LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056576.D
Acq On : 7 Feb 2023 20:47
Operator : CG/JU
Sample : O1445-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

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: BG056576.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.308	337	344	352	rVB	54699	87684	2.81%	0.287%
2	5.796	419	427	435	rBV	230201	386221	12.38%	1.263%
3	7.417	696	703	716	rBV	236385	411913	13.20%	1.347%
4	8.269	841	848	856	rBB	152271	254310	8.15%	0.832%
5	9.444	1041	1048	1057	rBB	142987	254278	8.15%	0.832%
6	11.101	1322	1330	1337	rBV	204870	364483	11.68%	1.192%
7	13.510	1733	1740	1752	rVB	547550	842681	27.01%	2.756%
8	14.891	1969	1975	1981	rVB	355918	537437	17.23%	1.758%
9	14.956	1981	1986	1991	rVB	66188	100201	3.21%	0.328%
10	15.279	2034	2041	2047	rVB2	29911	50760	1.63%	0.166%
11	15.931	2146	2152	2162	rVB	55165	94401	3.03%	0.309%
12	16.231	2197	2203	2209	rVB	143894	232644	7.46%	0.761%
13	16.372	2222	2227	2235	rBV2	360167	561600	18.00%	1.837%
14	16.900	2311	2317	2319	rBV5	18151	37726	1.21%	0.123%
15	16.930	2319	2322	2327	rVV4	28536	42985	1.38%	0.141%
16	17.147	2352	2359	2363	rBV6	25639	59111	1.89%	0.193%
17	17.282	2376	2382	2387	rBV	35660	58364	1.87%	0.191%
18	17.347	2388	2393	2395	rVV3	26380	39995	1.28%	0.131%
19	17.376	2396	2398	2406	rVB3	31540	52849	1.69%	0.173%
20	17.447	2406	2410	2417	rBV	41789	73037	2.34%	0.239%
21	17.629	2434	2441	2445	rBV	443016	701868	22.50%	2.296%
22	17.676	2445	2449	2455	rVV	918016	1321910	42.38%	4.324%
23	17.764	2459	2464	2469	rBV	205118	302527	9.70%	0.990%
24	18.029	2503	2509	2514	rBV2	40211	91973	2.95%	0.301%
25	18.140	2523	2528	2531	rBV	55438	75246	2.41%	0.246%
26	18.211	2536	2540	2544	rVB	24463	36576	1.17%	0.120%
27	18.499	2581	2589	2593	rBV	178688	308403	9.89%	1.009%
28	18.546	2593	2597	2603	rVB	227159	335395	10.75%	1.097%
29	18.628	2605	2611	2616	rBV	108572	167777	5.38%	0.549%
30	18.692	2616	2622	2626	rVV3	248181	534912	17.15%	1.750%
31	18.728	2626	2628	2636	rVB	140862	178148	5.71%	0.583%
32	18.986	2667	2672	2676	rBV	169113	247228	7.93%	0.809%
33	19.039	2676	2681	2688	rVB	86033	144794	4.64%	0.474%
34	19.110	2689	2693	2698	rBV	37255	51563	1.65%	0.169%
35	19.227	2710	2713	2718	rVB	67249	89818	2.88%	0.294%
36	19.280	2718	2722	2725	rBV	45706	54808	1.76%	0.179%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056576.D
Acq On : 7 Feb 2023 20:47
Operator : CG/JU
Sample : 01445-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

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	19.321	2725	2729	2733	rVB2	44807	62394	2.00%	0.204%
38	19.398	2737	2742	2747	rBV	152573	275570	8.83%	0.901%
39	19.550	2762	2768	2780	rBV3	121056	260346	8.35%	0.852%
40	19.674	2782	2789	2794	rBV	1990697	2951153	94.60%	9.653%
41	19.756	2800	2803	2808	rVB3	58303	77440	2.48%	0.253%
42	19.909	2826	2829	2838	rVB2	72003	171283	5.49%	0.560%
43	19.997	2838	2844	2846	rBV2	338007	587144	18.82%	1.920%
44	20.032	2846	2850	2856	rVV	2197579	3119498	100.00%	10.203%
45	20.091	2856	2860	2866	rVB2	124325	197695	6.34%	0.647%
46	20.202	2875	2879	2884	rVB	976173	1255061	40.23%	4.105%
47	20.343	2897	2903	2909	rBV2	170601	389067	12.47%	1.273%
48	20.508	2921	2931	2936	rVB	271946	640767	20.54%	2.096%
49	20.608	2944	2948	2952	rBV2	159330	233264	7.48%	0.763%
50	20.672	2952	2959	2962	rVV2	221594	390232	12.51%	1.276%
51	20.702	2962	2964	2968	rVB2	67510	83744	2.68%	0.274%
52	20.814	2979	2983	2986	rBV	188741	254854	8.17%	0.834%
53	20.861	2987	2991	3001	rVB	179824	297041	9.52%	0.972%
54	21.289	3060	3064	3071	rVB	168612	284689	9.13%	0.931%
55	21.524	3101	3104	3109	rVB	180671	264360	8.47%	0.865%
56	21.583	3109	3114	3118	rBV2	204405	342780	10.99%	1.121%
57	21.906	3163	3169	3176	rBV2	1048759	2542555	81.51%	8.316%
58	21.977	3177	3181	3192	rVB	919651	1593732	51.09%	5.213%
59	22.136	3204	3208	3216	rVB	176684	297390	9.53%	0.973%
60	24.268	3562	3571	3579	rBV	585008	2141035	68.63%	7.003%
61	25.044	3695	3703	3717	rVB	357050	1141478	36.59%	3.734%
62	25.202	3722	3730	3741	rVB	495493	1533432	49.16%	5.016%

Sum of corrected areas: 30573630

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056576.D
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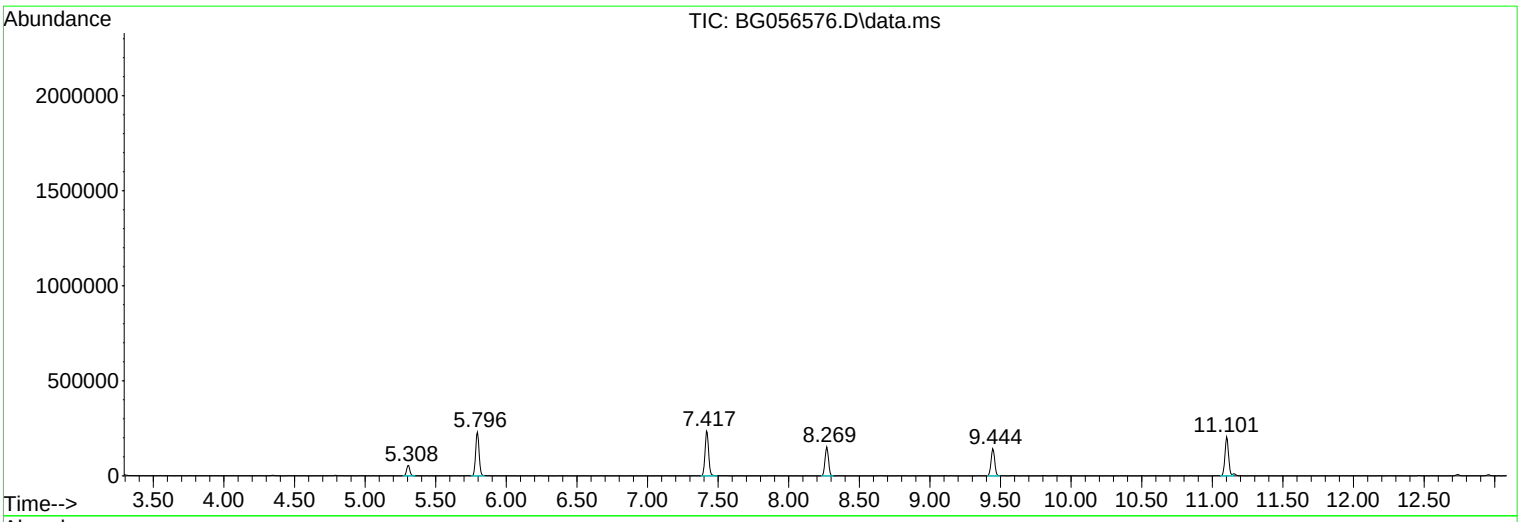
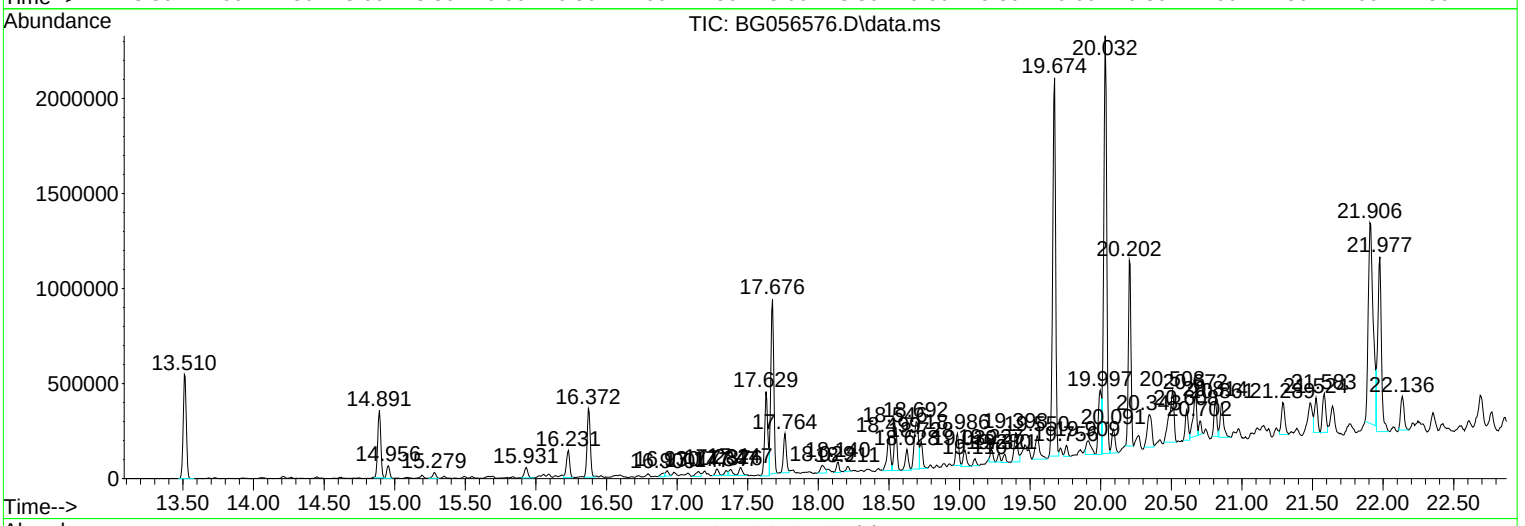
Misc :
ALS Vial : 14 Sample Multiplier: 1

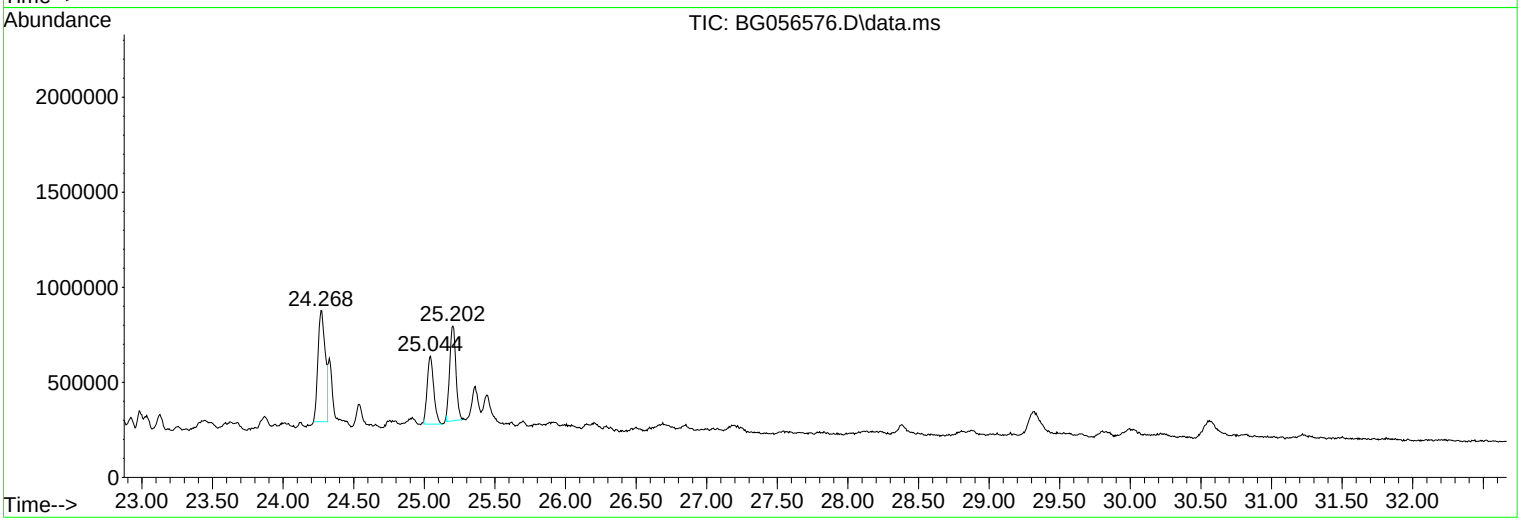
Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

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\BG020723\
Data File : BG056576.D
Acq On : 7 Feb 2023 20:47
Operator : CG/JU
Sample : 01445-07 2X
Misc :
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Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

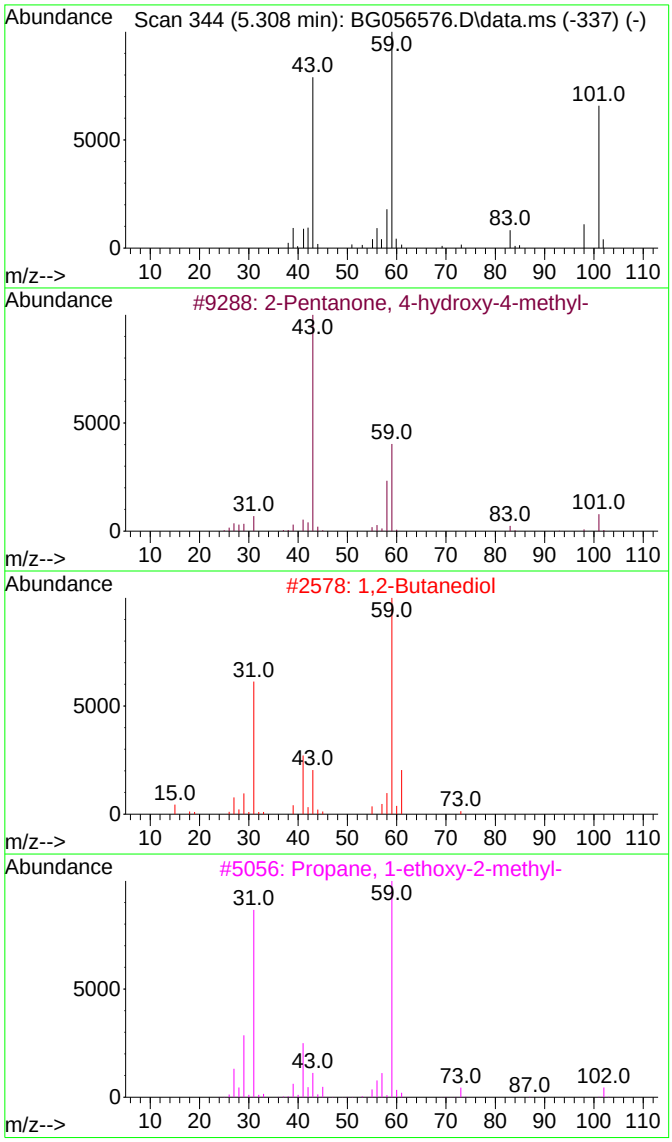
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

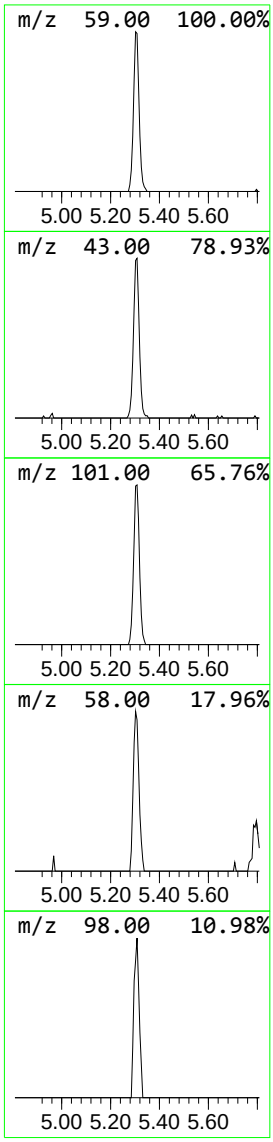
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.308	6.90 ng	87684	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1,2-Butanediol	90	C4H10O2	000584-03-2	32
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	32
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056576.D
Acq On : 7 Feb 2023 20:47
Operator : CG/JU
Sample : 01445-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

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

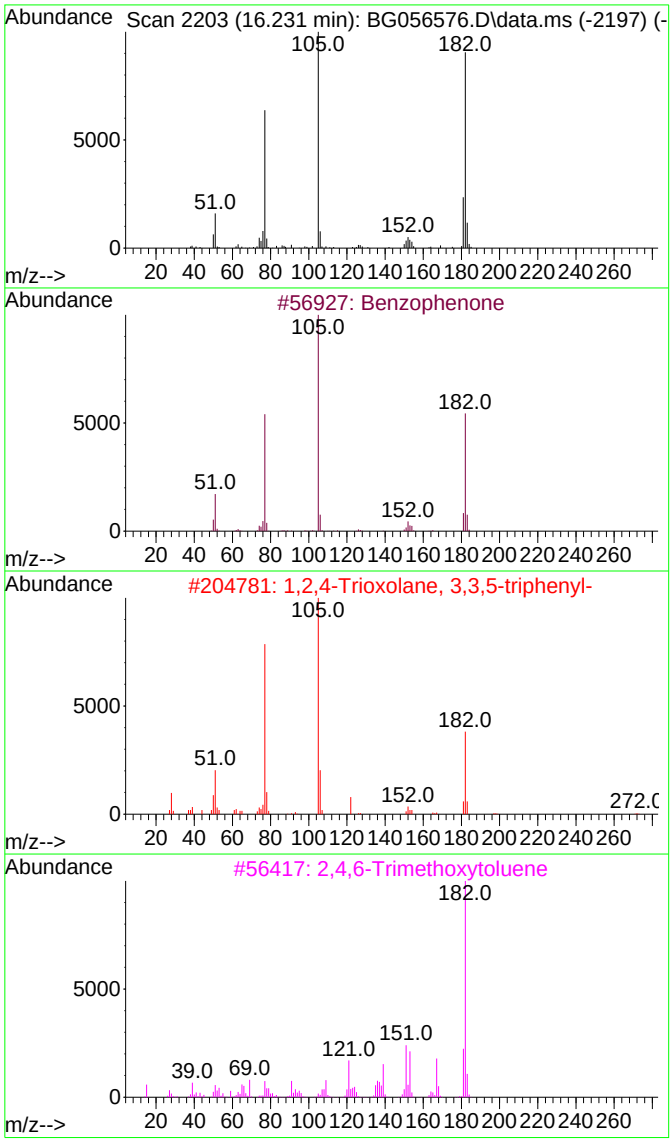
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

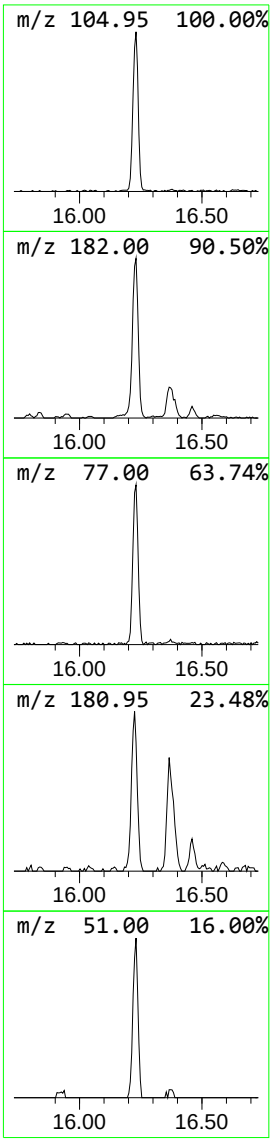
****

Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.231	8.66 ng	232644	Acenaphthene-d10	14.891

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	78
3	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	47
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	38
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056576.D
Acq On : 7 Feb 2023 20:47
Operator : CG/JU
Sample : 01445-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

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

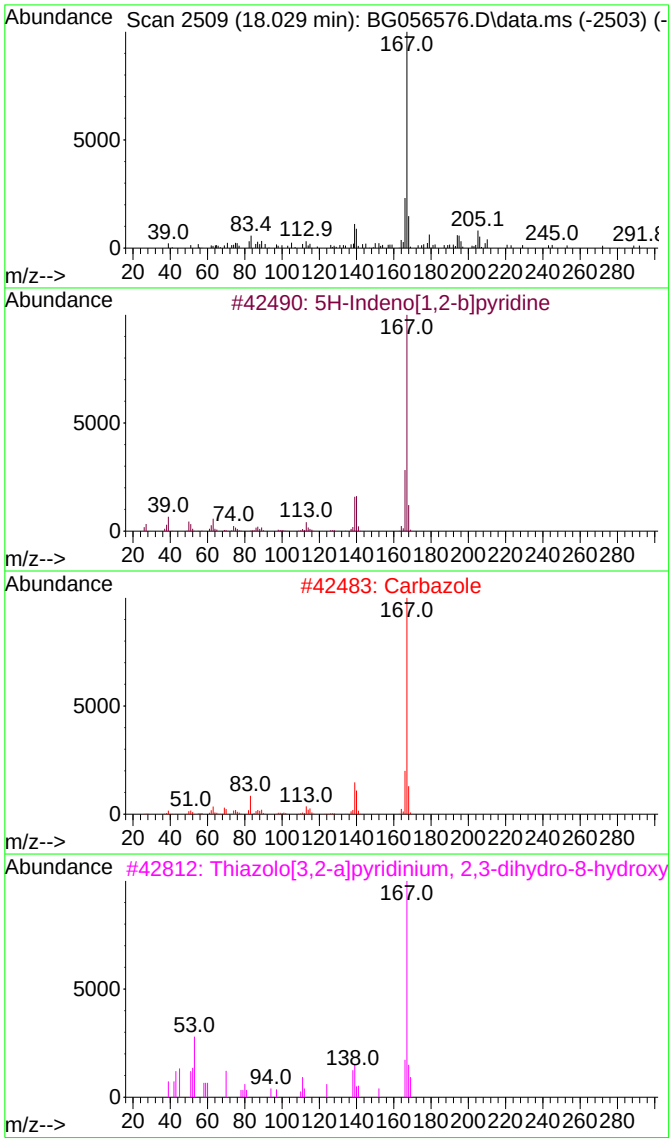
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

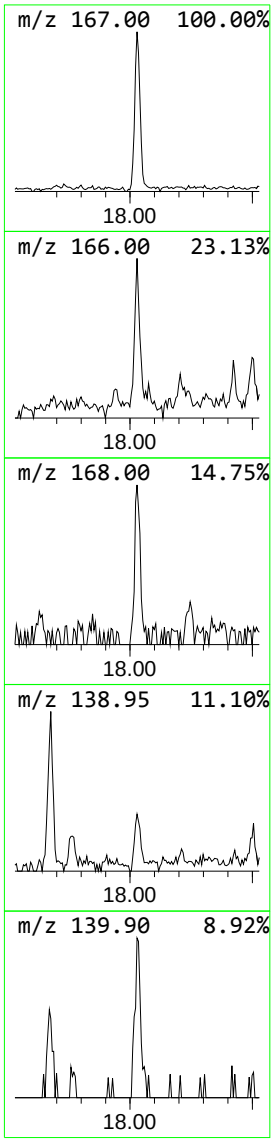
****

Peak Number 3 5H-Indeno[1,2-b]pyridine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.029	2.62 ng	91973	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
2	Carbazole	167	C12H9N	000086-74-8	87
3	Thiazolo[3,2-a]pyridinium, 2,3-d...	167	C8H9NOS	023003-43-2	72
4	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	72
5	2-Azafluorene	167	C12H9N	000244-40-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056576.D
Acq On : 7 Feb 2023 20:47
Operator : CG/JU
Sample : 01445-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

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

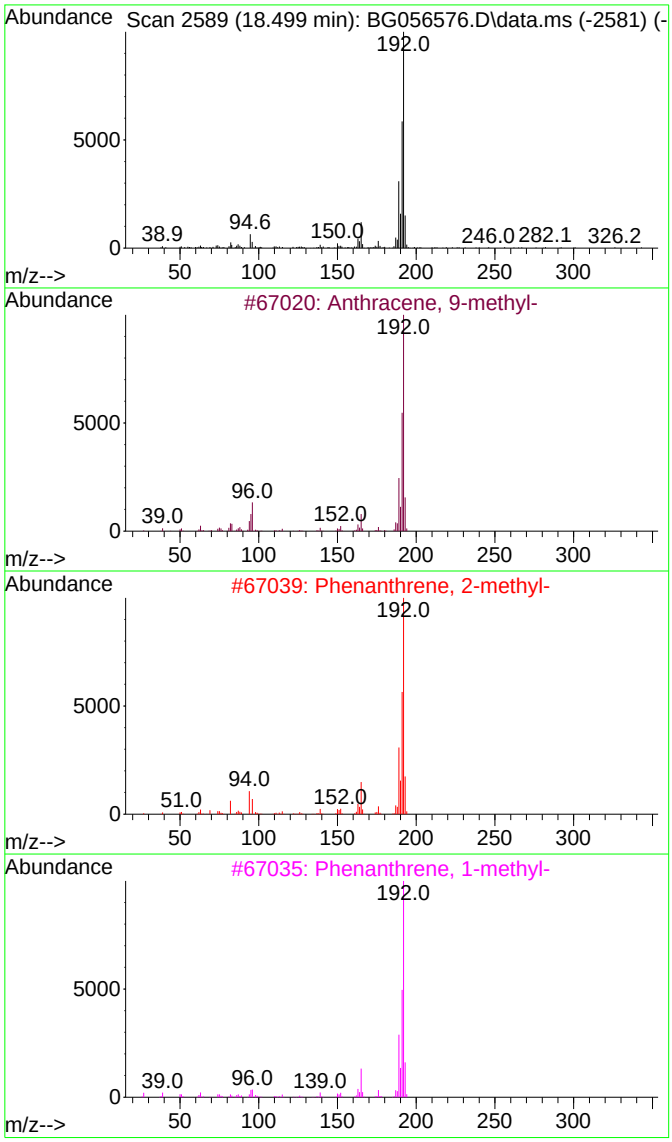
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

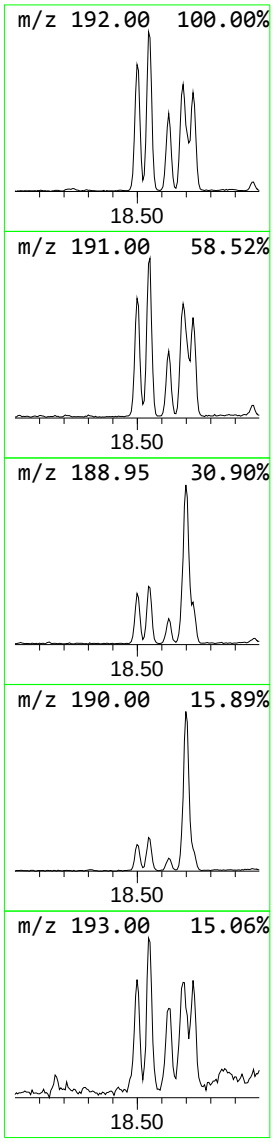
****

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.499	8.79 ng	308403	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056576.D
Acq On : 7 Feb 2023 20:47
Operator : CG/JU
Sample : 01445-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

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

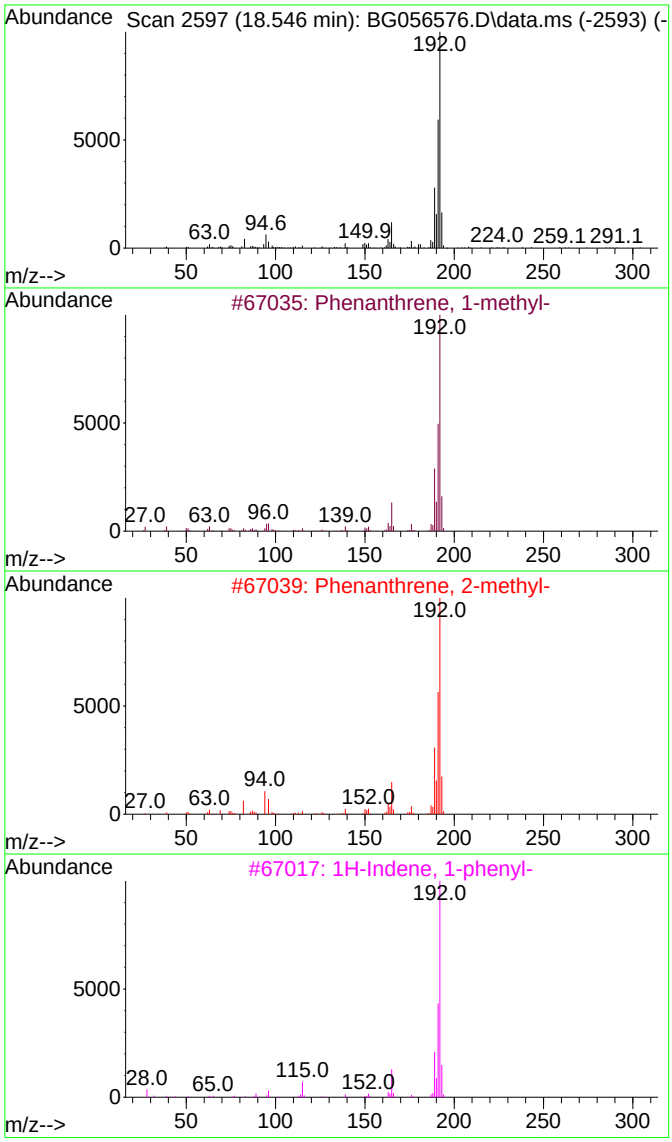
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

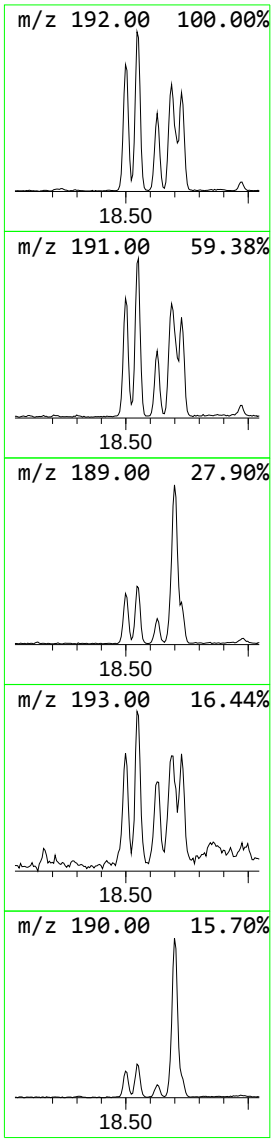
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.546	9.56 ng	335395	Phenanthrene-d10	17.629

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	96
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056576.D
Acq On : 7 Feb 2023 20:47
Operator : CG/JU
Sample : 01445-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

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

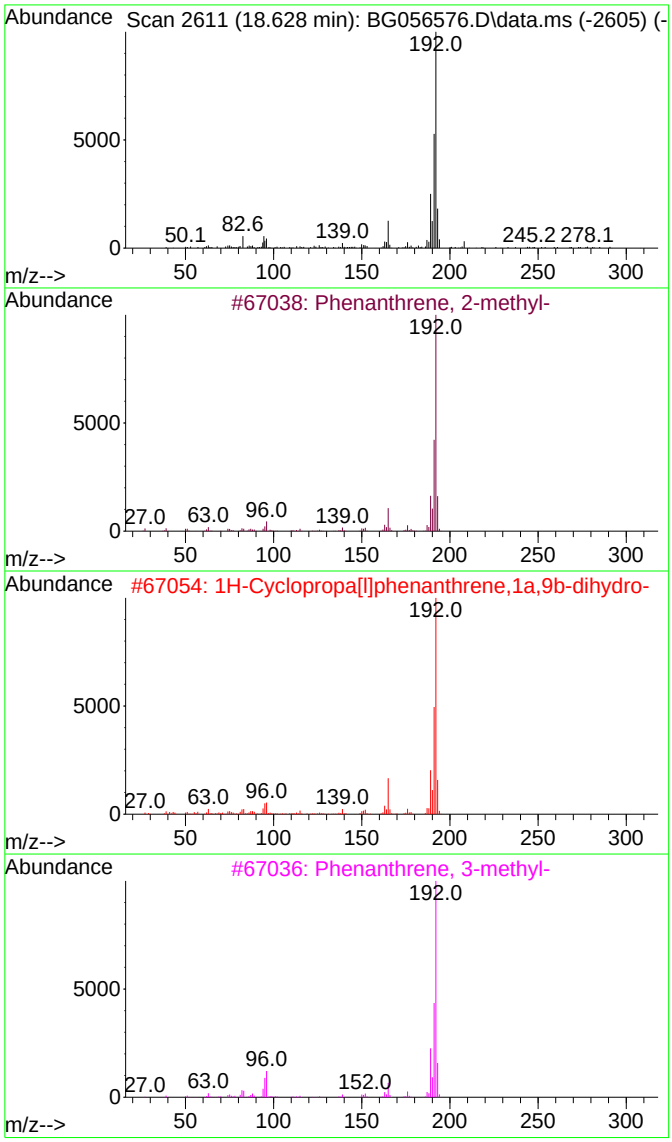
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

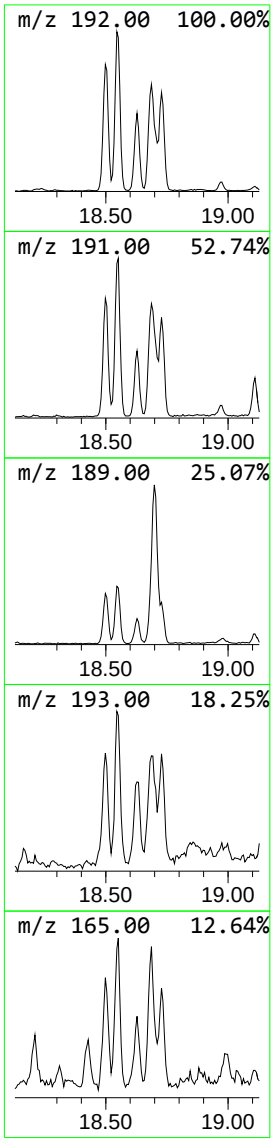
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.628	4.78 ng	167777	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056576.D
Acq On : 7 Feb 2023 20:47
Operator : CG/JU
Sample : 01445-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

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

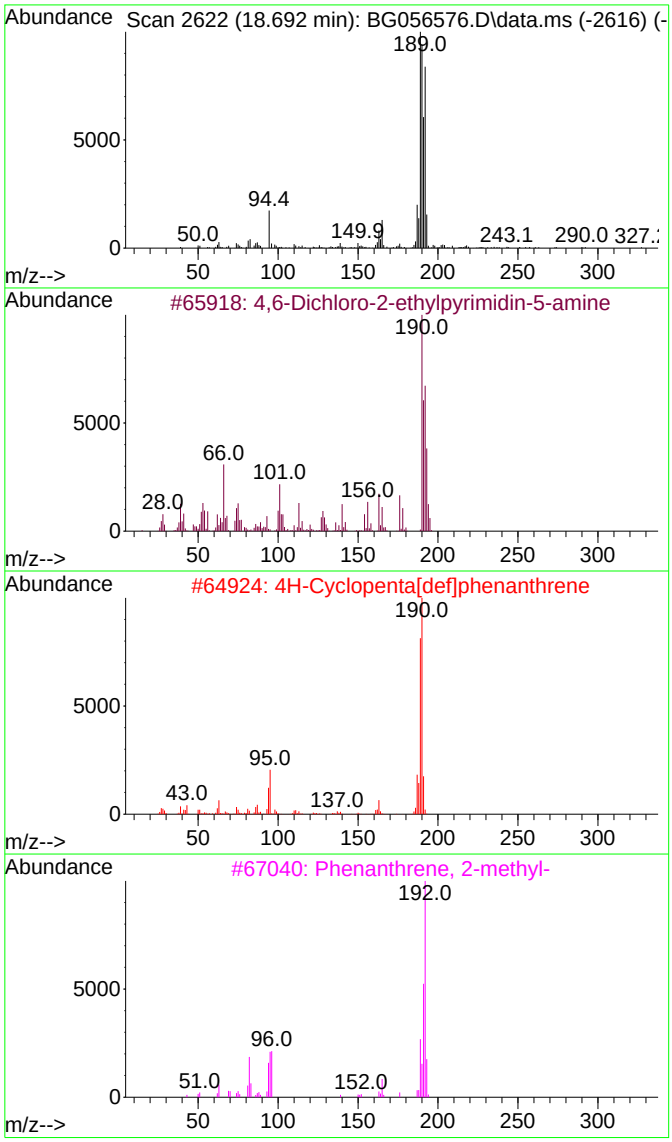
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

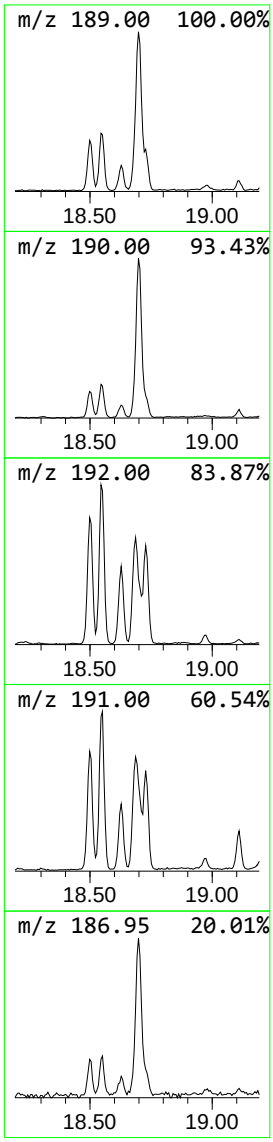
****

Peak Number 7 unknown18.692 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	15.24 ng	534912	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	49
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
4	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	38
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38





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Operator : CG/JU
Sample : 01445-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JPP-29-020323

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

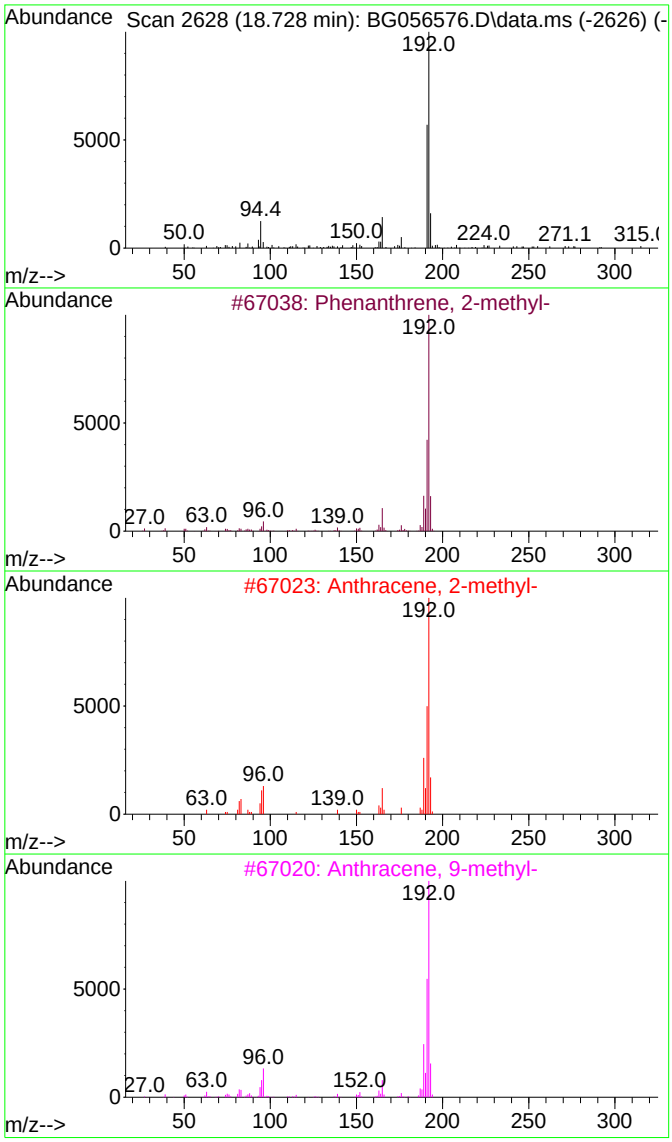
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

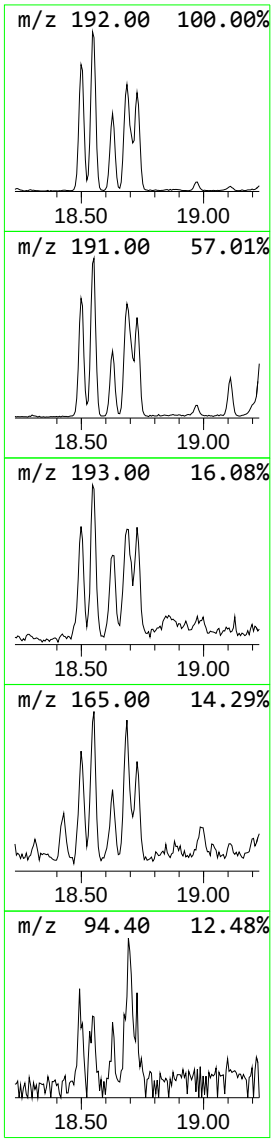
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.728	5.08 ng	178148	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	86





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
JPP-29-020323

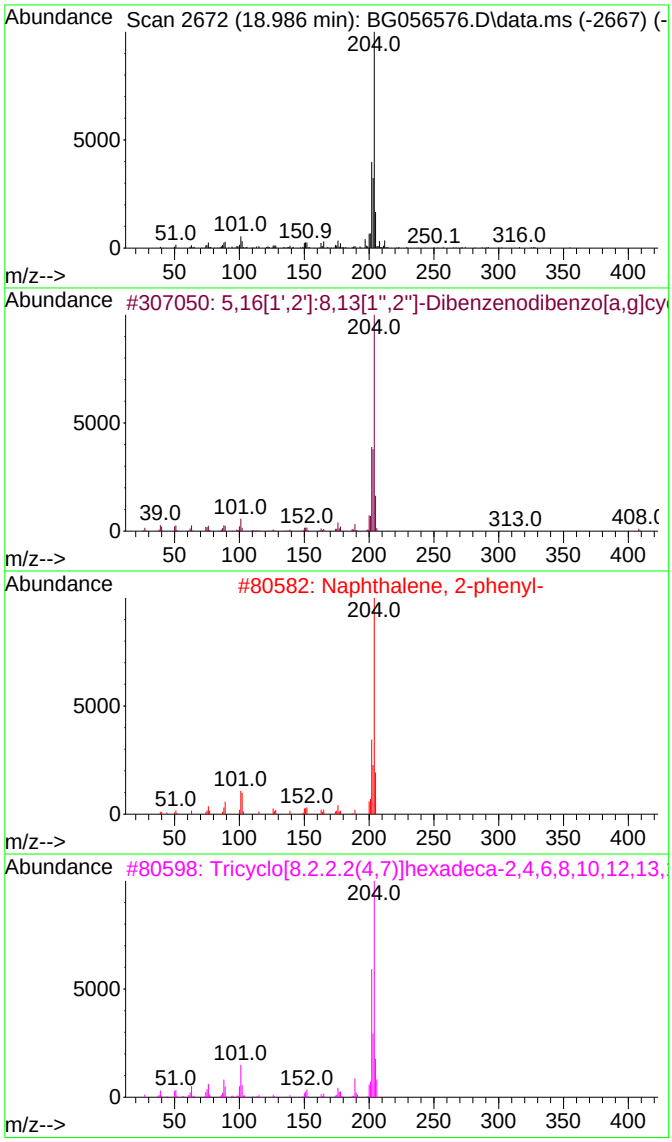
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

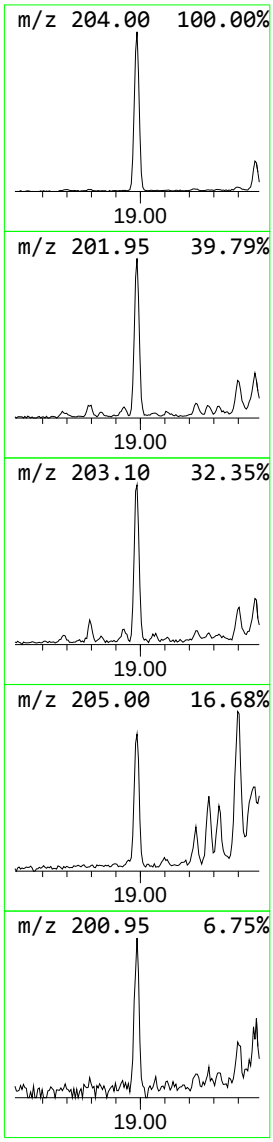
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.986	7.04 ng	247228	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	46





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ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
JPP-29-020323

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

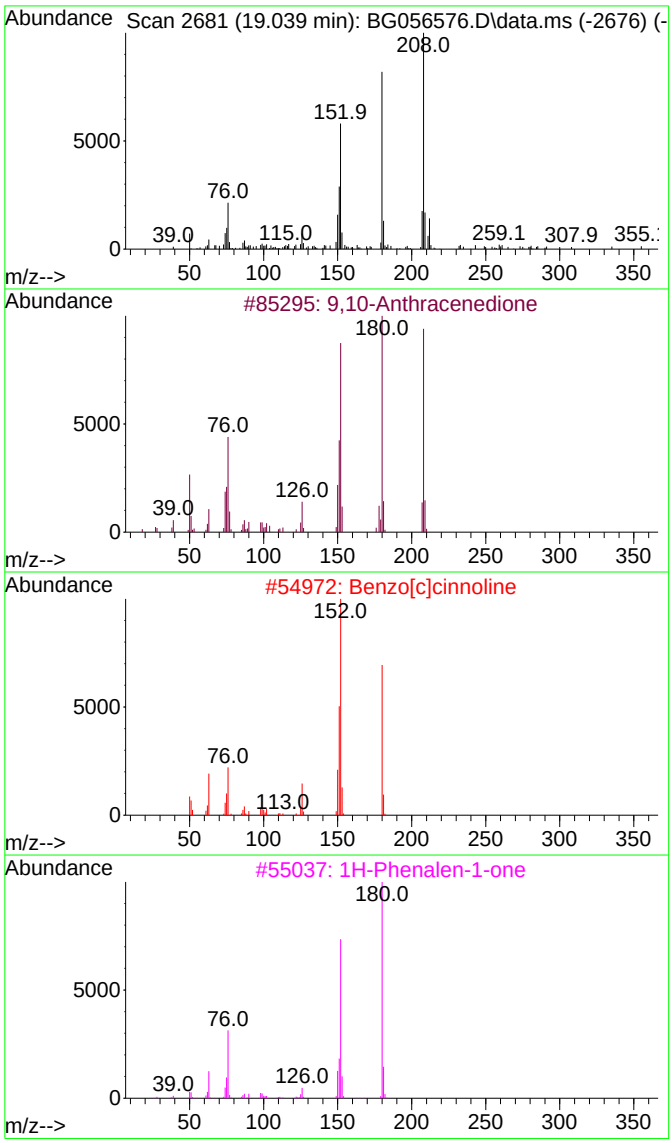
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

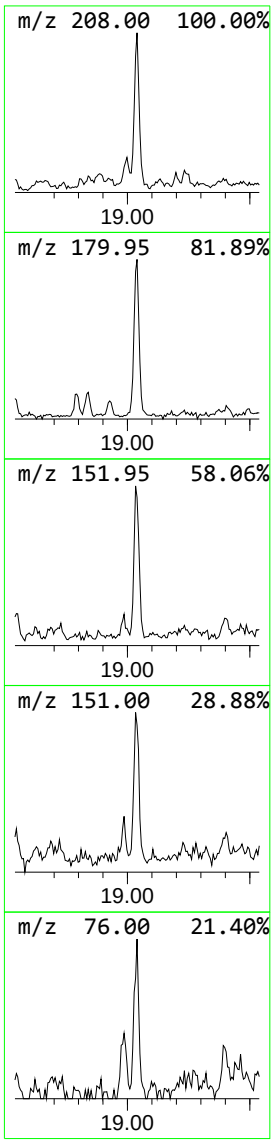
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.039	4.13 ng	144794	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	70
4	Diphenic anhydride	224	C14H8O3	006050-13-1	53
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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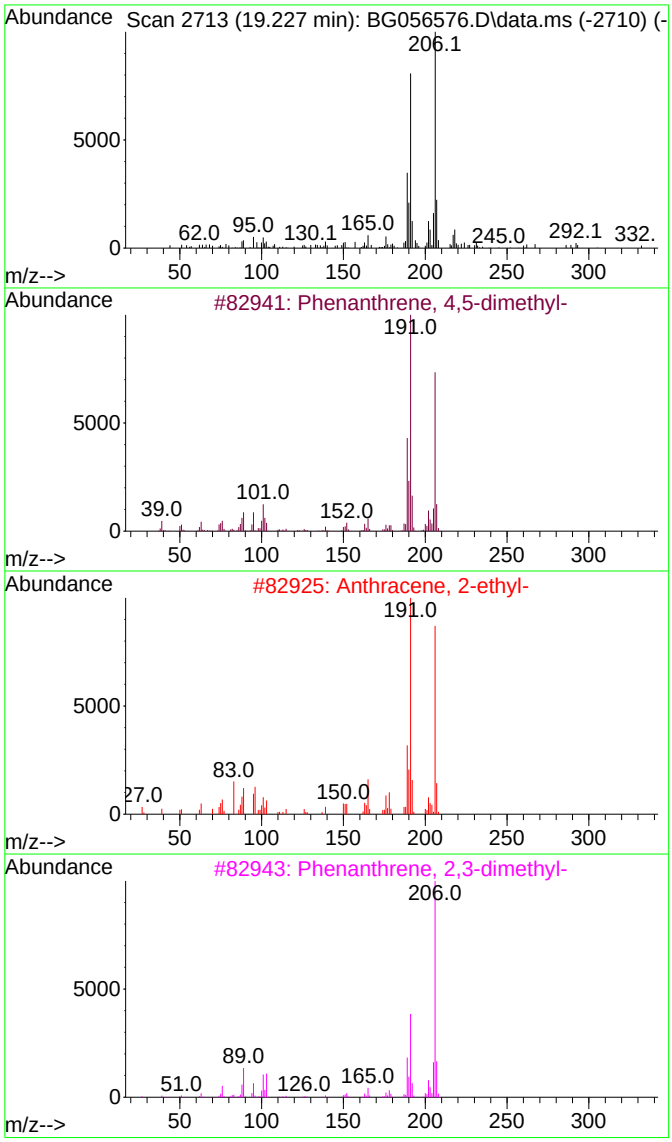
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

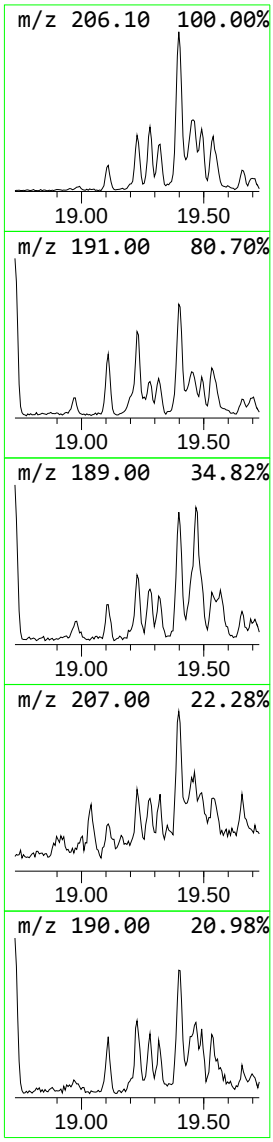
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 4,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.227	2.56 ng	89818	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	80
5	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	72





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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

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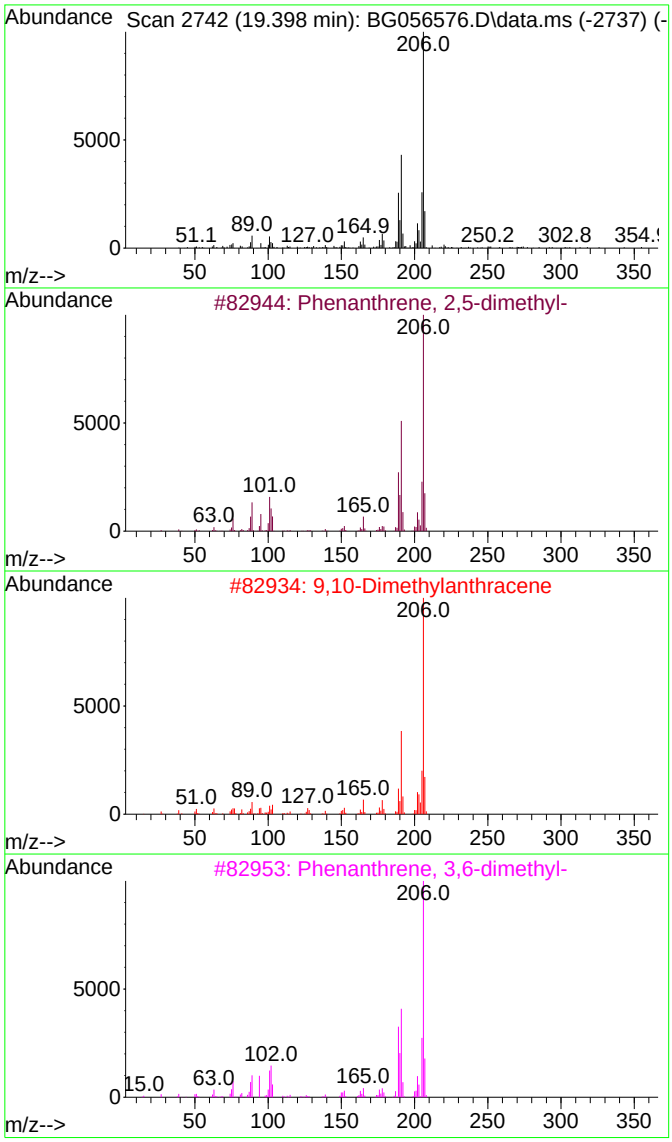
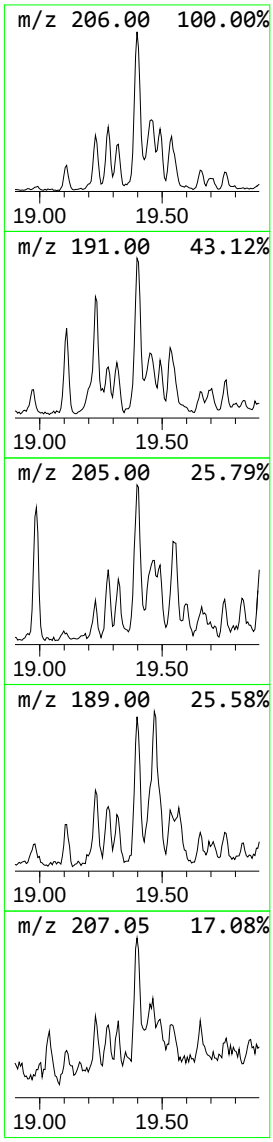
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	7.85 ng	275570	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	83





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ALS Vial : 14 Sample Multiplier: 1

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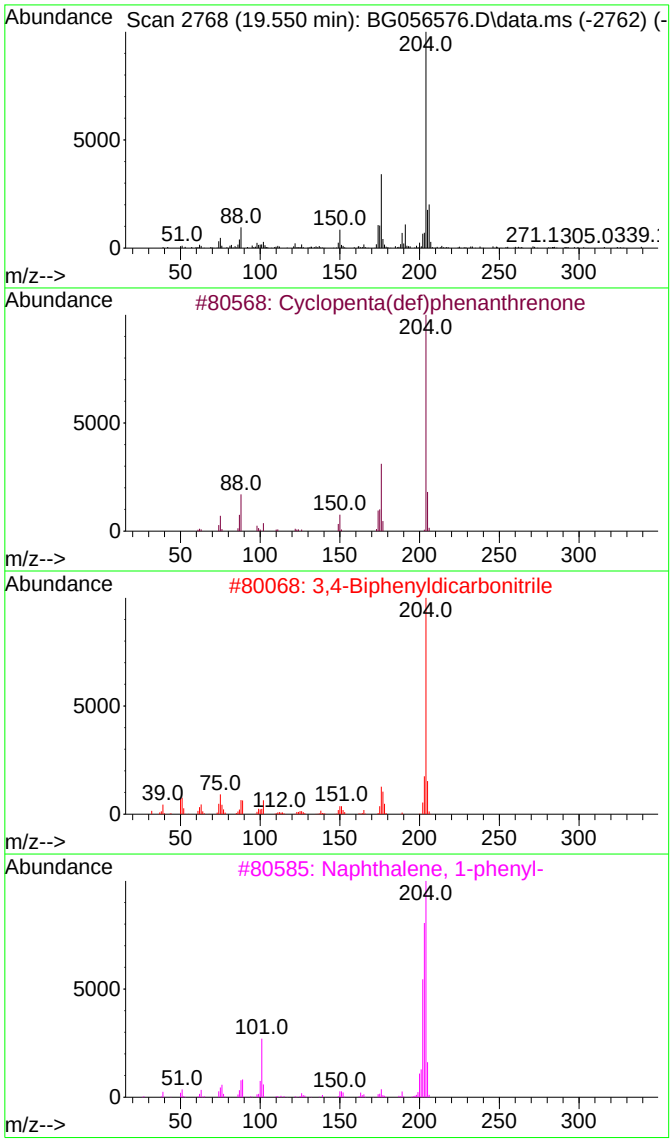
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

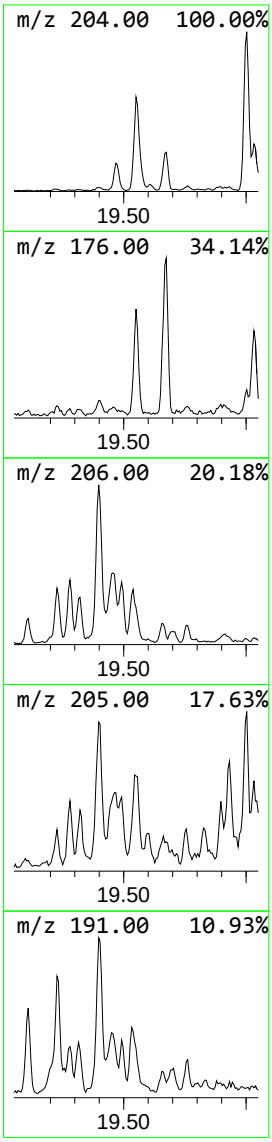
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.550	7.42 ng	260346	Phenanthrene-d10	17.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	50
4	1-[3-(3,3-Dimethyl-but-1-ynyl)-2...	219	C15H25N	1000275-17-2	47
5	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	46





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Sample : 01445-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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

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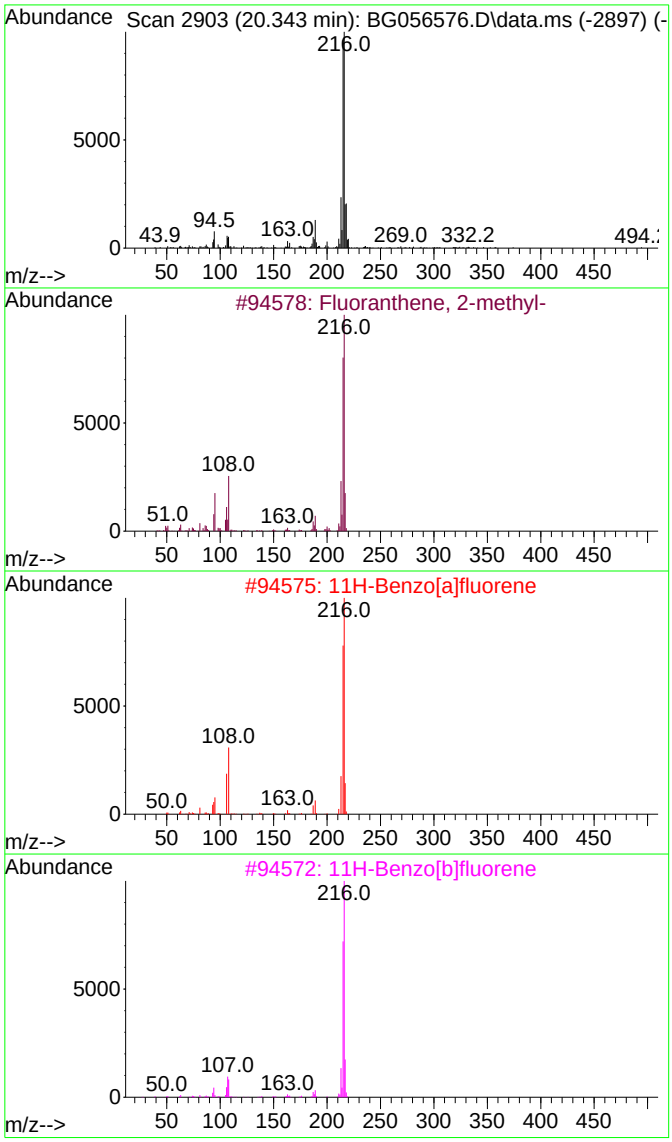
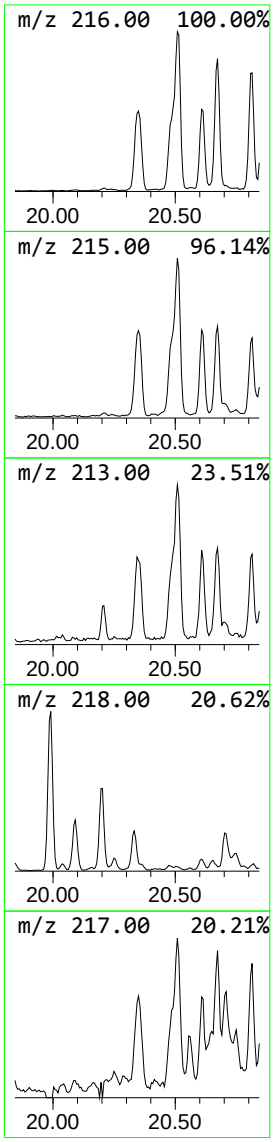
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.343	3.06 ng	389067	Chrysene-d12	21.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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

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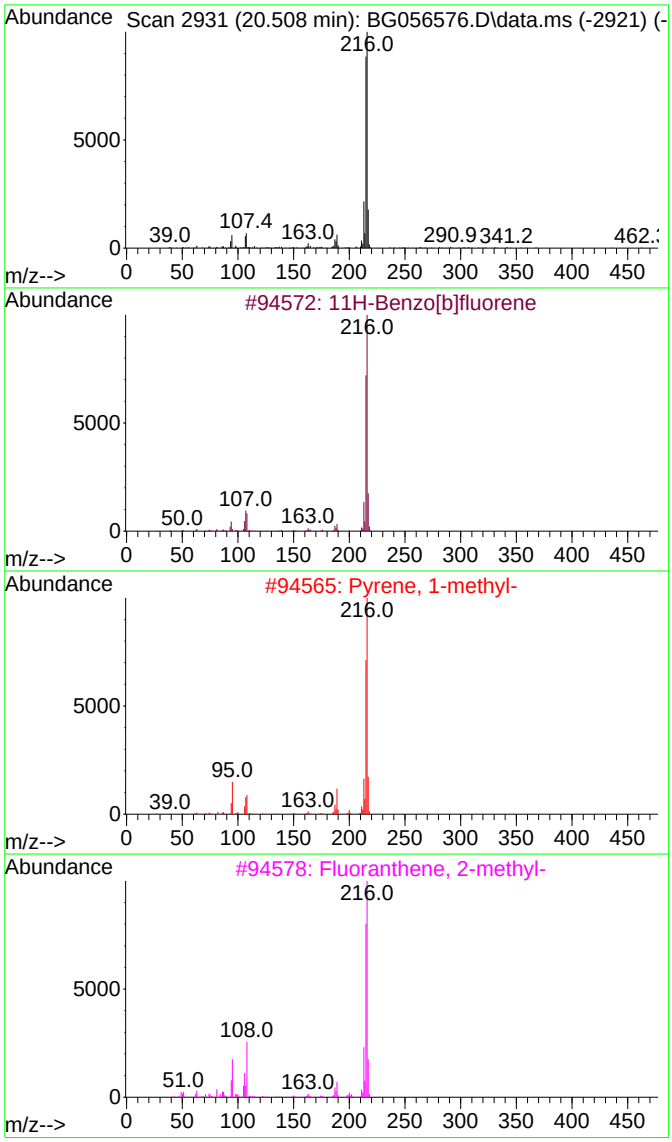
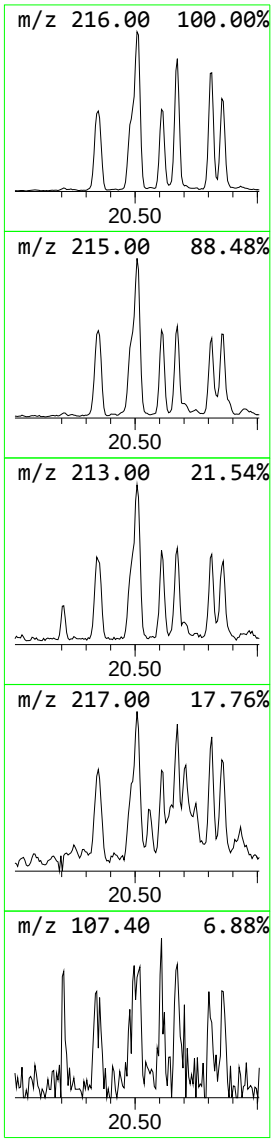
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.508	5.04 ng	640767	Chrysene-d12	21.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72





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Sample : 01445-07 2X
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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

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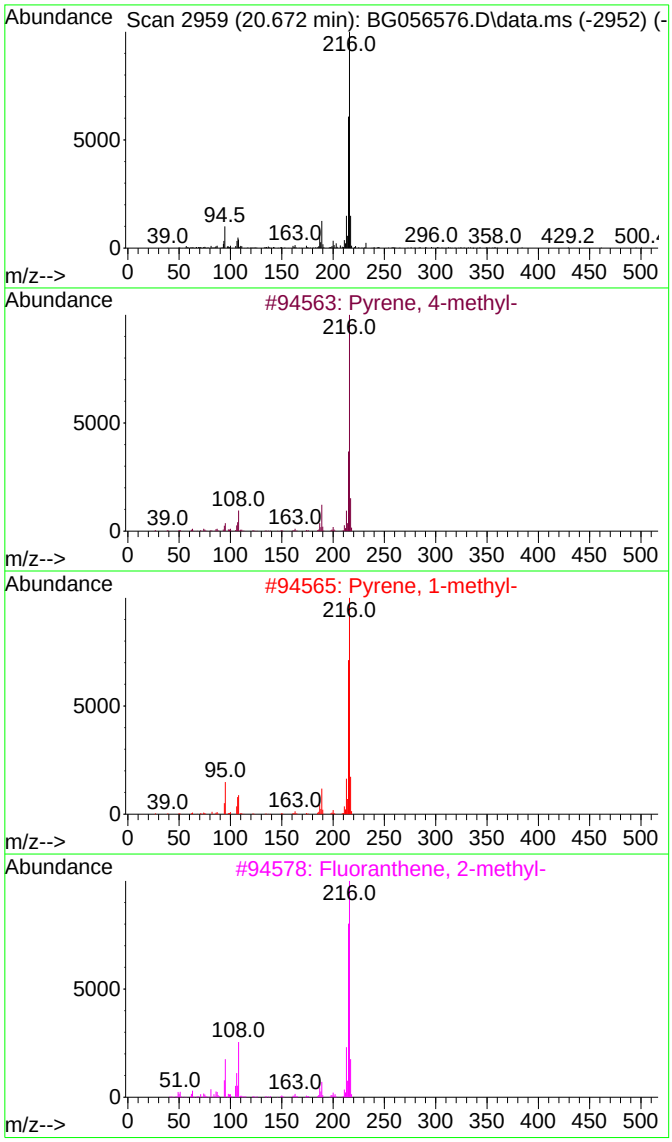
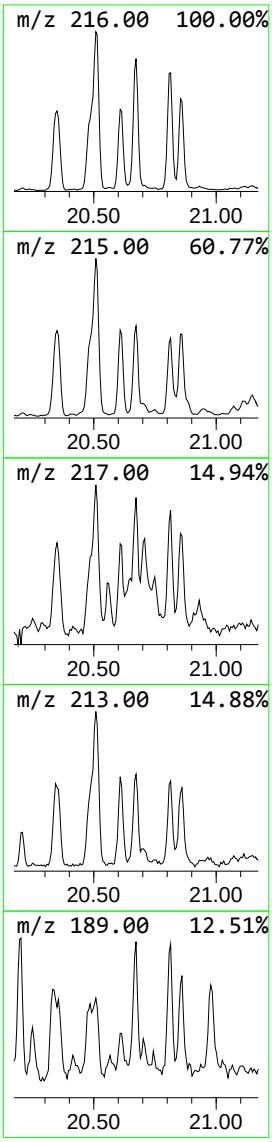
Peak Number 16 Pyrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.672	3.07 ng	390232	Chrysene-d12	21.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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

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

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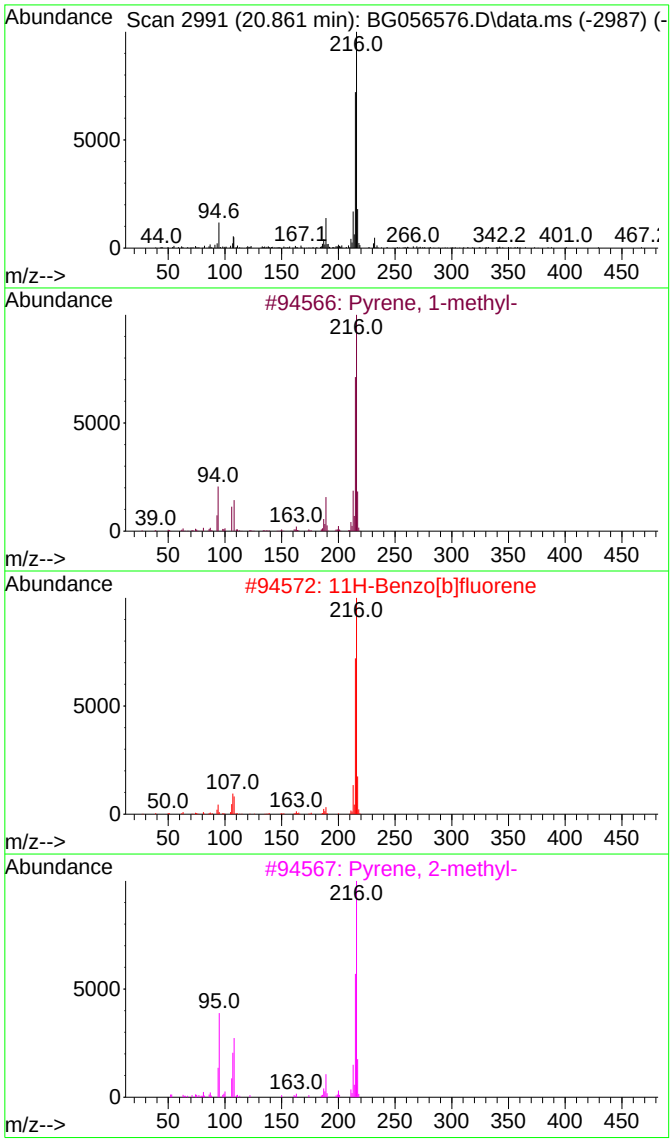
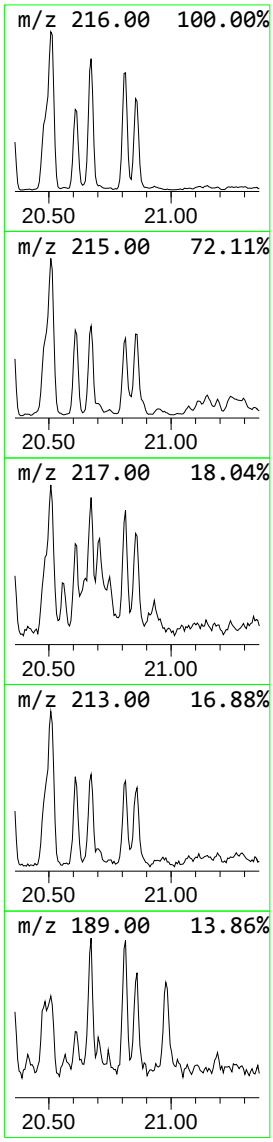
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.860	2.34 ng	297041	Chrysene-d12	21.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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TIC Library : C:\Database\NIST20.L
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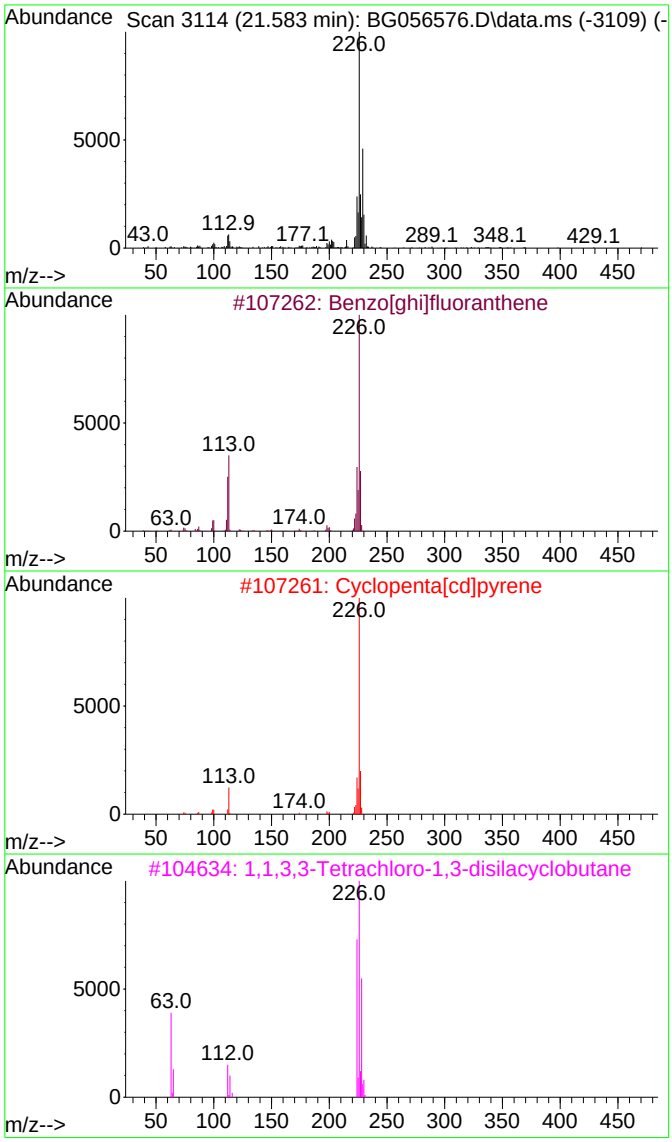
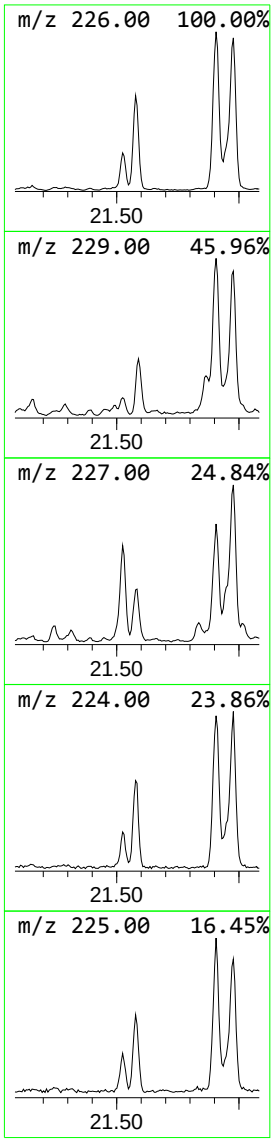
Peak Number 18 unknown21.583 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.583	2.70 ng	342780	Chrysene-d12	21.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
3	1,1,3,3-Tetrachloro-1,3-disilacy...	224	C2H4Cl4Si2	002146-97-6	43
4	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	38
5	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056576.D
Acq On : 7 Feb 2023 20:47
Operator : CG/JU
Sample : 01445-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

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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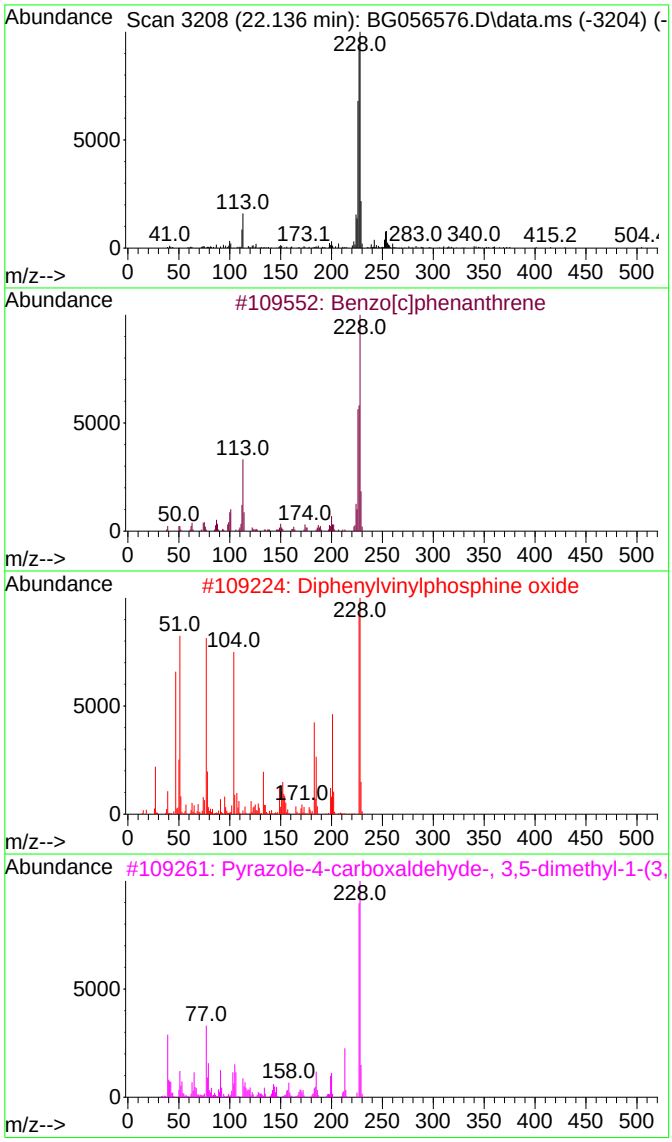
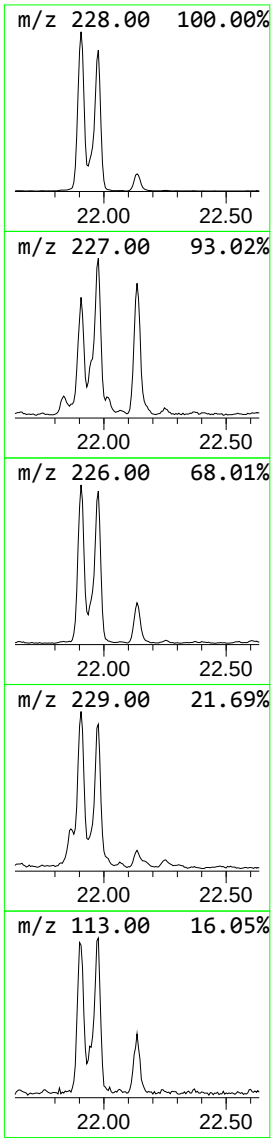
Peak Number 19 Benzo[c]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.136	2.34 ng	297390	Chrysene-d12	21.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
2	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	50
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
4	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	46
5	Triphenylene	228	C18H12	000217-59-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056576.D
Acq On : 7 Feb 2023 20:47
Operator : CG/JU
Sample : 01445-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

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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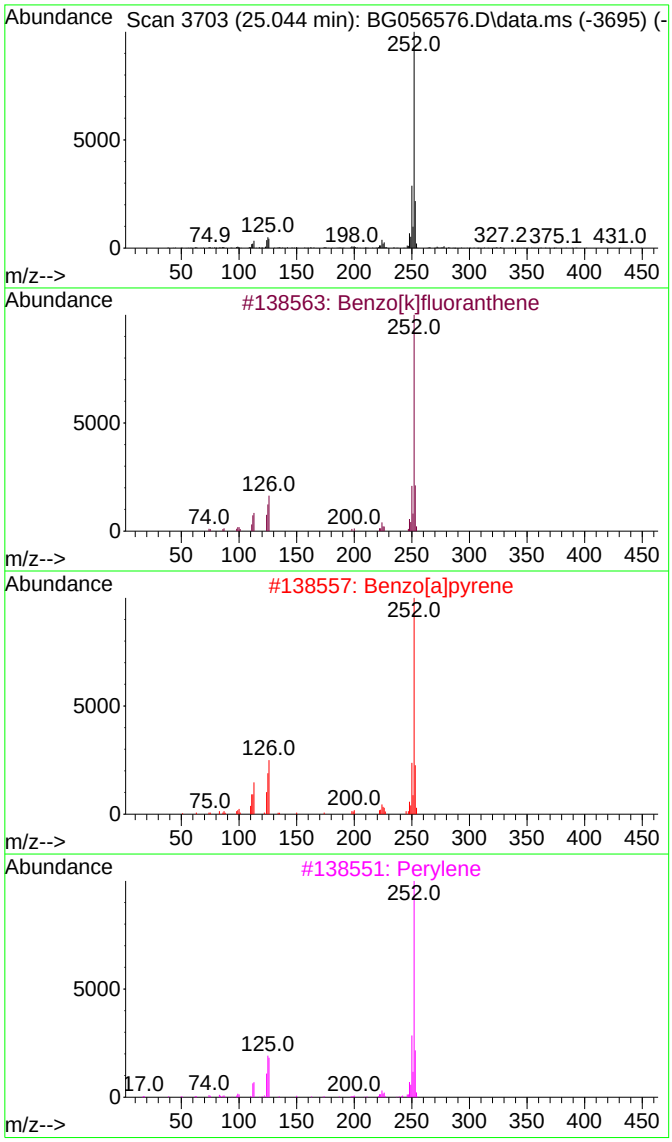
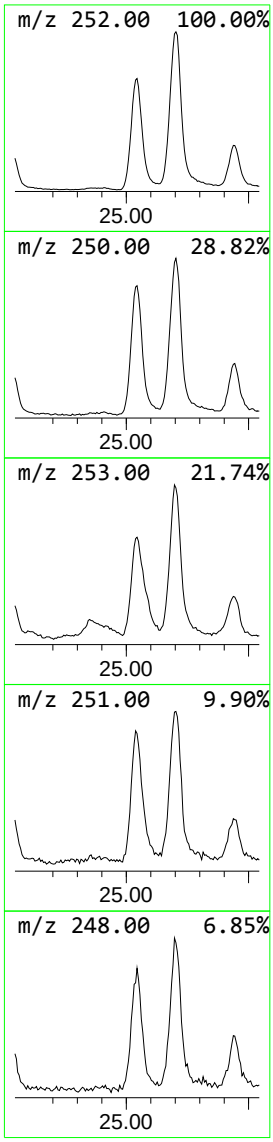
Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.044	14.89 ng	1141480	Perylene-d12	25.361

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056576.D
Acq On : 7 Feb 2023 20:47
Operator : CG/JU
Sample : 01445-07 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JPP-29-020323

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-...	5.308	6.9	ng	87684	1	8.269	254310	20.0
Benzophenone	16.231	8.7	ng	232644	3	14.891	537437	20.0
5H-Indeno[1,2-b...	18.029	2.6	ng	91973	4	17.629	701868	20.0
Anthracene, 9-m...	18.499	8.8	ng	308403	4	17.629	701868	20.0
Phenanthrene, 1...	18.546	9.6	ng	335395	4	17.629	701868	20.0
Phenanthrene, 2...	18.628	4.8	ng	167777	4	17.629	701868	20.0
unknown18.692	18.692	15.2	ng	534912	4	17.629	701868	20.0
Anthracene, 2-m...	18.728	5.1	ng	178148	4	17.629	701868	20.0
5,16[1',2']:8,1...	18.986	7.0	ng	247228	4	17.629	701868	20.0
9,10-Anthracene...	19.039	4.1	ng	144794	4	17.629	701868	20.0
Phenanthrene, 4...	19.227	2.6	ng	89818	4	17.629	701868	20.0
Phenanthrene, 2...	19.398	7.8	ng	275570	4	17.629	701868	20.0
Cyclopenta(def)...	19.550	7.4	ng	260346	4	17.629	701868	20.0
Fluoranthene, 2...	20.343	3.1	ng	389067	5	21.924	2542560	20.0
11H-Benzo[b]flu...	20.508	5.0	ng	640767	5	21.924	2542560	20.0
Pyrene, 4-methyl-	20.672	3.1	ng	390232	5	21.924	2542560	20.0
Pyrene, 1-methyl-	20.860	2.3	ng	297041	5	21.924	2542560	20.0
unknown21.583	21.583	2.7	ng	342780	5	21.924	2542560	20.0
Benzo[c]phenant...	22.136	2.3	ng	297390	5	21.924	2542560	20.0
Perylene	25.044	14.9	ng	1141480	6	25.361	1533430	20.0