LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
Data File : BG056560.D
Acq On : 6 Feb 2023 18:27
Operator : CG/JU
Sample : 01432-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

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: BG056560.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.310	337	344	356	rBV	133723	220843	7.97%	0.654%
2	5.798	420	427	435	rBV	560126	942308	34.00%	2.790%
3	7.426	696	704	715	rBV	564861	995014	35.90%	2.946%
4	8.278	842	849	857	rBV	130150	217926	7.86%	0.645%
5	9.453	1041	1049	1060	rBV	342386	609604	21.99%	1.805%
6	11.109	1323	1331	1337	rBV	172232	309954	11.18%	0.918%
7	13.518	1733	1741	1751	rBV	1241377	1943741	70.13%	5.754%
8	14.218	1853	1860	1865	rBV2	19455	37259	1.34%	0.110%
9	14.893	1965	1975	1981	rBV	296027	474282	17.11%	1.404%
10	14.958	1981	1986	1992	rVB2	107348	161288	5.82%	0.477%
11	15.287	2036	2042	2049	rBV	63295	110232	3.98%	0.326%
12	15.498	2072	2078	2083	rBV3	17235	32092	1.16%	0.095%
13	15.669	2100	2107	2110	rBV2	16571	34369	1.24%	0.102%
14	15.933	2140	2152	2161	rBV3	88127	161912	5.84%	0.479%
15	16.033	2161	2169	2170	rBV4	17583	31610	1.14%	0.094%
16	16.098	2176	2180	2184	rVB2	25407	36346	1.31%	0.108%
17	16.227	2197	2202	2209	rVB2	78550	136902	4.94%	0.405%
18	16.380	2221	2228	2235	rBV2	894089	1385848	50.00%	4.103%
19	16.597	2262	2265	2277	rVB5	16634	35143	1.27%	0.104%
20	16.903	2310	2317	2319	rBV4	26553	52677	1.90%	0.156%
21	16.932	2320	2322	2327	rVV2	35605	51095	1.84%	0.151%
22	16.985	2327	2331	2335	rVB2	19741	29465	1.06%	0.087%
23	17.155	2353	2360	2364	rBV3	40101	86735	3.13%	0.257%
24	17.196	2364	2367	2371	rVB4	26489	38625	1.39%	0.114%
25	17.290	2378	2383	2389	rVB	78291	130462	4.71%	0.386%
26	17.355	2389	2394	2396	rBV	39257	66442	2.40%	0.197%
27	17.455	2406	2411	2419	rVB	76350	123035	4.44%	0.364%
28	17.637	2435	2442	2445	rBV	369320	583651	21.06%	1.728%
29	17.678	2445	2449	2455	rVB	1378082	2067220	74.58%	6.120%
30	17.772	2455	2465	2470	rBV	328350	547403	19.75%	1.621%
31	18.031	2502	2509	2516	rBV2	105609	222199	8.02%	0.658%
32	18.142	2524	2528	2532	rBV	37075	49357	1.78%	0.146%
33	18.213	2537	2540	2543	rVV4	28387	39546	1.43%	0.117%
34	18.254	2543	2547	2551	rVB	85212	103609	3.74%	0.307%
35	18.354	2560	2564	2572	rVB4	16866	35521	1.28%	0.105%
36	18.430	2573	2577	2580	rBV	20296	30659	1.11%	0.091%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
Data File : BG056560.D
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Sample : 01432-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

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	18.501	2582	2589	2594	rVV2	217462	449445	16.21%	1.331%
38	18.554	2594	2598	2605	rVB	291441	430419	15.53%	1.274%
39	18.630	2606	2611	2616	rBV	132977	188648	6.81%	0.558%
40	18.701	2616	2623	2627	rBV2	258050	548048	19.77%	1.622%
41	18.736	2627	2629	2633	rVB	143579	153541	5.54%	0.455%
42	18.842	2644	2647	2651	rBV3	24925	37668	1.36%	0.112%
43	18.936	2660	2663	2667	rVB5	22480	31325	1.13%	0.093%
44	18.989	2667	2672	2677	rBV	173395	244712	8.83%	0.724%
45	19.041	2677	2681	2686	rVB	125068	177194	6.39%	0.525%
46	19.235	2710	2714	2718	rVB	50899	67194	2.42%	0.199%
47	19.282	2719	2722	2726	rBV	39062	44792	1.62%	0.133%
48	19.323	2726	2729	2734	rVB2	49133	69801	2.52%	0.207%
49	19.382	2734	2739	2741	rBV	364942	471859	17.02%	1.397%
50	19.412	2741	2744	2749	rVB3	252444	335408	12.10%	0.993%
51	19.553	2762	2768	2773	rBV2	120155	243225	8.77%	0.720%
52	19.676	2782	2789	2794	rVV	1868192	2624114	94.67%	7.769%
53	19.717	2794	2796	2799	rVV	29843	40003	1.44%	0.118%
54	19.764	2801	2804	2813	rVB2	82669	126623	4.57%	0.375%
55	19.999	2839	2844	2846	rBV2	340070	555233	20.03%	1.644%
56	20.034	2846	2850	2856	rVV	1609351	2342733	84.52%	6.936%
57	20.093	2856	2860	2866	rVB2	130713	202389	7.30%	0.599%
58	20.211	2875	2880	2885	rVB	2152385	2771802	100.00%	8.206%
59	20.275	2888	2891	2896	rVB	96661	135934	4.90%	0.402%
60	20.352	2898	2904	2910	rBV2	174689	396811	14.32%	1.175%
61	20.481	2920	2926	2928	rBV4	108070	213054	7.69%	0.631%
62	20.516	2929	2932	2937	rVB	187538	248261	8.96%	0.735%
63	20.675	2952	2959	2962	rBV2	172455	330548	11.93%	0.979%
64	20.739	2967	2970	2977	rVB3	103952	168137	6.07%	0.498%
65	20.816	2980	2983	2986	rVV	107613	136594	4.93%	0.404%
66	20.863	2988	2991	2998	rVB	122607	185695	6.70%	0.550%
67	21.298	3060	3065	3077	rBV	207646	367552	13.26%	1.088%
68	21.491	3092	3098	3101	rBV3	123196	275016	9.92%	0.814%
69	21.585	3110	3114	3119	rBV2	146894	262306	9.46%	0.777%
70	21.644	3120	3124	3131	rVB2	170502	304144	10.97%	0.900%
71	21.909	3164	3169	3177	rBV3	849313	2063921	74.46%	6.110%
72	21.979	3177	3181	3192	rVB	706461	1261044	45.50%	3.733%
73	22.138	3205	3208	3214	rVB2	77723	120473	4.35%	0.357%
74	24.271	3563	3571	3579	rBV	398007	1410735	50.90%	4.176%
75	25.040	3699	3702	3718	rVB2	226695	607812	21.93%	1.799%
76	25.205	3723	3730	3743	rVB	333971	1000155	36.08%	2.961%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
Data File : BG056560.D
Acq On : 6 Feb 2023 18:27
Operator : CG/JU
Sample : 01432-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

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

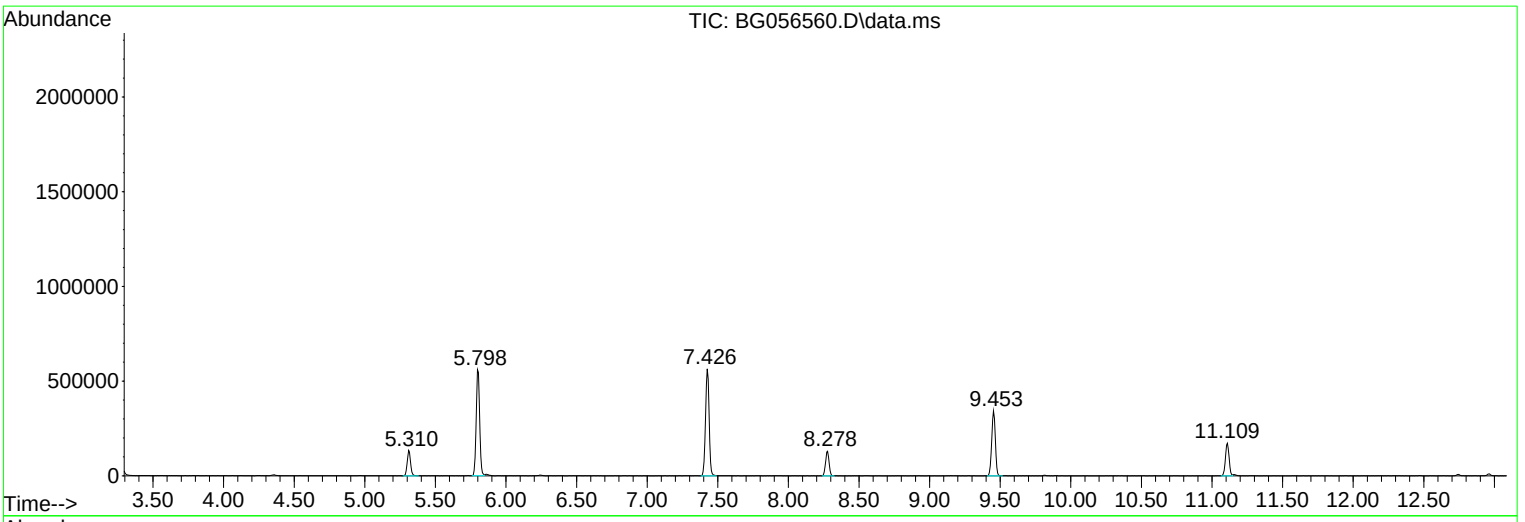
Sum of corrected areas: 33778742

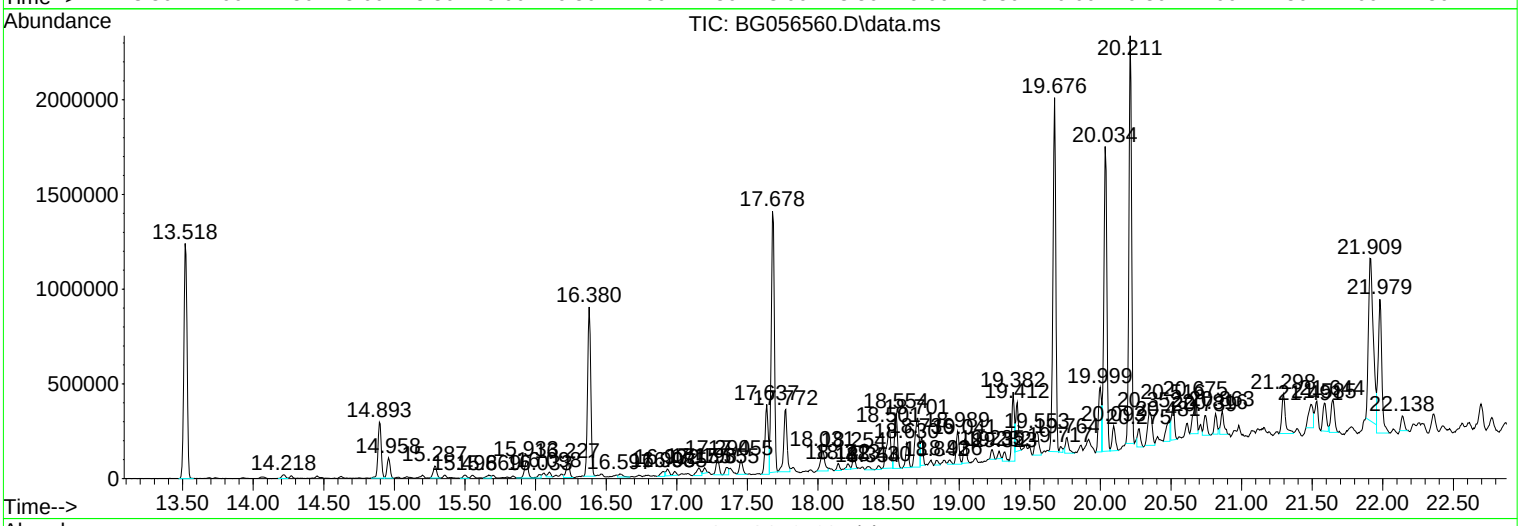
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
Data File : BG056560.D
Acq On : 6 Feb 2023 18:27
Operator : CG/JU
Sample : 01432-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

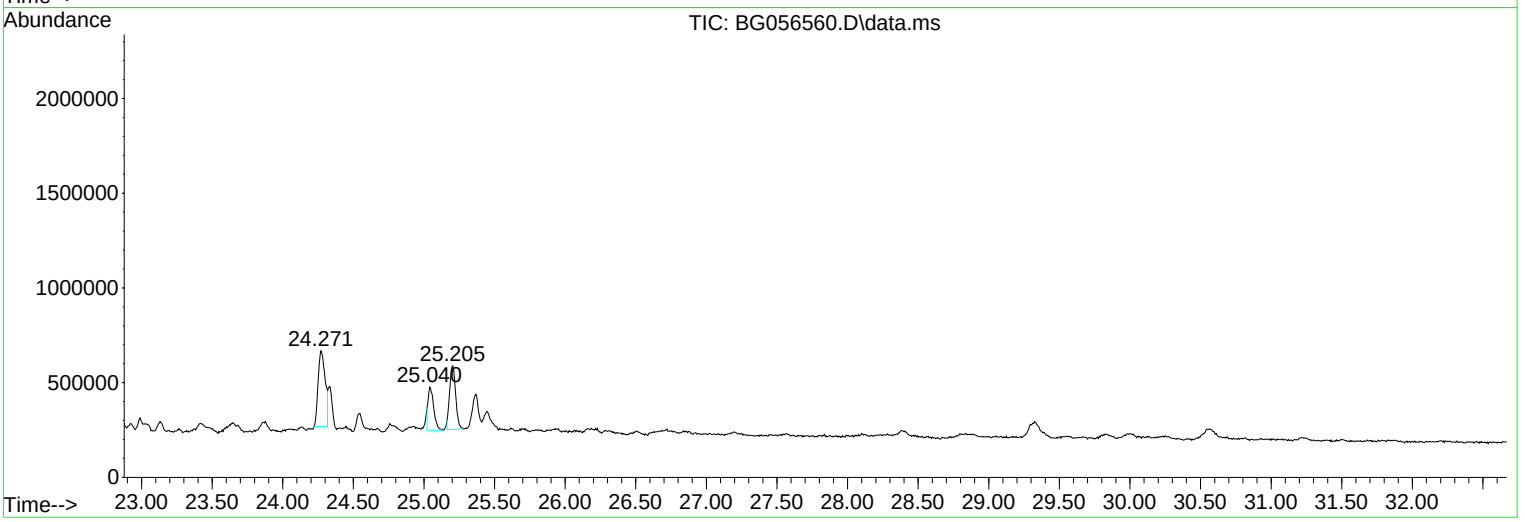
Instrument :
BNA_G
ClientSampleId :
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

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\BG020623\
Data File : BG056560.D
Acq On : 6 Feb 2023 18:27
Operator : CG/JU
Sample : 01432-01
Misc :
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Instrument :
BNA_G
ClientSampleId :
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

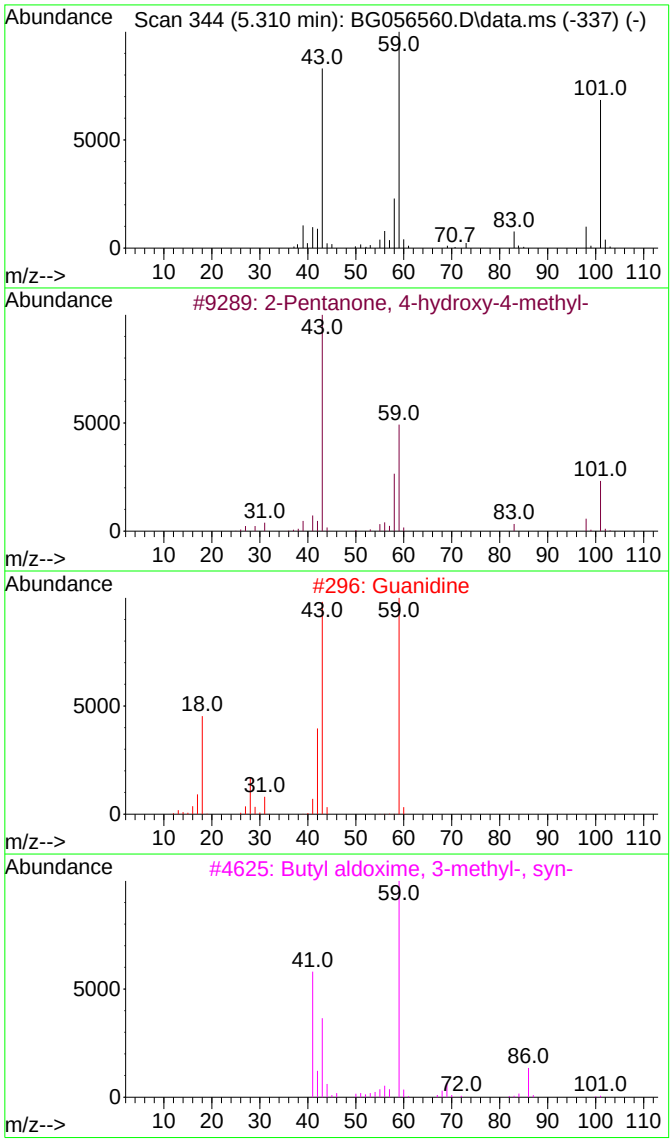
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

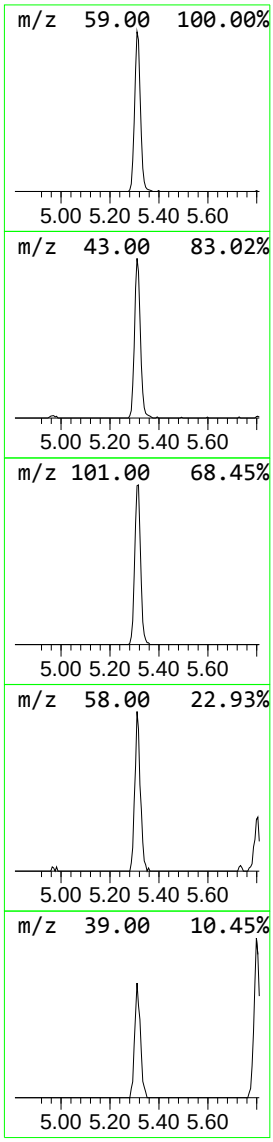
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.310	20.27 ng	220843	1,4-Dichlorobenzene-d4	8.278

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Guanidine	59	CH5N3	000113-00-8	37
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	35
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35
5	Tetraglyme	222	C10H22O5	000143-24-8	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
Data File : BG056560.D
Acq On : 6 Feb 2023 18:27
Operator : CG/JU
Sample : 01432-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

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

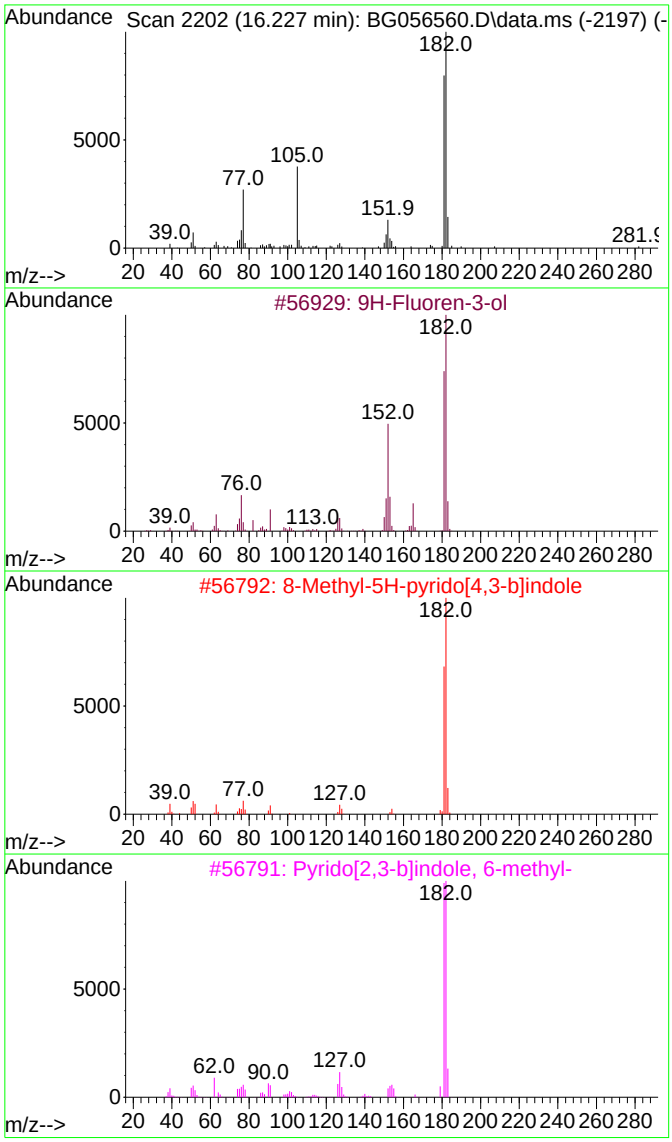
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

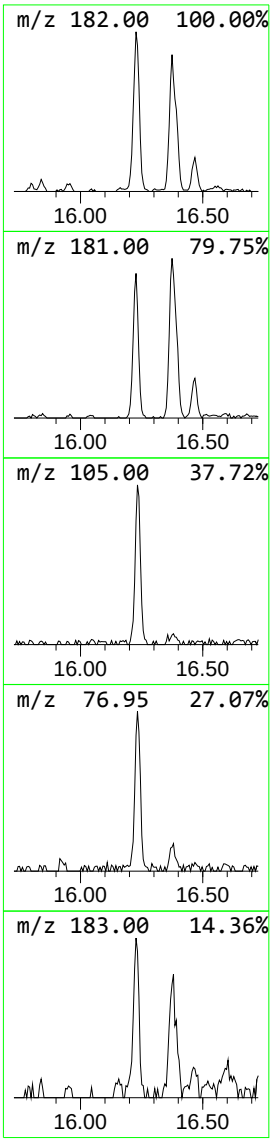
****

Peak Number 2 9H-Fluoren-3-ol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.227	5.77 ng	136902	Acenaphthene-d10	14.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	64
2	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	58
3	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	53
4	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	53
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
Data File : BG056560.D
Acq On : 6 Feb 2023 18:27
Operator : CG/JU
Sample : 01432-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

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

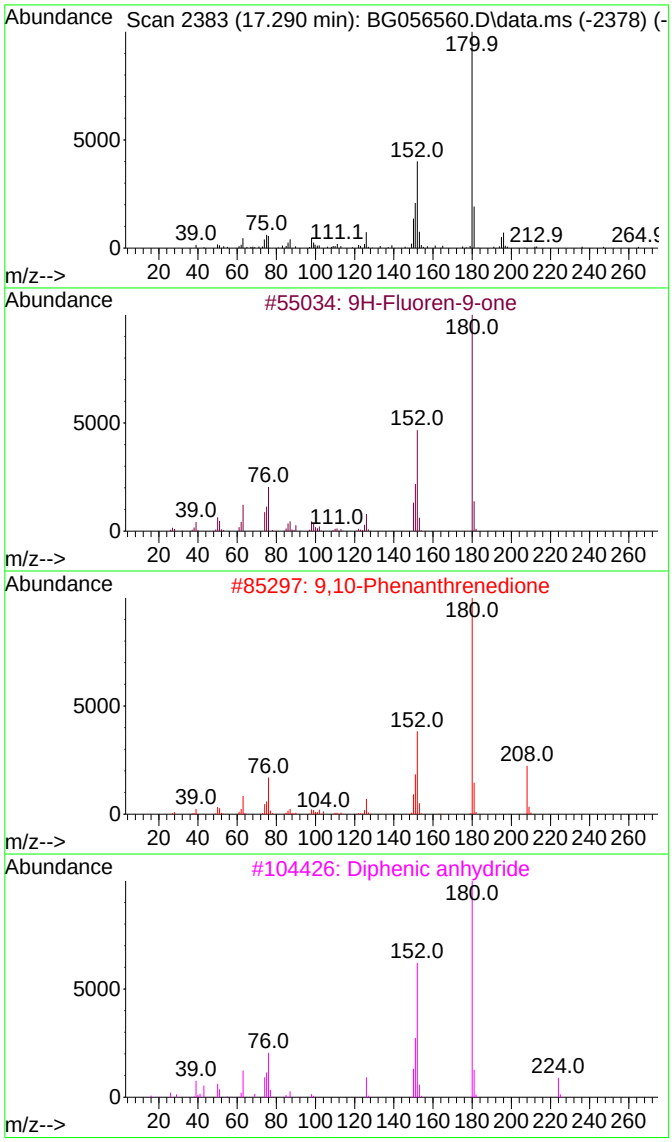
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

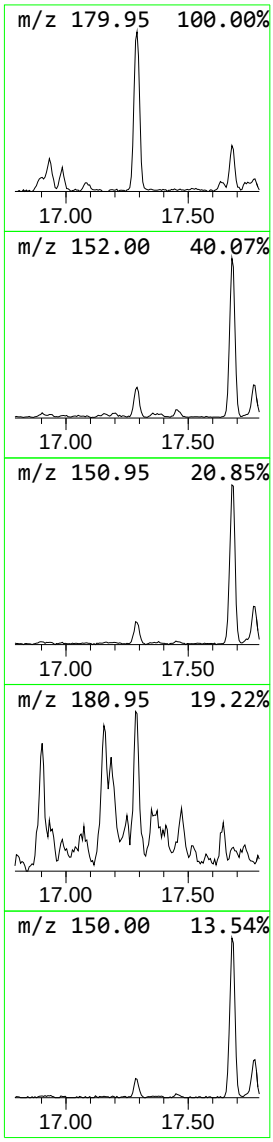
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.291	4.47 ng	130462	Phenanthrene-d10	17.637

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	72
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
Data File : BG056560.D
Acq On : 6 Feb 2023 18:27
Operator : CG/JU
Sample : 01432-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

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

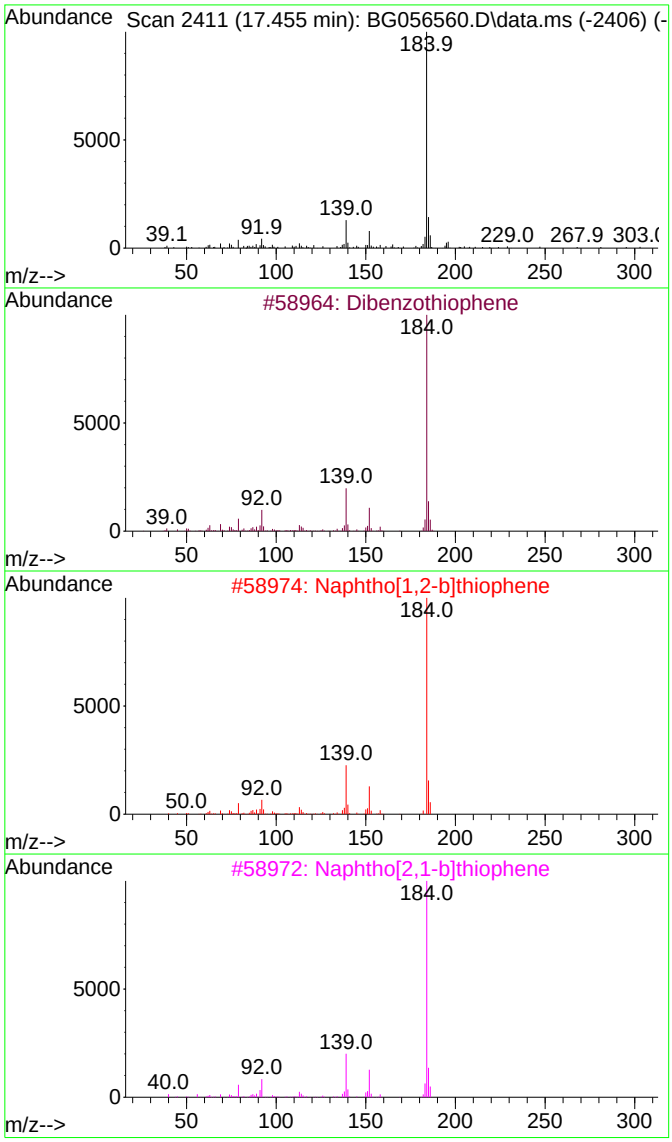
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

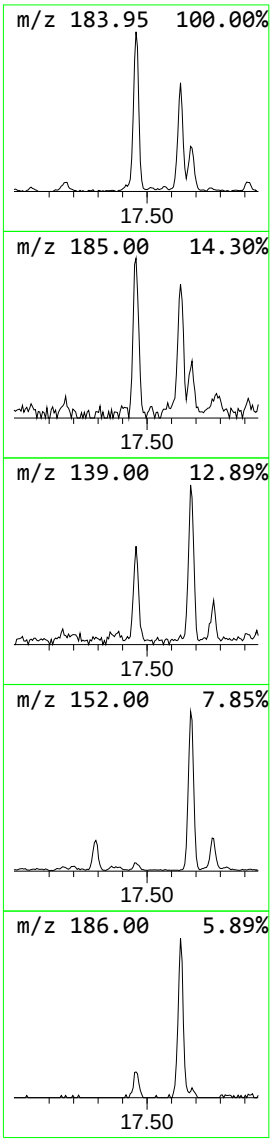
****

Peak Number 4 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.455	4.22 ng	123035	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
Data File : BG056560.D
Acq On : 6 Feb 2023 18:27
Operator : CG/JU
Sample : 01432-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

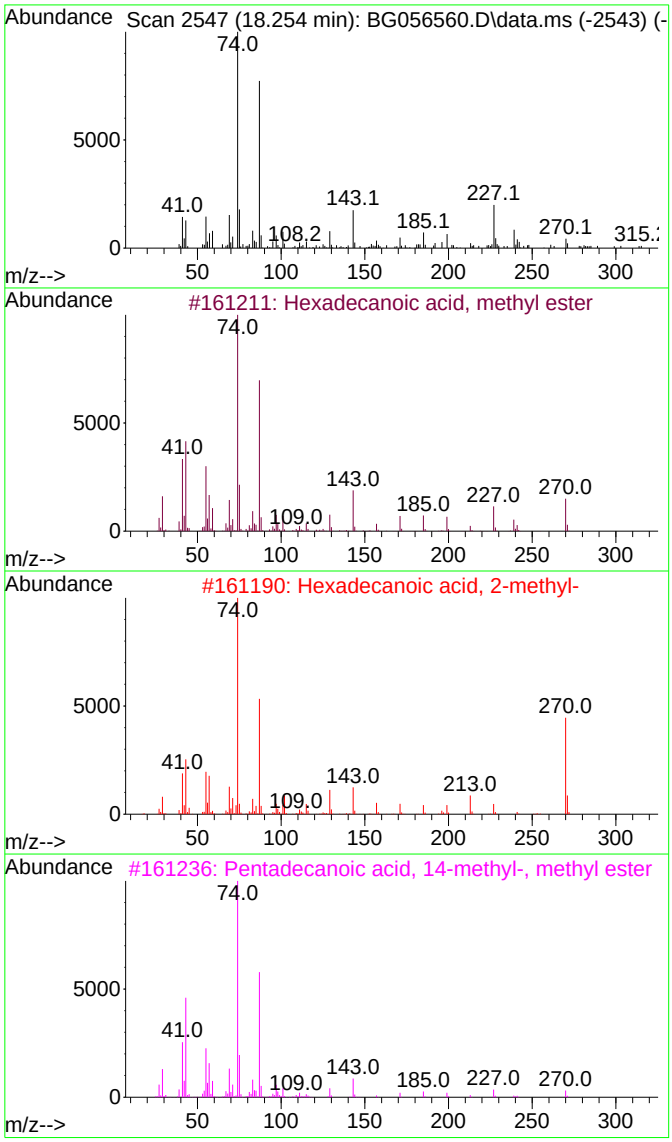
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

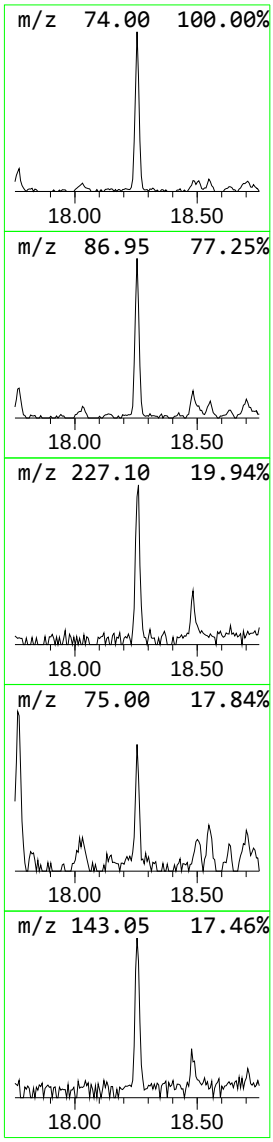
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.254	3.55 ng	103609	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	83
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	81
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	81
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
Data File : BG056560.D
Acq On : 6 Feb 2023 18:27
Operator : CG/JU
Sample : 01432-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

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

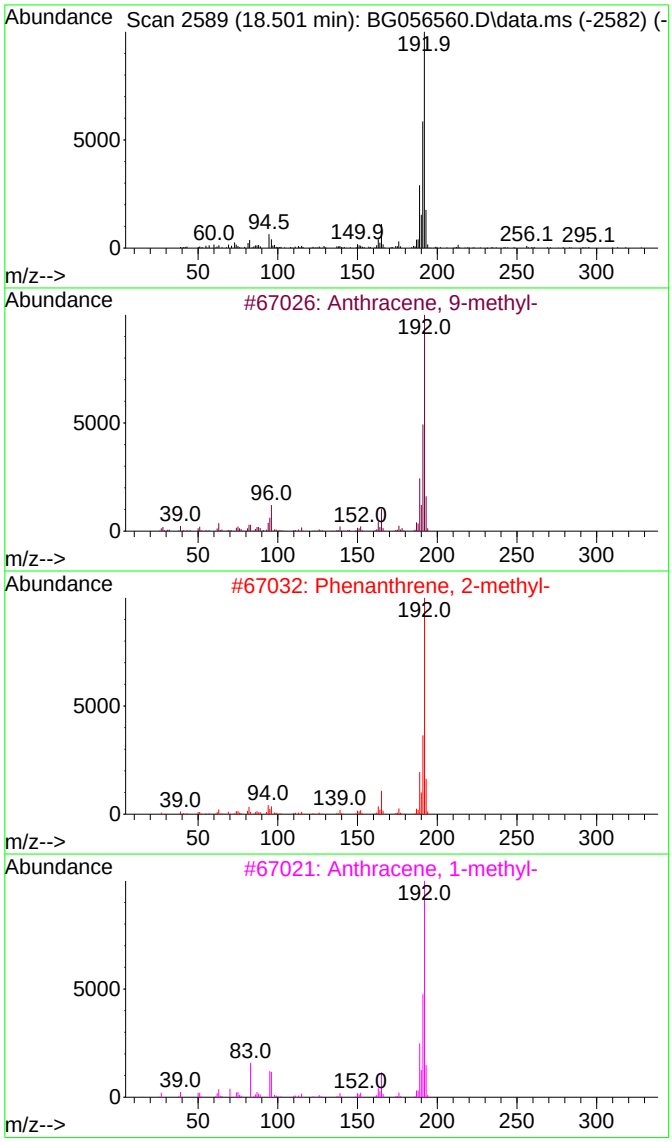
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

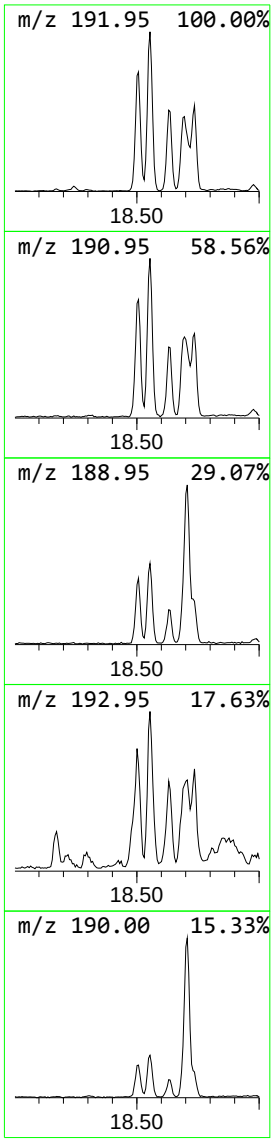
****

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.501	15.40 ng	449445	Phenanthrene-d10	17.637

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	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	90





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Operator : CG/JU
Sample : 01432-01
Misc :
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ClientSampleId :
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

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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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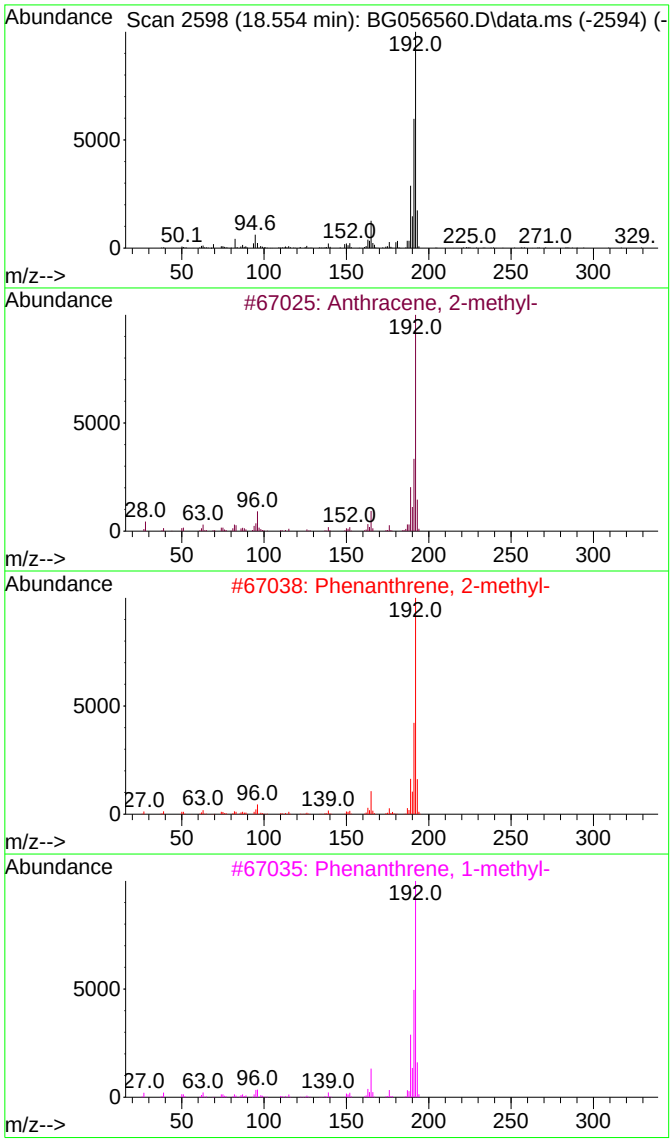
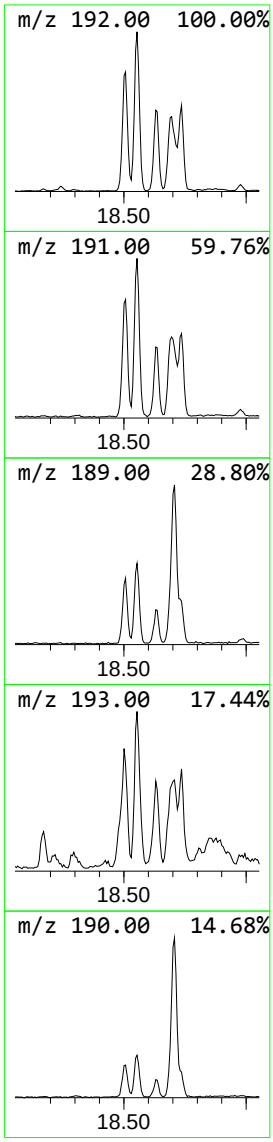
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.554	14.75 ng	430419	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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BNA_G
ClientSampleId :
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

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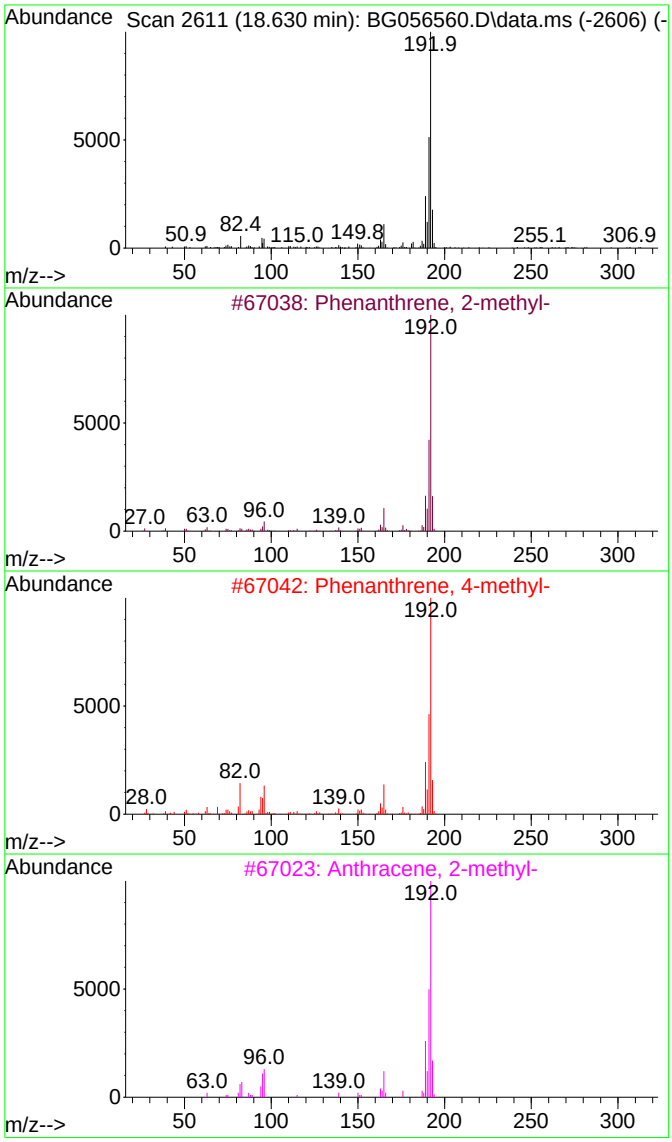
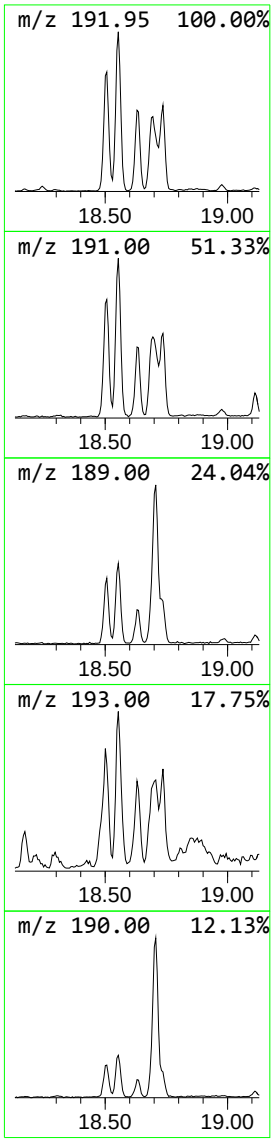
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.630	6.46 ng	188648	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





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ALS Vial : 11 Sample Multiplier: 1

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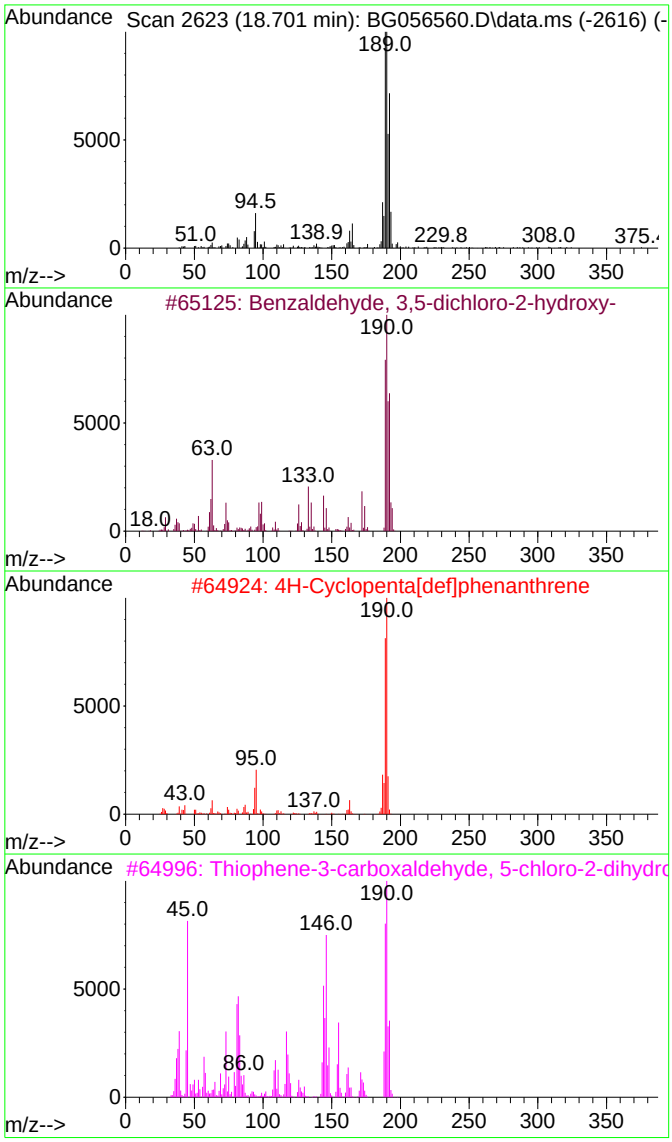
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

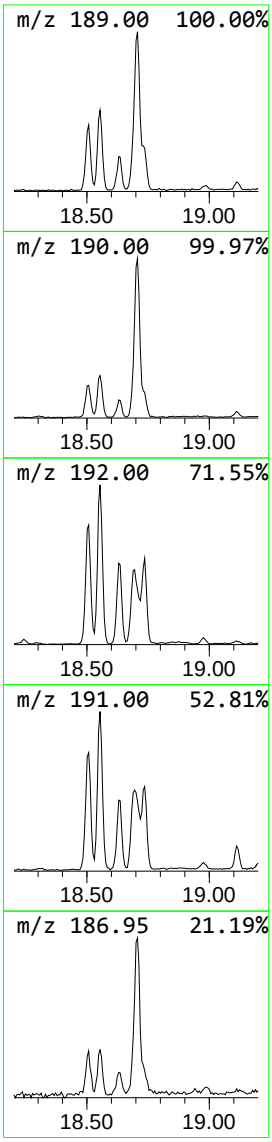
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.701	18.78 ng	548048	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	43
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	30
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	30





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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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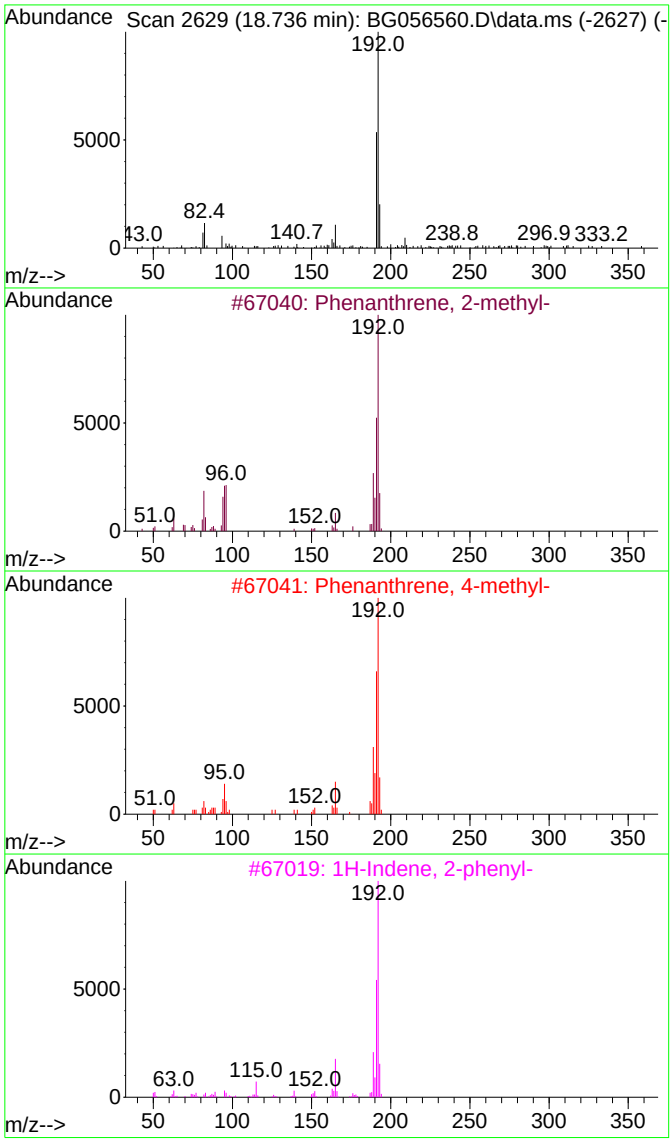
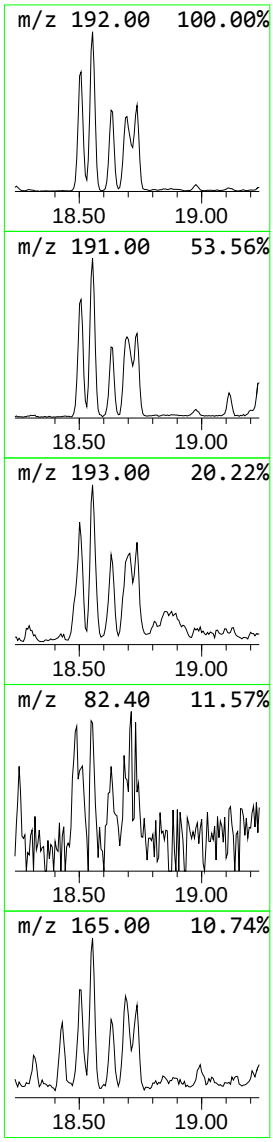
Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.736	5.26 ng	153541	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	78
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	78
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	78
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78





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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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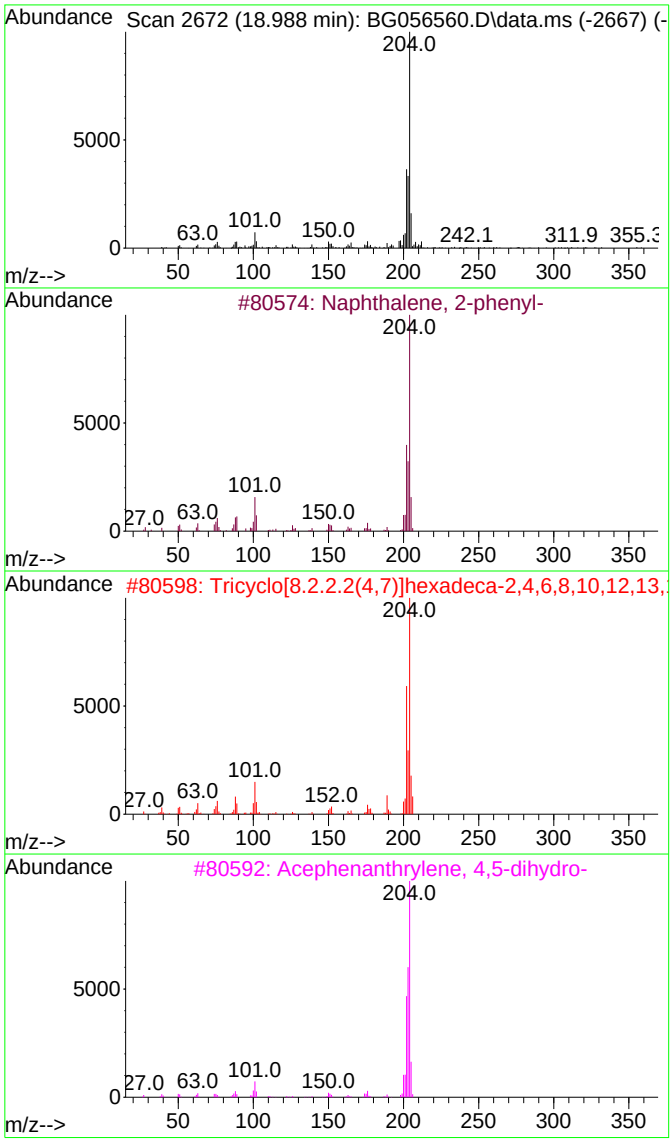
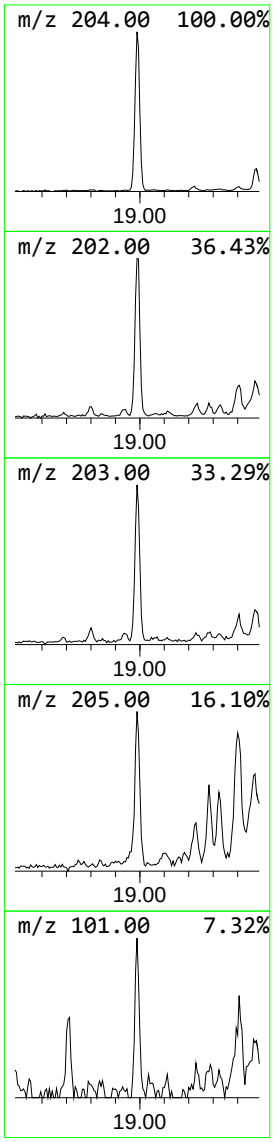
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.988	8.39 ng	244712	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	52





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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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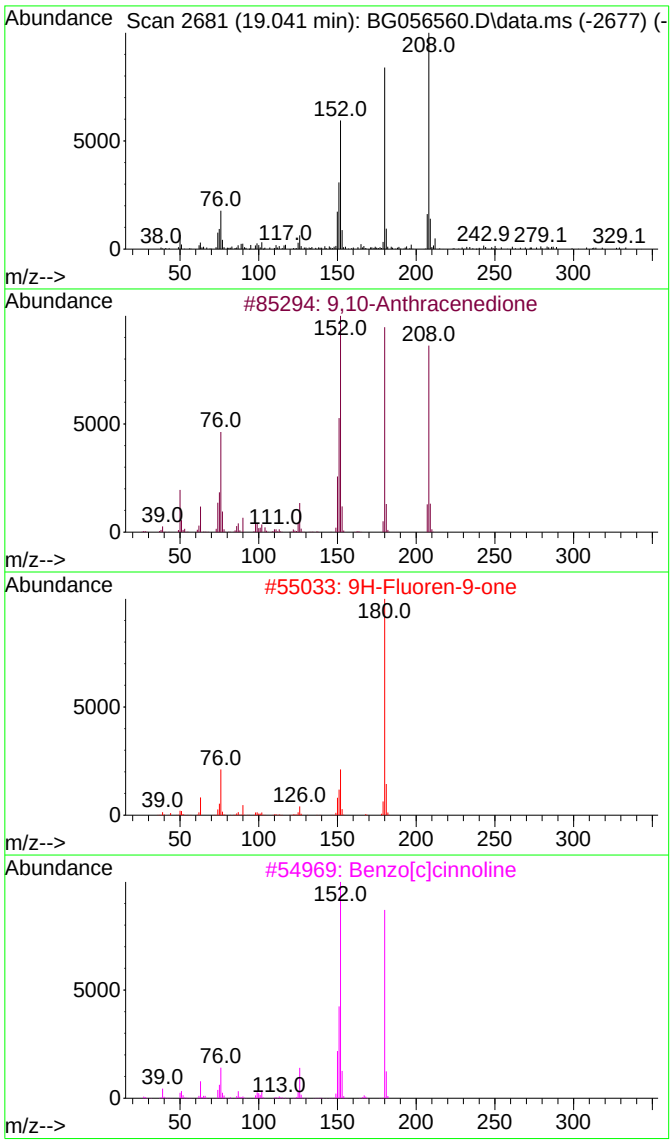
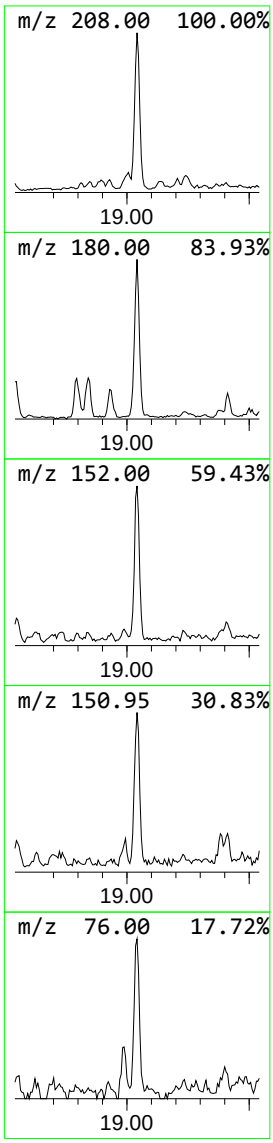
Peak Number 12 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.041	6.07 ng	177194	Phenanthrene-d10	17.637

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	60
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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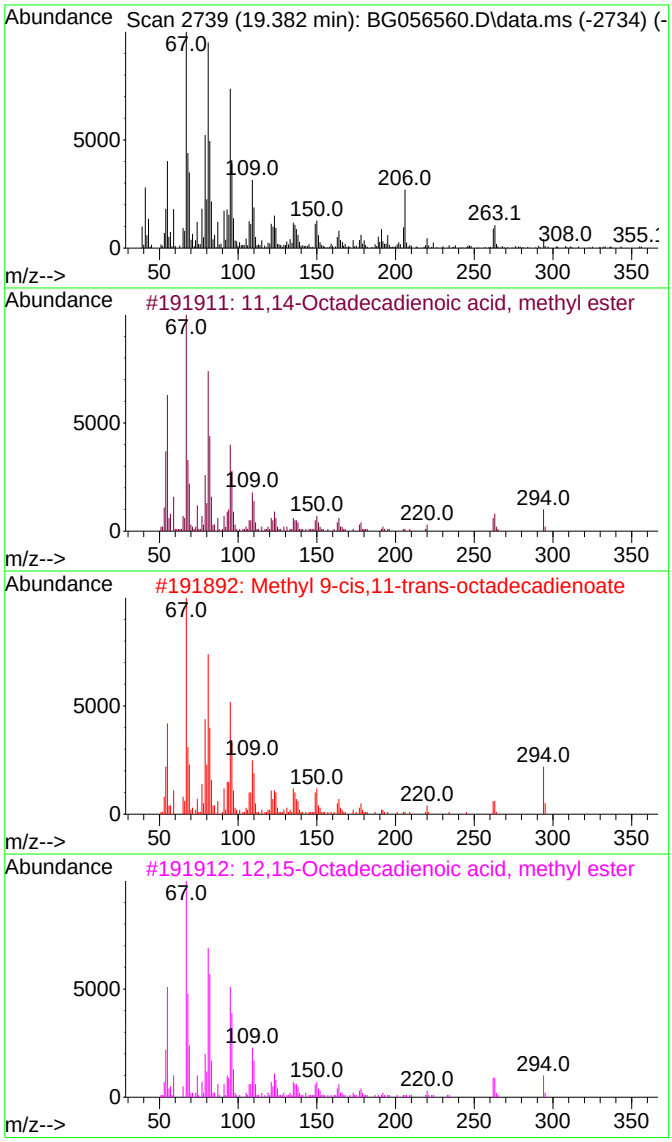
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

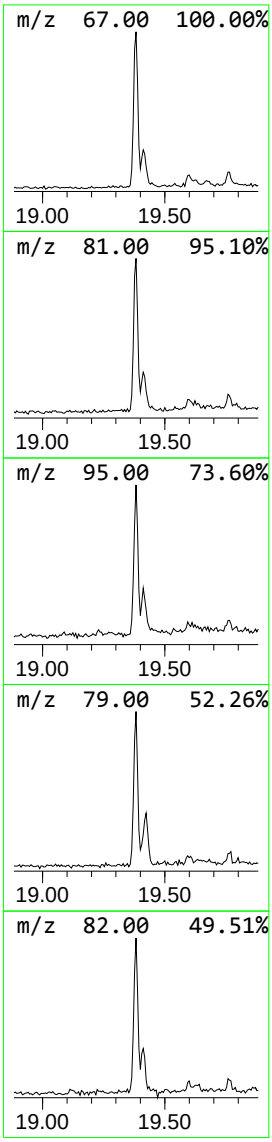
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11,14-Octadecadienoic acid,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.382	16.17 ng	471859	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	96
3	12,15-Octadecadienoic acid, meth...	294	C19H34O2	057156-97-5	96
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	95
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	94





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DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

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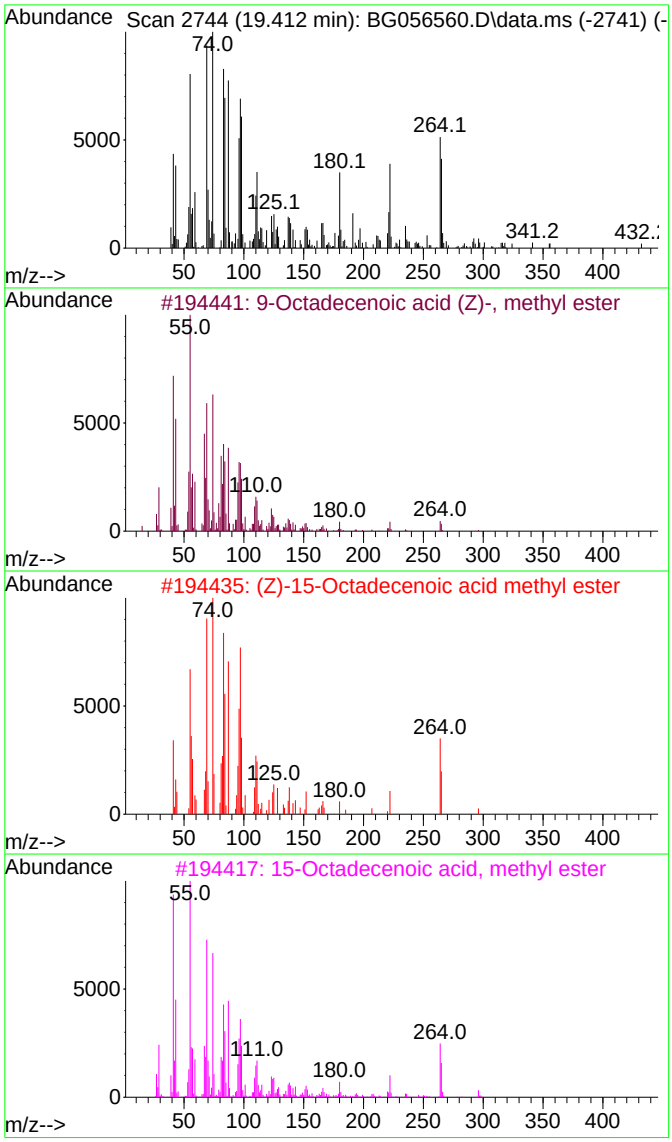
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

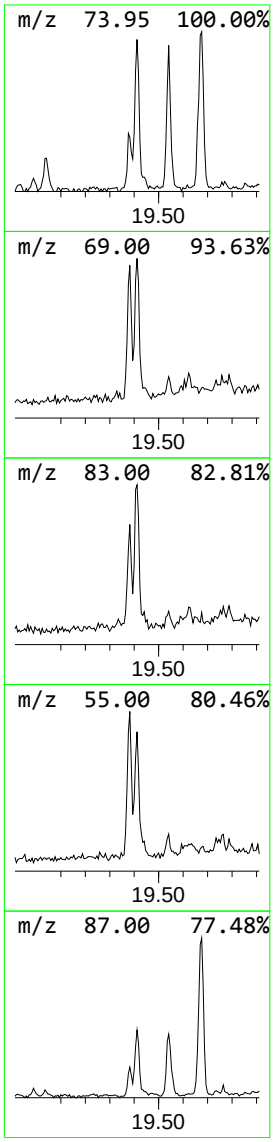
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9-Octadecenoic acid (Z)-, m... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.412	11.49 ng	335408	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	93
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	93
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	89
5	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	87





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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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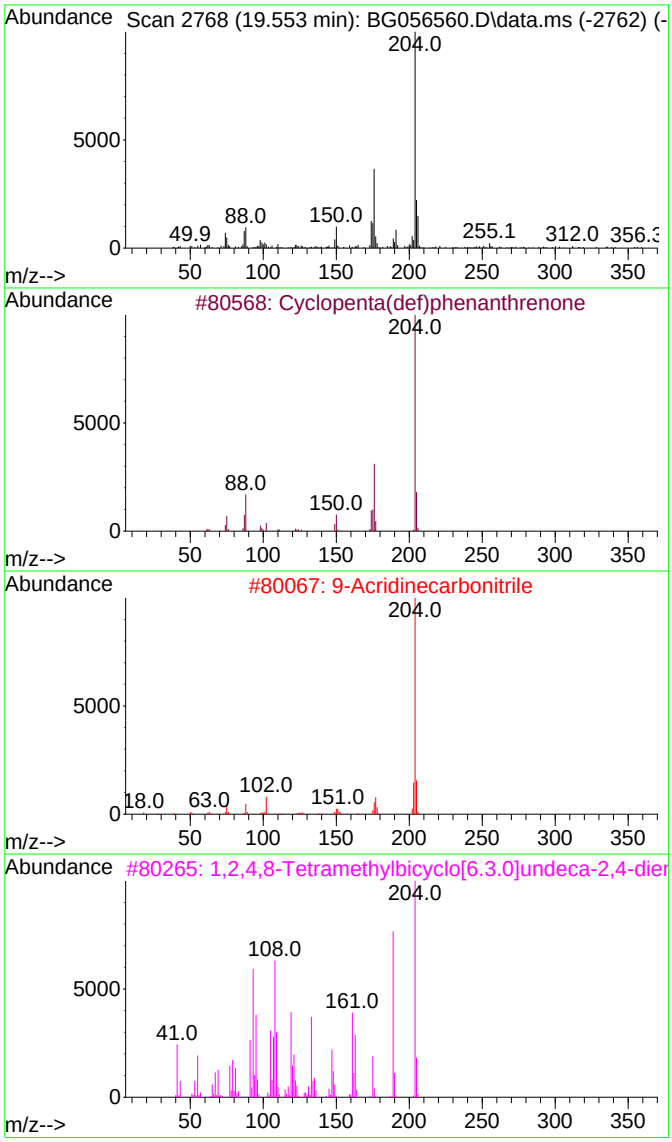
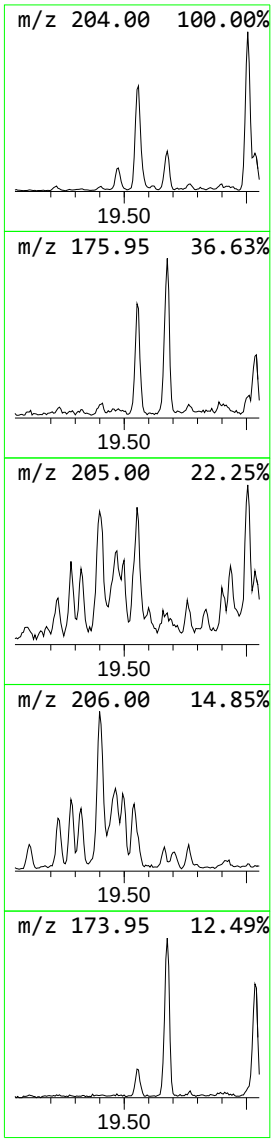
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.552	8.33 ng	243225	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	59
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
4	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	49
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47





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ClientSampleId :
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

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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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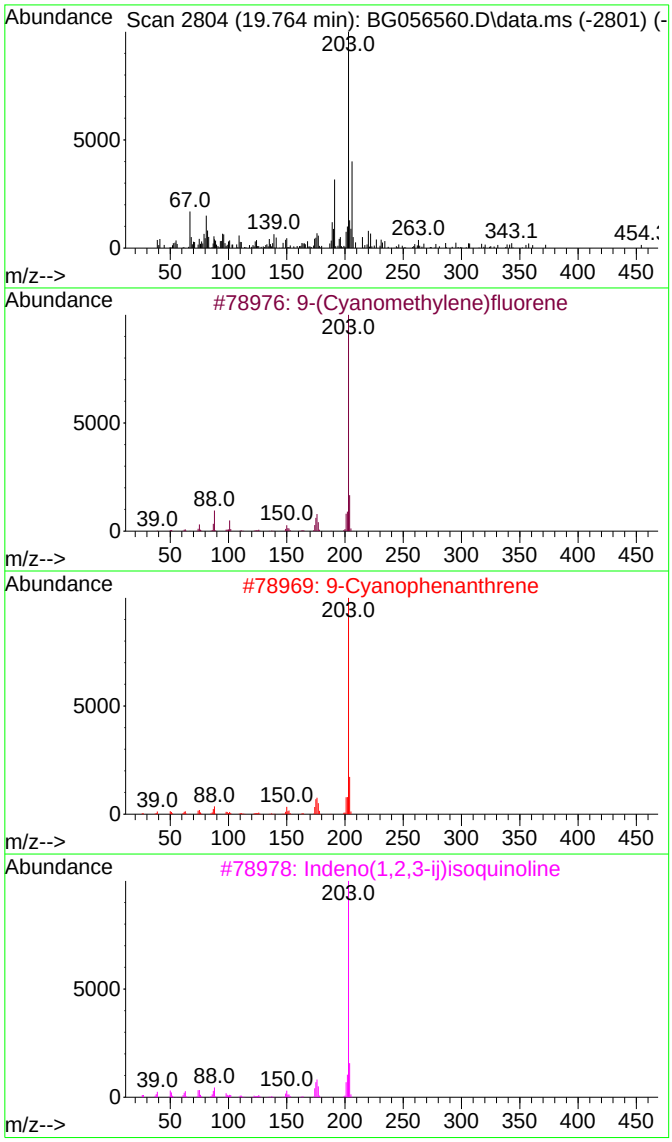
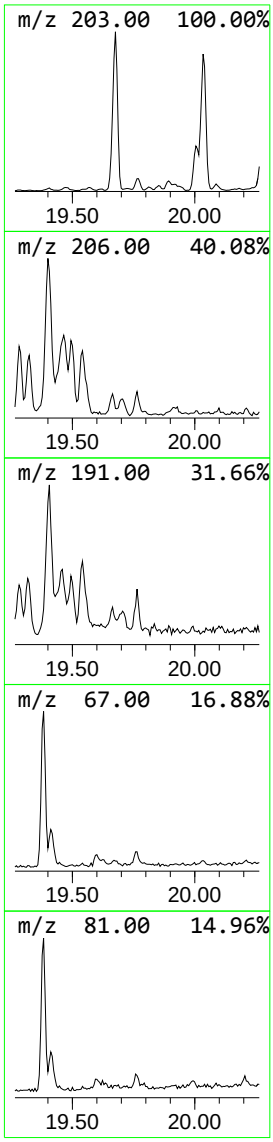
Peak Number 16 9-(Cyanomethylene)fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.764	4.34 ng	126623	Phenanthrene-d10	17.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	49
2	9-Cyanophenanthrene	203	C15H9N	002510-55-6	49
3	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	49
4	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	49
5	3-Amino-4,6-dimethylthieno[2,3-b...	203	C10H9N3S	052505-57-4	46





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

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

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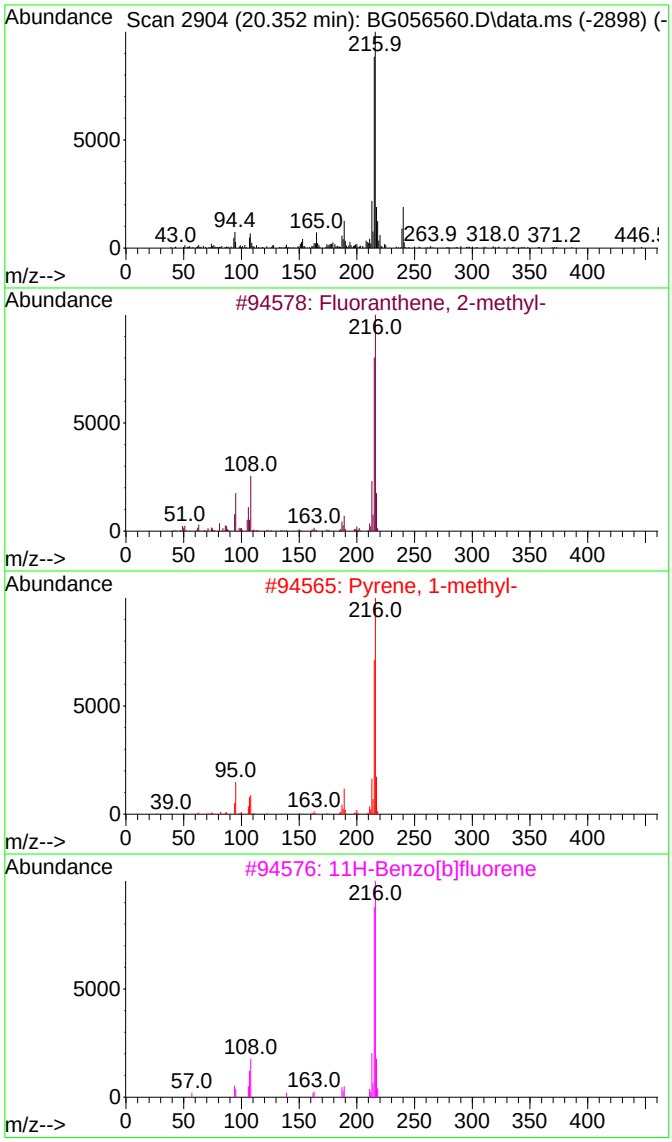
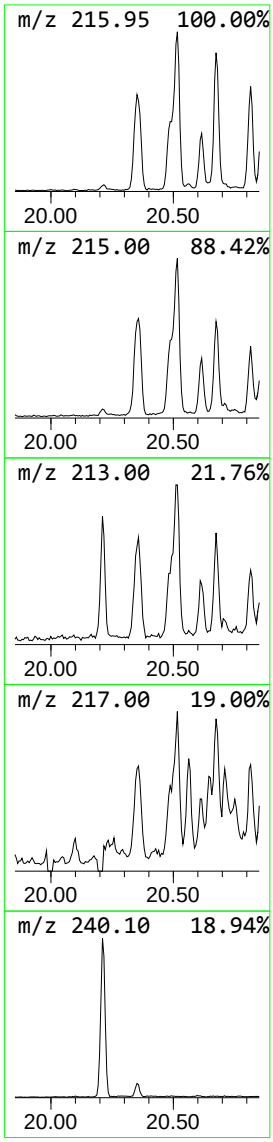
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.352	3.85 ng	396811	Chrysene-d12	21.932

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Data File : BG056560.D
Acq On : 6 Feb 2023 18:27
Operator : CG/JU
Sample : 01432-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

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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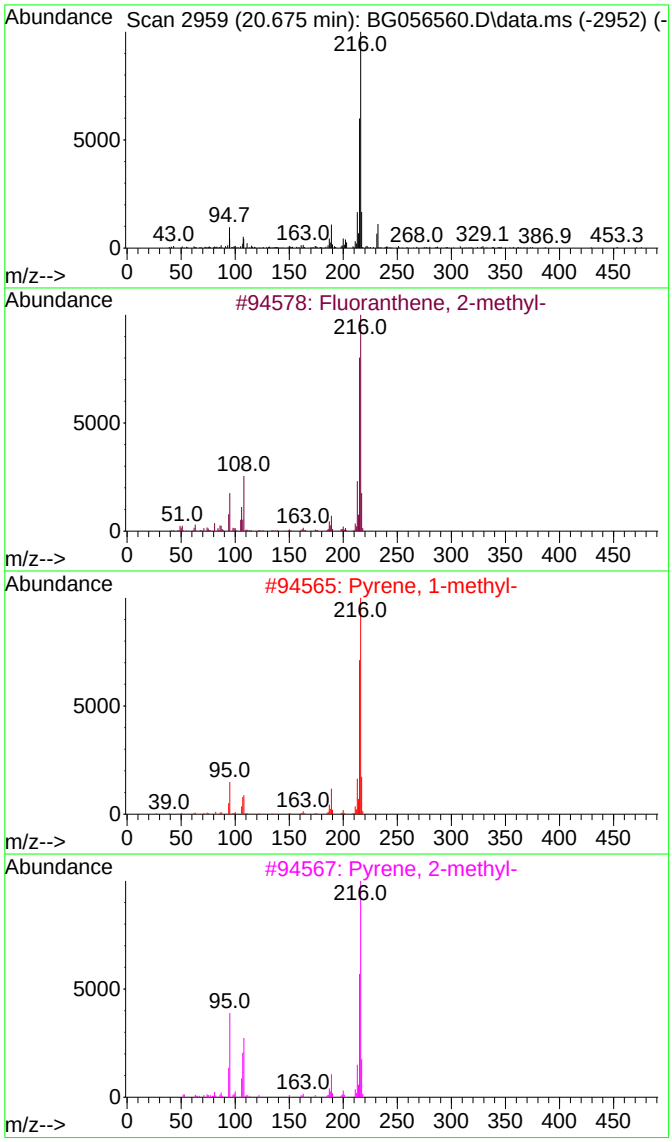
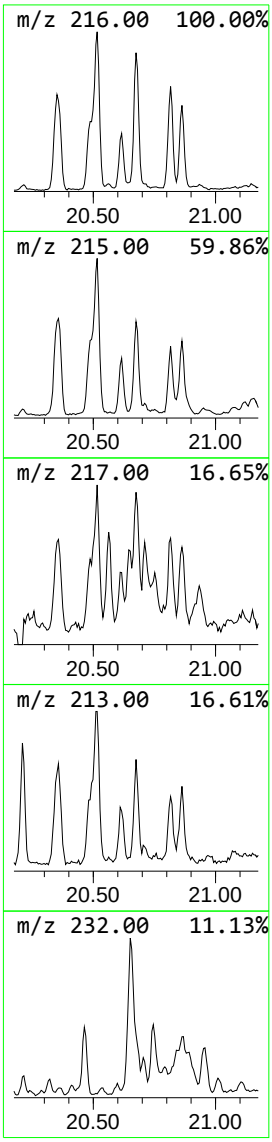
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.675	3.20 ng	330548	Chrysene-d12	21.932

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
Data File : BG056560.D
Acq On : 6 Feb 2023 18:27
Operator : CG/JU
Sample : 01432-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

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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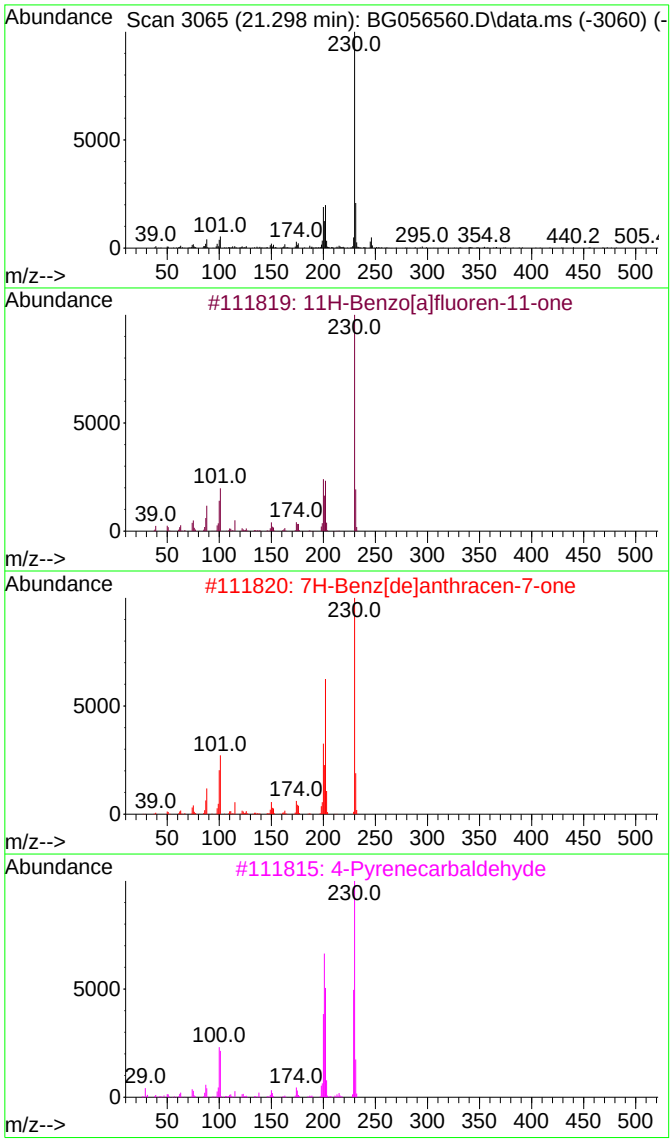
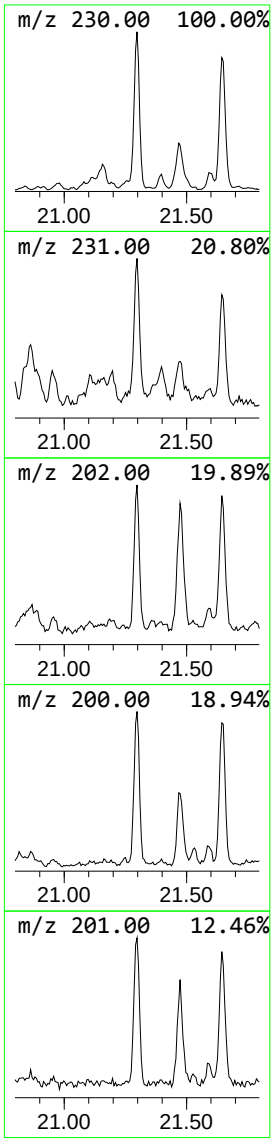
Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.298	3.56 ng	367552	Chrysene-d12	21.932

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
Data File : BG056560.D
Acq On : 6 Feb 2023 18:27
Operator : CG/JU
Sample : 01432-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

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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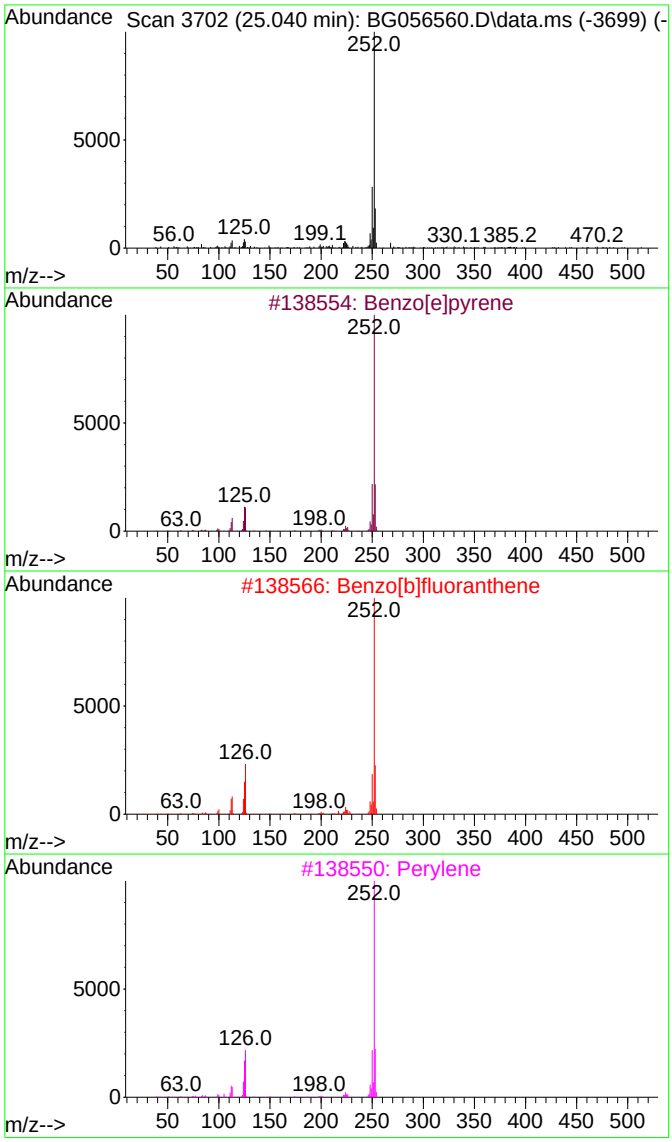
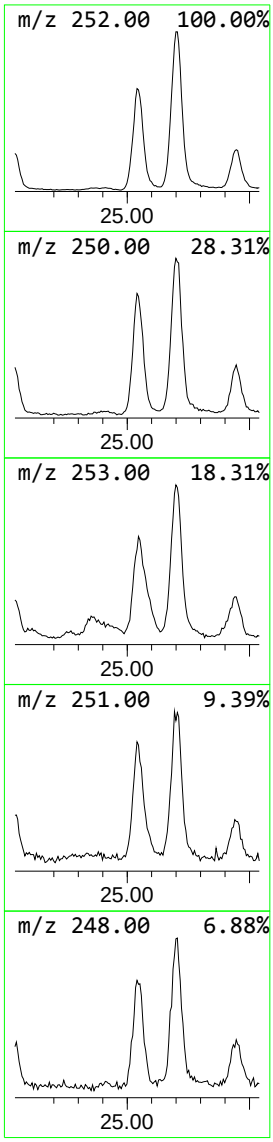
Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.040	12.15 ng	607812	Perylene-d12	25.369

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
Data File : BG056560.D
Acq On : 6 Feb 2023 18:27
Operator : CG/JU
Sample : 01432-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DOMINICK-STREET-UTLIITY-RELOCATION-EXCAVATION

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-...	5.310	20.3	ng	220843	1	8.278	217926	20.0
9H-Fluoren-3-ol	16.227	5.8	ng	136902	3	14.893	474282	20.0
9H-Fluoren-9-one	17.291	4.5	ng	130462	4	17.637	583651	20.0
Dibenzothiophene	17.455	4.2	ng	123035	4	17.637	583651	20.0
Hexadecanoic ac...	18.254	3.5	ng	103609	4	17.637	583651	20.0
Anthracene, 9-m...	18.501	15.4	ng	449445	4	17.637	583651	20.0
Anthracene, 2-m...	18.554	14.8	ng	430419	4	17.637	583651	20.0
Phenanthrene, 2...	18.630	6.5	ng	188648	4	17.637	583651	20.0
Benzaldehyde, 3...	18.701	18.8	ng	548048	4	17.637	583651	20.0
Phenanthrene, 4...	18.736	5.3	ng	153541	4	17.637	583651	20.0
Naphthalene, 2-...	18.988	8.4	ng	244712	4	17.637	583651	20.0
9,10-Anthracene...	19.041	6.1	ng	177194	4	17.637	583651	20.0
11,14-Octadecad...	19.382	16.2	ng	471859	4	17.637	583651	20.0
9-Octadecenoic ...	19.412	11.5	ng	335408	4	17.637	583651	20.0
Cyclopenta(def)...	19.552	8.3	ng	243225	4	17.637	583651	20.0
9-(Cyanomethyle...	19.764	4.3	ng	126623	4	17.637	583651	20.0
Fluoranthene, 2...	20.352	3.9	ng	396811	5	21.932	2063920	20.0
Pyrene, 1-methyl-	20.675	3.2	ng	330548	5	21.932	2063920	20.0
11H-Benzo[a]flu...	21.298	3.6	ng	367552	5	21.932	2063920	20.0
Benzo[e]pyrene	25.040	12.2	ng	607812	6	25.369	1000160	20.0