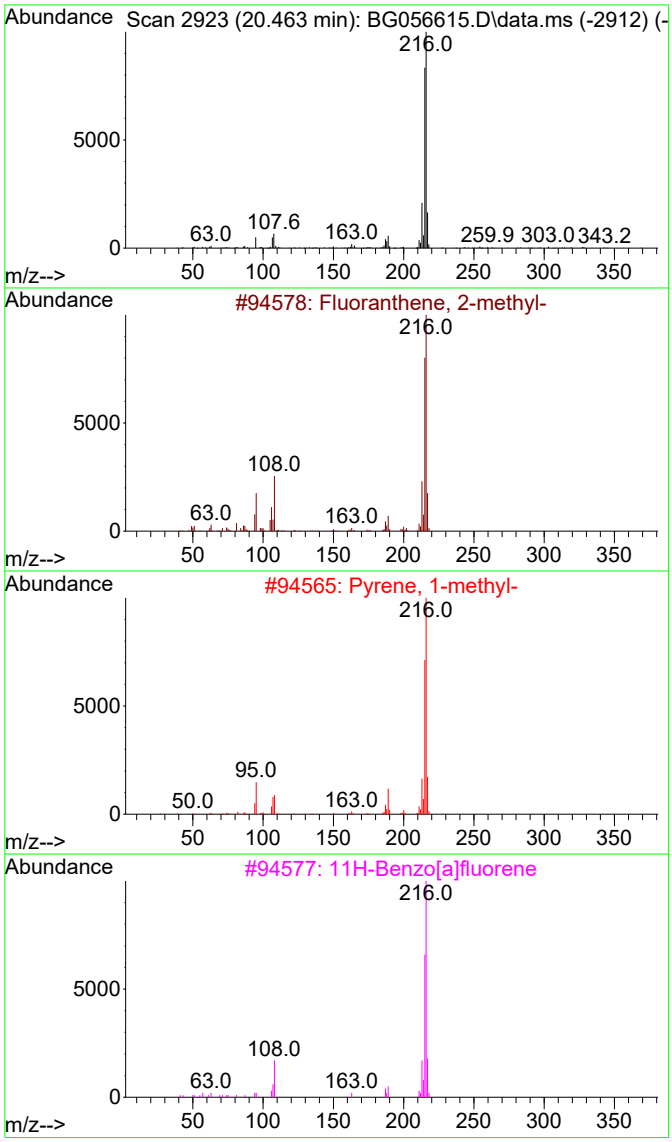
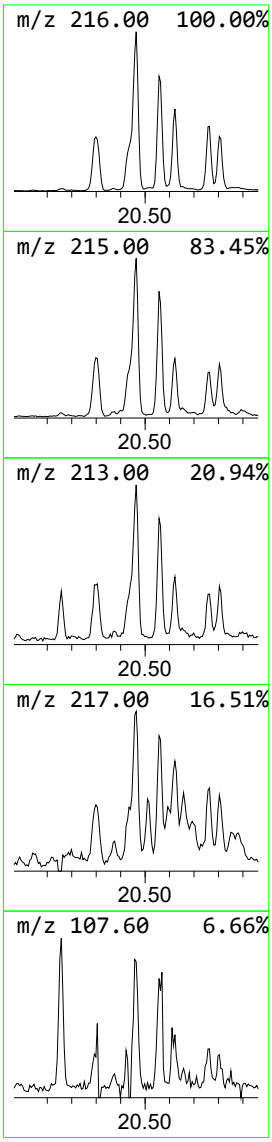
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.463	6.65 ng	562005	Chrysene-d12	21.862

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Data File : BG056615.D
Acq On : 10 Feb 2023 21:26
Operator : CG/JU
Sample : 01510-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-55-020823

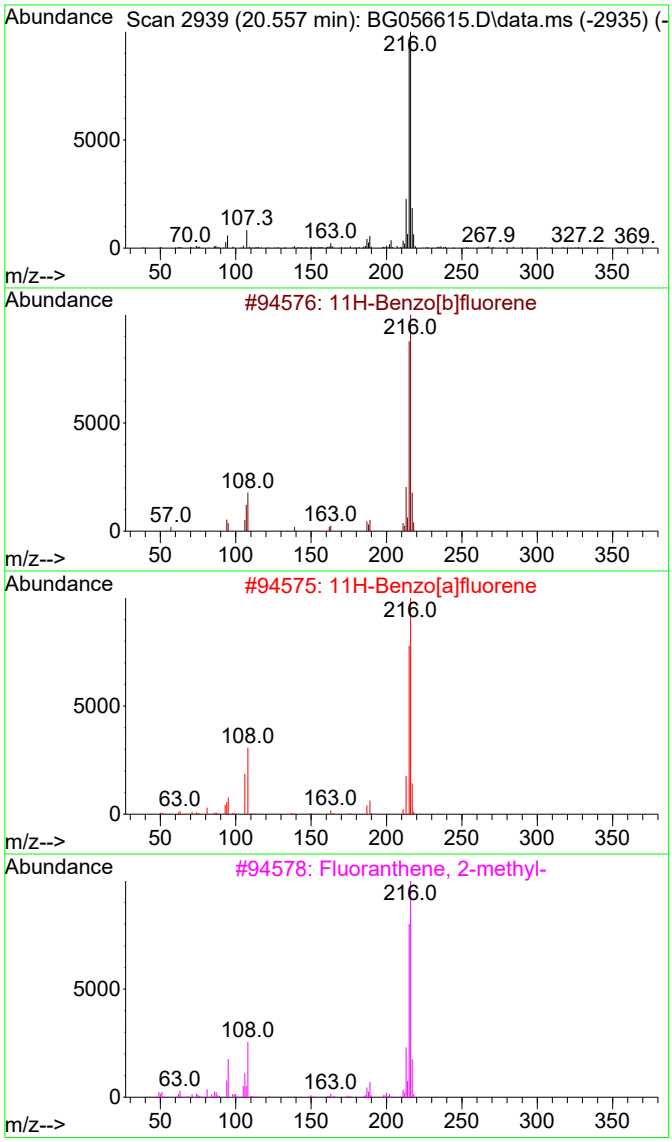
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

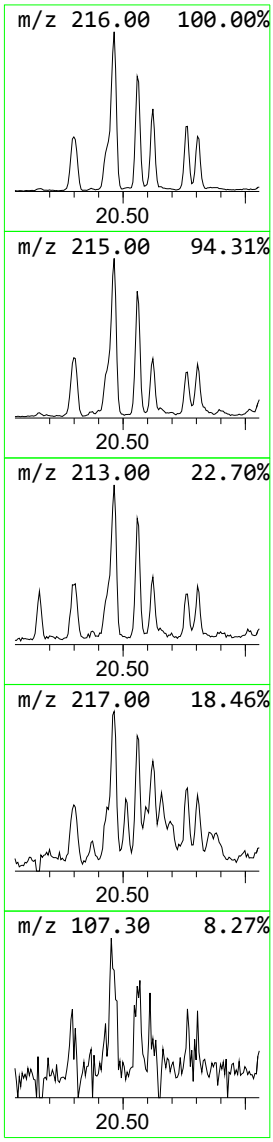
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.557	3.40 ng	287215	Chrysene-d12	21.862

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056615.D
Acq On : 10 Feb 2023 21:26
Operator : CG/JU
Sample : 01510-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-55-020823

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

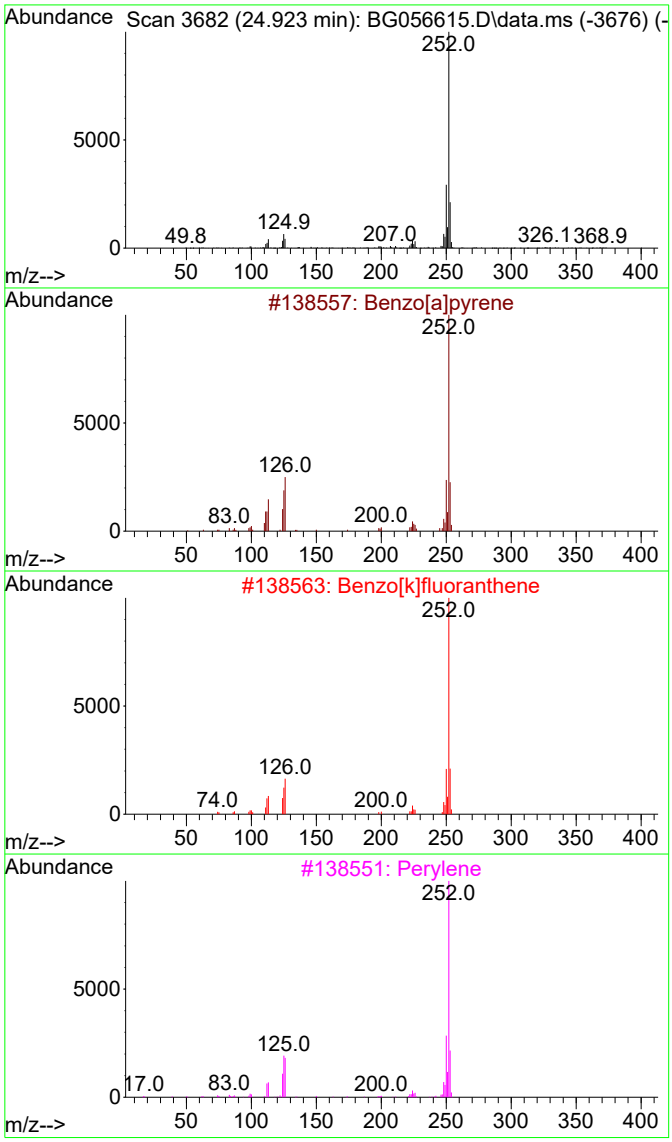
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

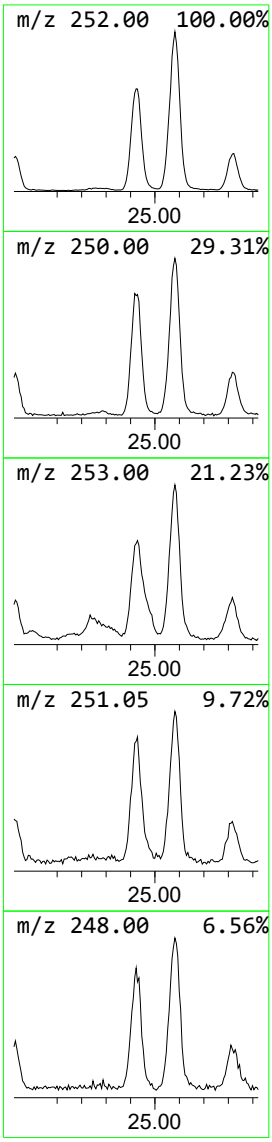
****

Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.923	37.28 ng	716626	Perylene-d12	25.234

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[e]pyrene	252	C20H12	000192-97-2	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056615.D
Acq On : 10 Feb 2023 21:26
Operator : CG/JU
Sample : 01510-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-55-020823

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
2-Pentanone, 4-...	5.246	12.4	ng	118632	1	8.213	191419	20.0
Benzophenone	16.180	17.4	ng	368129	3	14.841	423379	20.0
Succinic acid, ...	16.521	3.8	ng	90897	4	17.578	479135	20.0
9H-Fluoren-9-one	17.232	2.7	ng	64937	4	17.578	479135	20.0
unknown17.332	17.332	2.5	ng	59708	4	17.578	479135	20.0
Dibenzothiophene	17.396	2.8	ng	66651	4	17.578	479135	20.0
Anthracene, 9-m...	18.448	8.6	ng	205134	4	17.578	479135	20.0
Phenanthrene, 1...	18.495	9.9	ng	236369	4	17.578	479135	20.0
Phenanthrene, 2...	18.577	5.2	ng	123643	4	17.578	479135	20.0
4H-Cyclopenta[d...	18.648	15.9	ng	379780	4	17.578	479135	20.0
Anthracene, 1-m...	18.677	5.2	ng	125405	4	17.578	479135	20.0
5,16[1',2']:8,1...	18.936	5.7	ng	136719	4	17.578	479135	20.0
9,10-Anthracene...	18.989	3.2	ng	77350	4	17.578	479135	20.0
unknown19.024	19.024	5.5	ng	131443	4	17.578	479135	20.0
4b,8-Dimethyl-2...	19.165	6.4	ng	153551	4	17.578	479135	20.0
9,10-Dimethylan...	19.347	6.3	ng	150915	4	17.578	479135	20.0
Fluoranthene, 2...	20.299	2.6	ng	216863	5	21.862	1689310	20.0
Pyrene, 1-methyl-	20.463	6.7	ng	562005	5	21.862	1689310	20.0
11H-Benzo[b]flu...	20.557	3.4	ng	287215	5	21.862	1689310	20.0
Perylene	24.923	37.3	ng	716626	6	25.234	384408	20.0