LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
Data File : BG056000.D
Acq On : 16 Dec 2022 19:10
Operator : CG/JU
Sample : N6038-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-39-(0-2)

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-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056000.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.405	14	20	26	rBV	13402	20573	3.90%	0.310%
2	5.414	357	362	367	rBB	10498	15782	2.99%	0.238%
3	5.890	437	443	449	rBB	77714	122227	23.19%	1.841%
4	7.500	710	717	723	rBB	82080	137280	26.04%	2.067%
5	8.369	859	865	871	rBB	24042	38835	7.37%	0.585%
6	9.544	1058	1065	1071	rBB	49001	86885	16.48%	1.308%
7	11.207	1341	1348	1354	rBV	32874	55290	10.49%	0.833%
8	13.604	1750	1756	1763	rBB	169319	264660	50.20%	3.986%
9	14.979	1984	1990	1996	rBB	64856	97525	18.50%	1.469%
10	16.313	2212	2217	2223	rBB	38727	56635	10.74%	0.853%
11	16.454	2235	2241	2248	rBV	245180	357150	67.75%	5.378%
12	16.642	2268	2273	2278	rBB2	3726	5522	1.05%	0.083%
13	17.717	2450	2456	2459	rBV	101199	150201	28.49%	2.262%
14	17.758	2459	2463	2469	rVB	83496	119703	22.71%	1.803%
15	17.846	2474	2478	2483	rVB	12451	17290	3.28%	0.260%
16	18.105	2514	2522	2527	rBV2	8377	14638	2.78%	0.220%
17	18.446	2575	2580	2586	rBV4	7083	11603	2.20%	0.175%
18	18.569	2596	2601	2607	rBV3	52327	85650	16.25%	1.290%
19	18.628	2607	2611	2617	rVB	17947	27437	5.20%	0.413%
20	18.710	2620	2625	2630	rVB2	5625	7661	1.45%	0.115%
21	18.781	2630	2637	2640	rBV3	15749	31985	6.07%	0.482%
22	18.810	2640	2642	2647	rVB	8169	10394	1.97%	0.157%
23	19.068	2681	2686	2689	rBV	12012	15592	2.96%	0.235%
24	19.110	2689	2693	2700	rVB2	13941	19495	3.70%	0.294%
25	19.362	2731	2736	2739	rBV2	4314	5663	1.07%	0.085%
26	19.398	2739	2742	2748	rVB3	4195	6125	1.16%	0.092%
27	19.480	2749	2756	2761	rBV3	13098	19857	3.77%	0.299%
28	19.544	2761	2767	2770	rBV6	4130	9296	1.76%	0.140%
29	19.568	2770	2771	2776	rVB2	5179	5735	1.09%	0.086%
30	19.621	2776	2780	2786	rBV2	10079	17986	3.41%	0.271%
31	19.703	2791	2794	2796	rVV4	7005	7166	1.36%	0.108%
32	19.744	2796	2801	2808	rVB	227638	343381	65.14%	5.171%
33	19.821	2808	2814	2822	rVB8	13718	29311	5.56%	0.441%
34	19.891	2822	2826	2830	rBV3	4317	6991	1.33%	0.105%
35	19.932	2830	2833	2837	rVB2	5262	6838	1.30%	0.103%
36	19.991	2837	2843	2851	rVB4	6239	13605	2.58%	0.205%

LSC Area Percent Report

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Data File : BG056000.D
Acq On : 16 Dec 2022 19:10
Operator : CG/JU
Sample : N6038-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-39-(0-2)

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-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.067	2851	2856	2859	rBV2	38844	64668	12.27%	0.974%
38	20.108	2859	2863	2869	rVB	190961	270527	51.32%	4.074%
39	20.167	2869	2873	2879	rVB3	12576	22253	4.22%	0.335%
40	20.291	2887	2894	2899	rBV	393297	527172	100.00%	7.939%
41	20.338	2899	2902	2907	rVB	7231	9594	1.82%	0.144%
42	20.420	2909	2916	2923	rBV5	18609	50281	9.54%	0.757%
43	20.590	2932	2945	2949	rVB2	41200	93082	17.66%	1.402%
44	20.690	2952	2962	2965	rBV	31179	47853	9.08%	0.721%
45	20.749	2965	2972	2975	rVB2	20226	36598	6.94%	0.551%
46	20.784	2975	2978	2981	rVB3	8470	8626	1.64%	0.130%
47	20.819	2981	2984	2991	rVB5	5986	11247	2.13%	0.169%
48	20.890	2992	2996	3000	rBV2	15456	21424	4.06%	0.323%
49	20.937	3001	3004	3008	rVV2	10372	13058	2.48%	0.197%
50	20.972	3008	3010	3016	rVB6	7932	10472	1.99%	0.158%
51	21.031	3018	3020	3024	rBV3	8765	11875	2.25%	0.179%
52	21.195	3043	3048	3052	rBV8	7627	11149	2.11%	0.168%
53	21.242	3053	3056	3061	rVB7	5885	8850	1.68%	0.133%
54	21.378	3075	3079	3087	rVB	28981	45356	8.60%	0.683%
55	21.577	3106	3113	3116	rBV3	29262	59644	11.31%	0.898%
56	21.613	3116	3119	3125	rVV3	47750	79141	15.01%	1.192%
57	21.677	3125	3130	3134	rVV2	25239	46017	8.73%	0.693%
58	21.730	3134	3139	3145	rVB3	26992	50395	9.56%	0.759%
59	21.842	3154	3158	3159	rBV3	4724	5439	1.03%	0.082%
60	21.877	3159	3164	3170	rVB4	12067	25344	4.81%	0.382%
61	22.006	3178	3186	3194	rBV3	178642	508059	96.37%	7.651%
62	22.077	3194	3198	3206	rVB	127442	229854	43.60%	3.461%
63	22.235	3222	3225	3232	rVB	14735	23230	4.41%	0.350%
64	22.312	3232	3238	3239	rBV3	8830	14644	2.78%	0.221%
65	22.382	3248	3250	3257	rVB	14363	20600	3.91%	0.310%
66	22.459	3257	3263	3270	rBV3	24126	55234	10.48%	0.832%
67	22.729	3305	3309	3312	rBV3	6183	9573	1.82%	0.144%
68	22.811	3315	3323	3328	rVV	24160	58188	11.04%	0.876%
69	22.882	3329	3335	3344	rVB5	37795	88655	16.82%	1.335%
70	23.105	3368	3373	3378	rBV2	11531	23581	4.47%	0.355%
71	23.258	3392	3399	3405	rBV4	12410	27882	5.29%	0.420%
72	23.528	3439	3445	3449	rBV6	8287	17543	3.33%	0.264%
73	23.757	3477	3484	3485	rBV7	6069	11737	2.23%	0.177%
74	23.839	3491	3498	3505	rVB2	44748	96248	18.26%	1.449%
75	24.004	3522	3526	3533	rVB4	16993	34632	6.57%	0.522%
76	24.168	3552	3554	3561	rVB8	5335	7473	1.42%	0.113%

LSC Area Percent Report

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Operator : CG/JU
Sample : N6038-20
Misc :
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Instrument :
BNA_G
ClientSampleId :
RB-39-(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	24.409	3585	3595	3604	rBV	107253	403924	76.62%	6.083%
78	24.685	3635	3642	3650	rBV2	20658	53013	10.06%	0.798%
79	24.909	3675	3680	3683	rBV6	7724	15707	2.98%	0.237%
80	25.202	3721	3730	3744	rVB	63328	196228	37.22%	2.955%
81	25.361	3747	3757	3770	rVB2	79916	248440	47.13%	3.741%
82	25.526	3775	3785	3793	rBV2	64909	213949	40.58%	3.222%
83	26.131	3882	3888	3898	rVB9	18079	55745	10.57%	0.839%
84	26.818	3994	4005	4014	rBV4	25997	81693	15.50%	1.230%
85	26.947	4020	4027	4037	rBV4	8556	24493	4.65%	0.369%
86	29.556	4459	4471	4482	rBV3	33566	159488	30.25%	2.402%
87	30.085	4552	4561	4562	rBV9	8421	17941	3.40%	0.270%
88	30.819	4672	4686	4701	rBV3	28235	132539	25.14%	1.996%
89	31.401	4776	4785	4787	rBV10	12829	29865	5.67%	0.450%
90	32.012	4885	4889	4891	rBV5	5428	8350	1.58%	0.126%

Sum of corrected areas: 6640540

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
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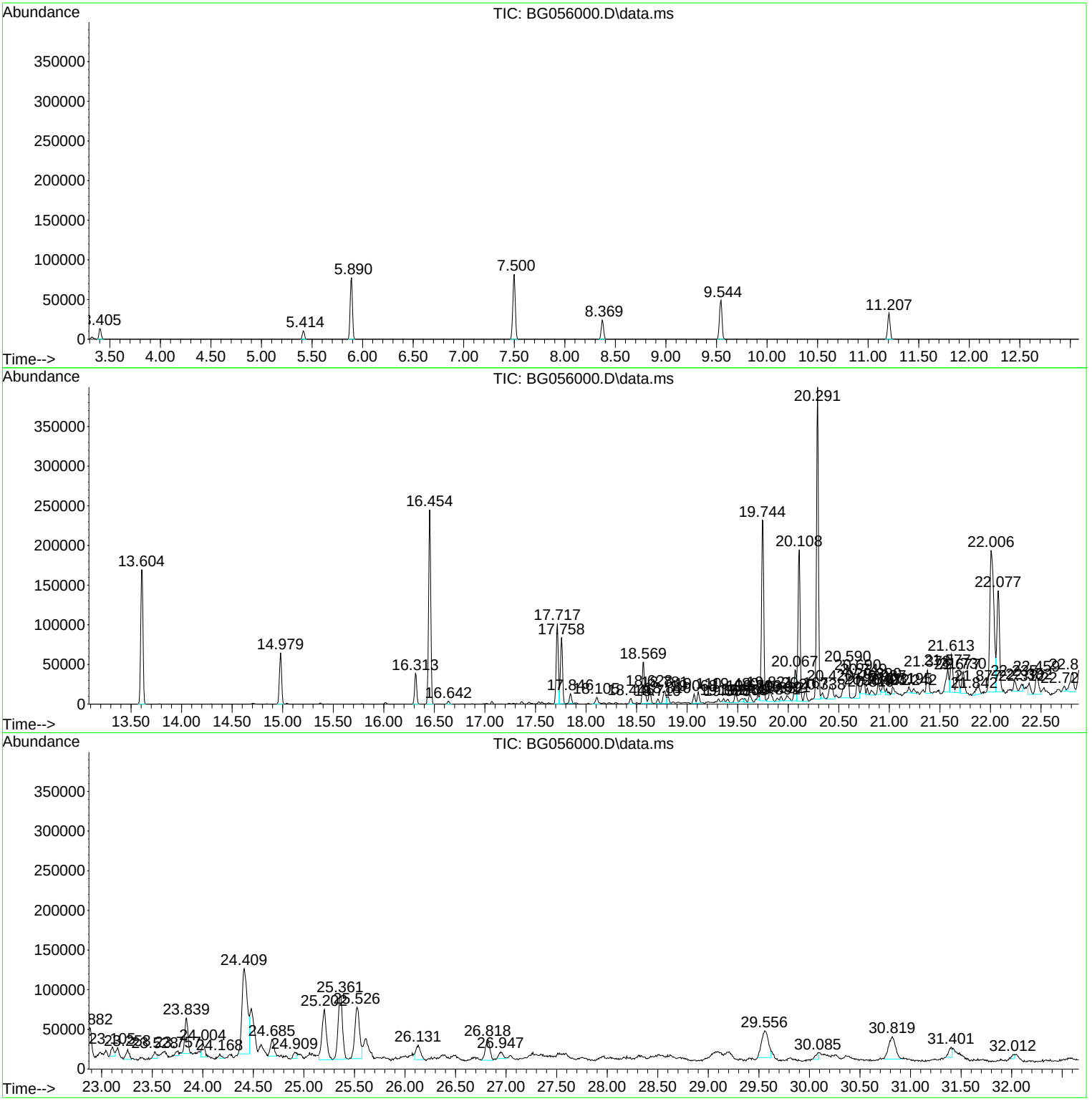
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-39-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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\BG121622\
Data File : BG056000.D
Acq On : 16 Dec 2022 19:10
Operator : CG/JU
Sample : N6038-20
Misc :
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Instrument :
BNA_G
ClientSampleId :
RB-39-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

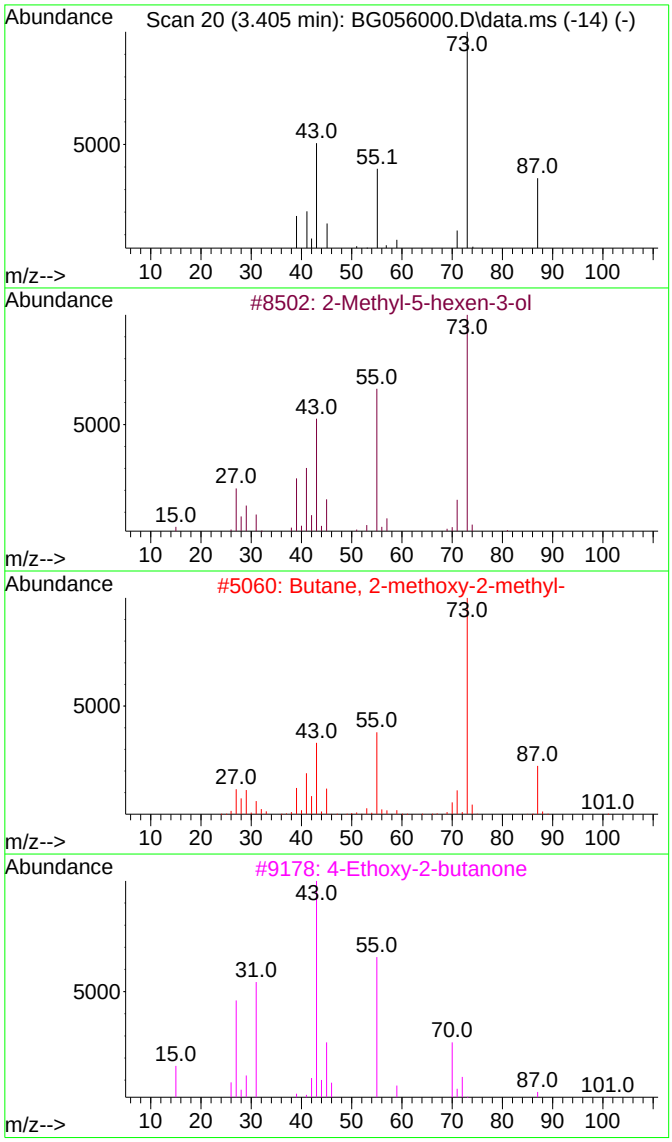
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

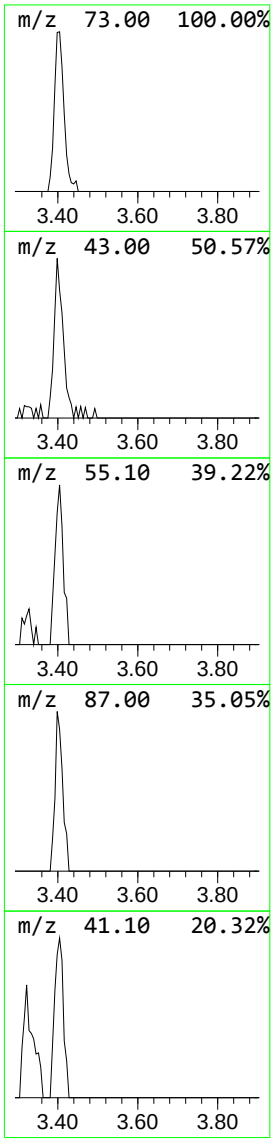
****

Peak Number 1 unknown3.405 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.405	10.60 ng	20573	1,4-Dichlorobenzene-d4	8.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	42
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	40
3	4-Ethoxy-2-butanone	116	C6H12O2	060044-74-8	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
5	1-Hepten-4-ol	114	C7H14O	003521-91-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
Data File : BG056000.D
Acq On : 16 Dec 2022 19:10
Operator : CG/JU
Sample : N6038-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-39-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

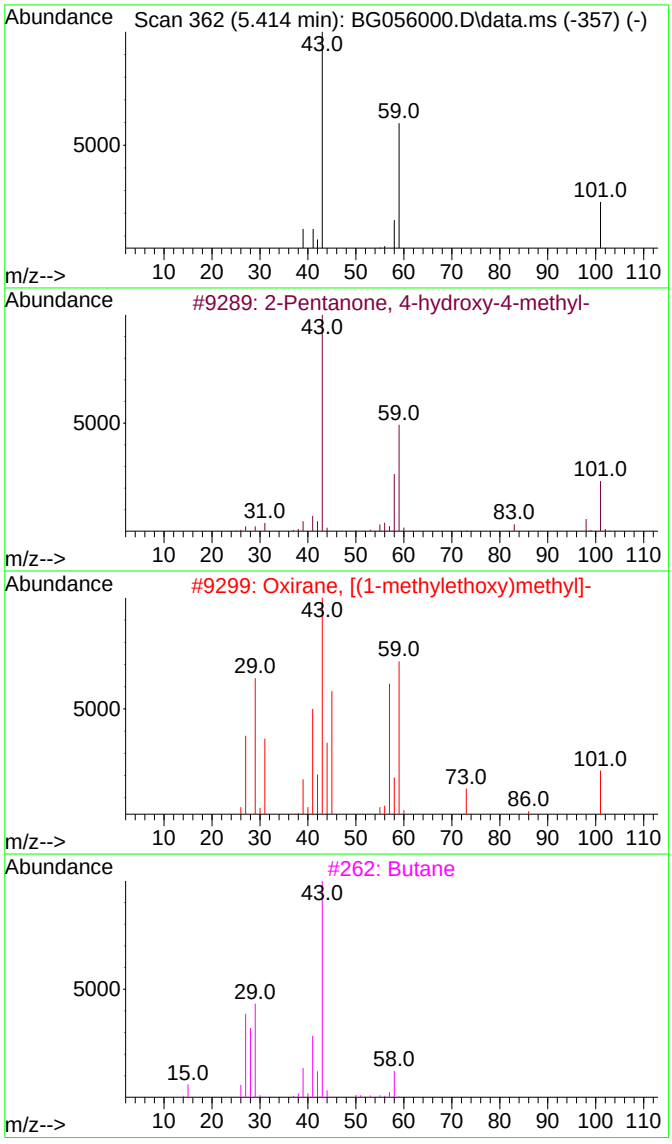
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

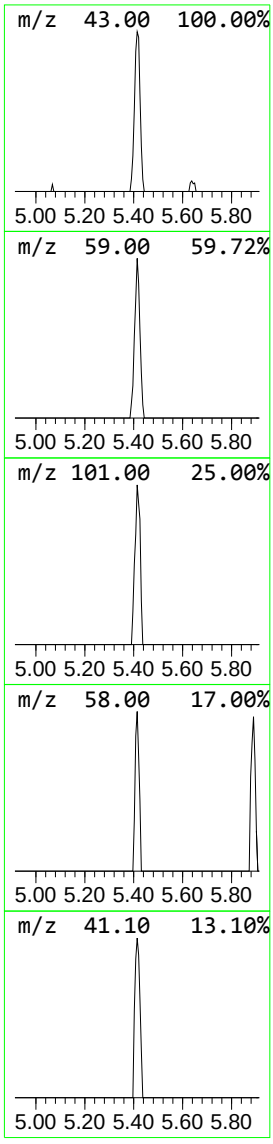
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.414	8.13 ng	15782	1,4-Dichlorobenzene-d4	8.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	64
3	Butane	58	C4H10	000106-97-8	7
4	N-(n-Propyl)acetamide	101	C5H11NO	005331-48-6	7
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	5





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
Data File : BG056000.D
Acq On : 16 Dec 2022 19:10
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BNA_G
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RB-39-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

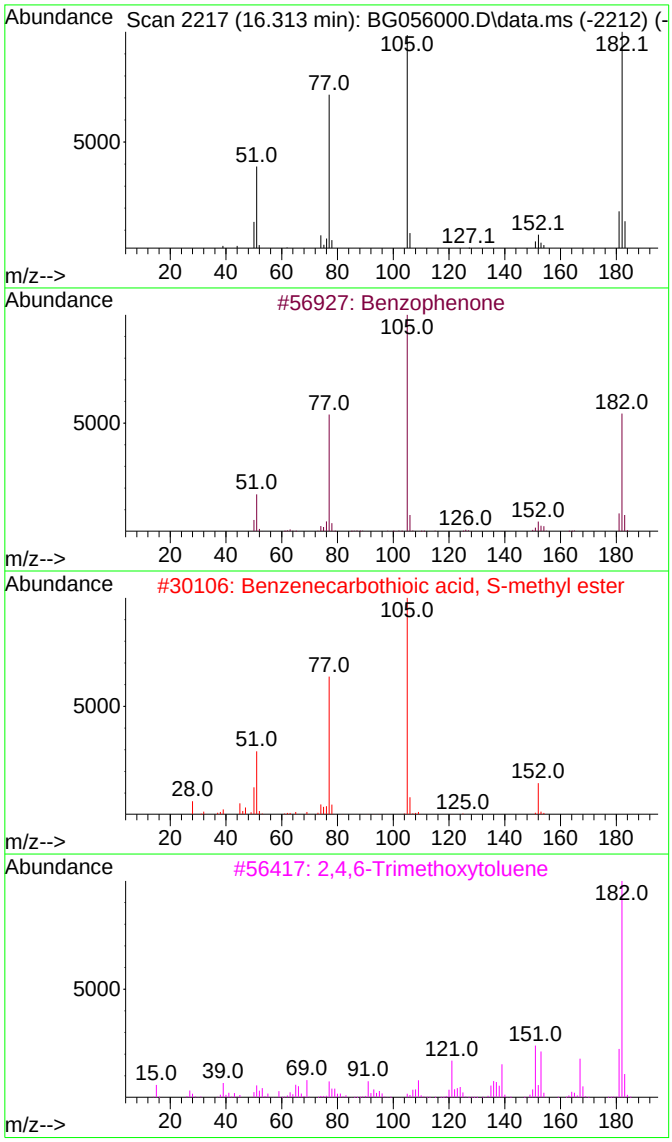
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

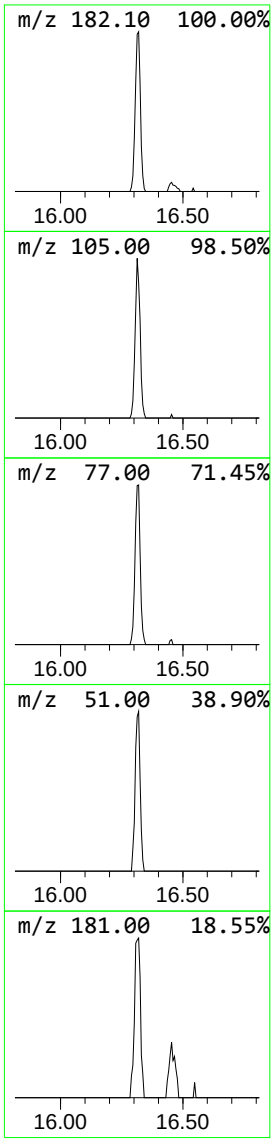
****

Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.313	11.61 ng	56635	Acenaphthene-d10	14.979

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	45
3	2,4,6-Trimethoxytoluene	182	C10H14O3	014107-97-2	43
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	43
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
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Acq On : 16 Dec 2022 19:10
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Sample : N6038-20
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
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RB-39-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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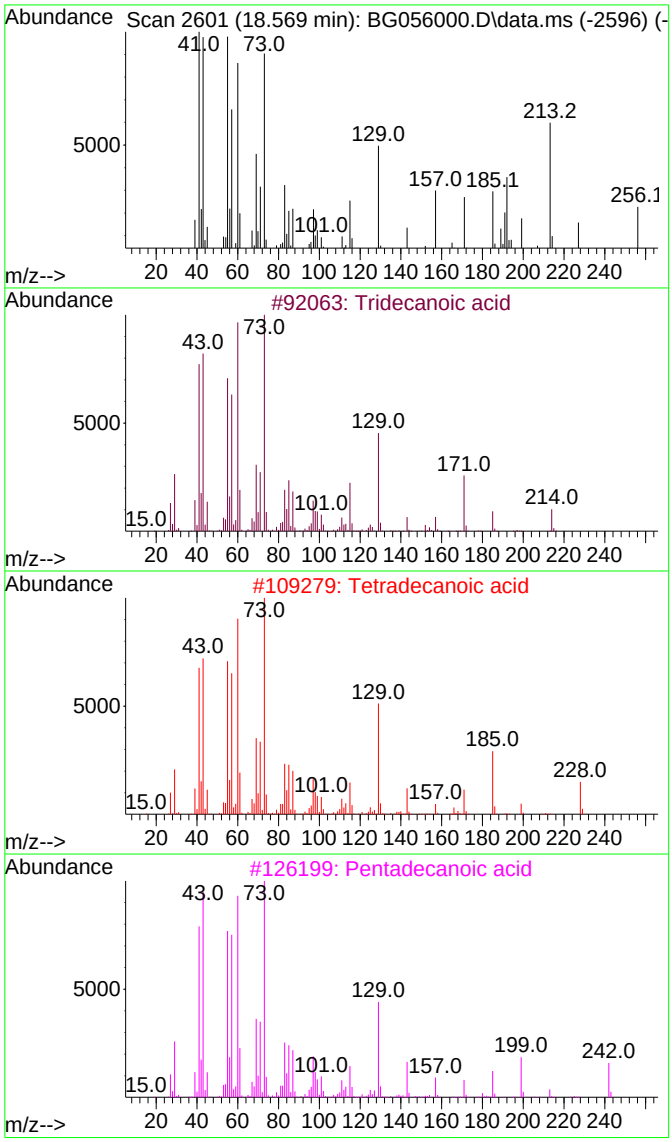
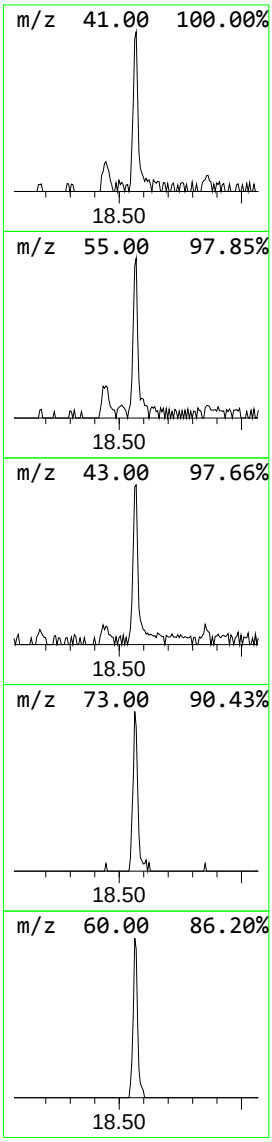
Peak Number 4 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.569	11.40 ng	85650	Phenanthrene-d10	17.717

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43
5	Dodecanoic acid	200	C12H24O2	000143-07-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
Data File : BG056000.D
Acq On : 16 Dec 2022 19:10
Operator : CG/JU
Sample : N6038-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-39-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

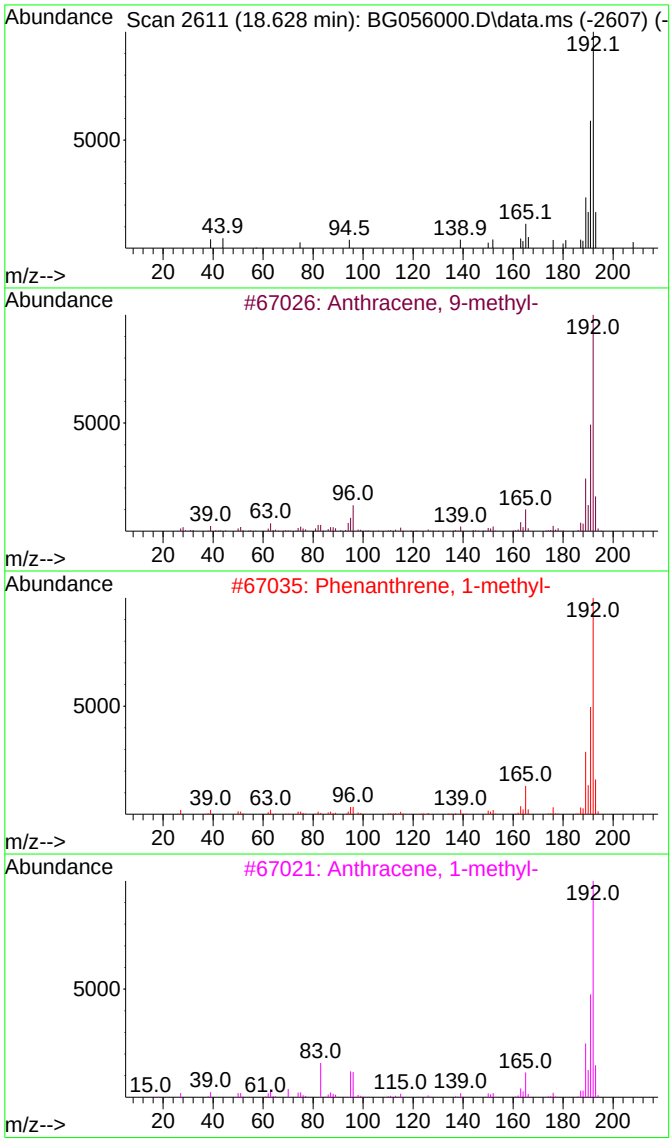
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

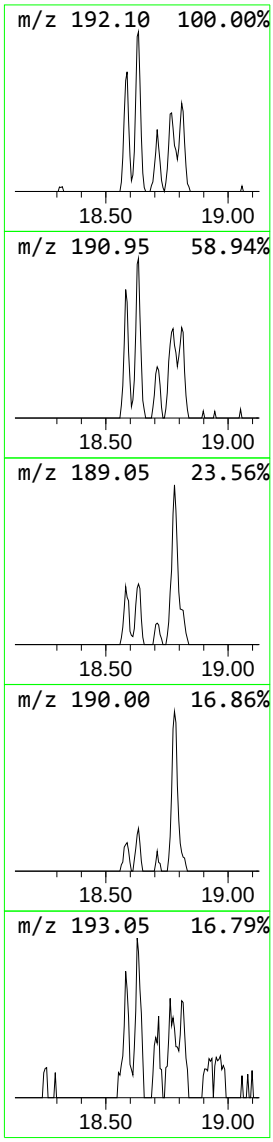
****

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.628	3.65 ng	27437	Phenanthrene-d10	17.717

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
Data File : BG056000.D
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Operator : CG/JU
Sample : N6038-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-39-(0-2)

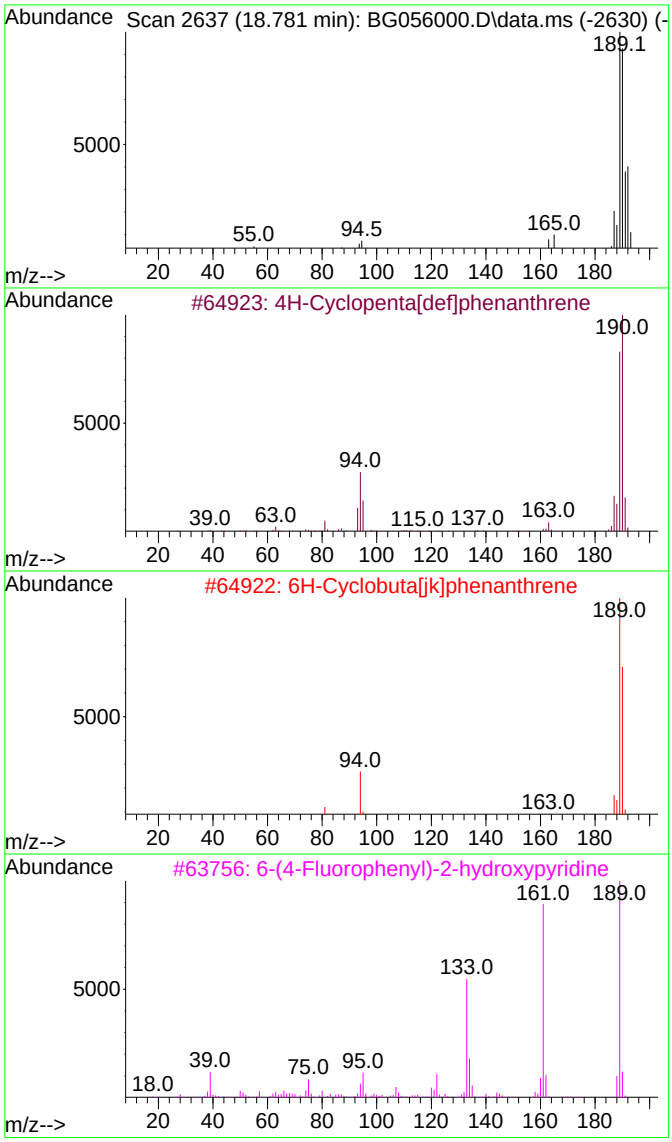
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

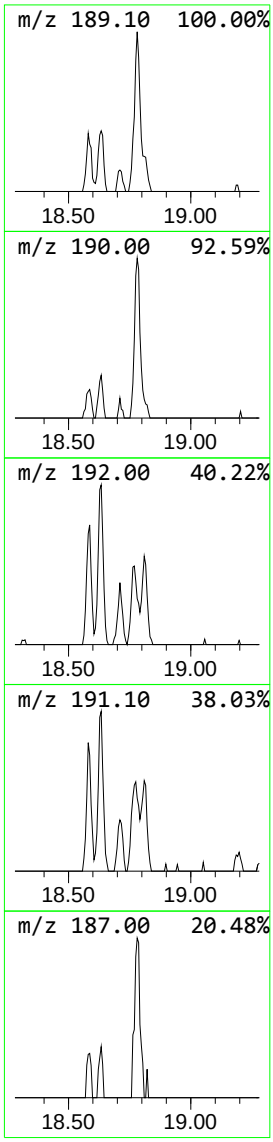
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.781	4.26 ng	31985	Phenanthrene-d10	17.717

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	6-(4-Fluorophenyl)-2-hydroxypyri...	189	C11H8FNO	1010509-20-5	9
4	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	9
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	9





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ClientSampleId :
RB-39-(0-2)

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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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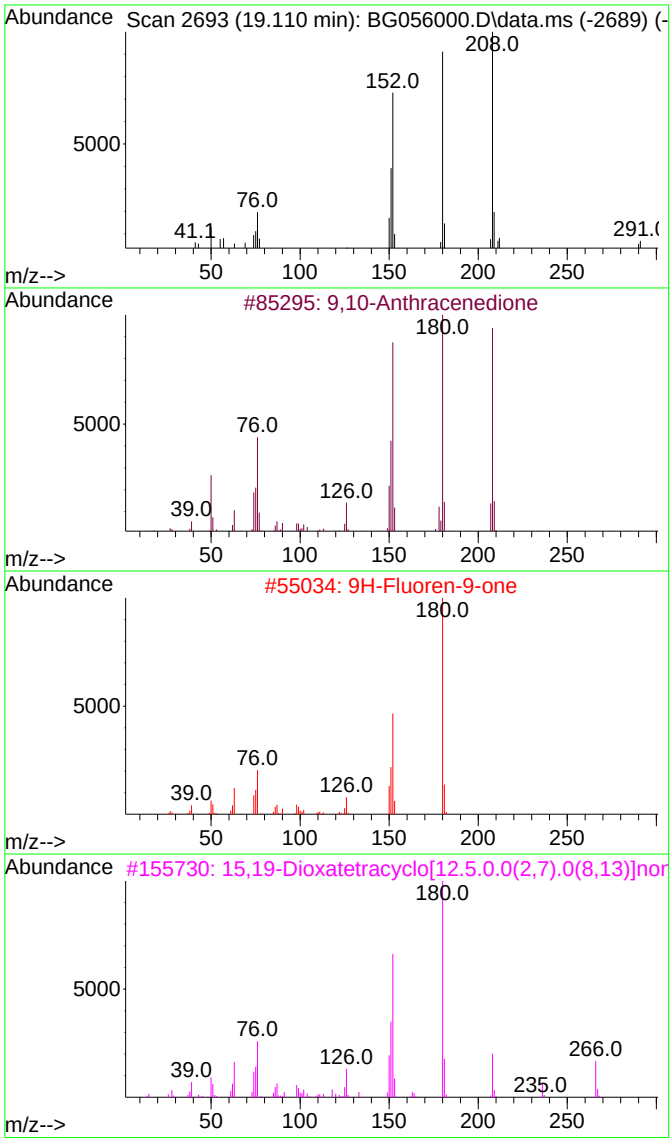
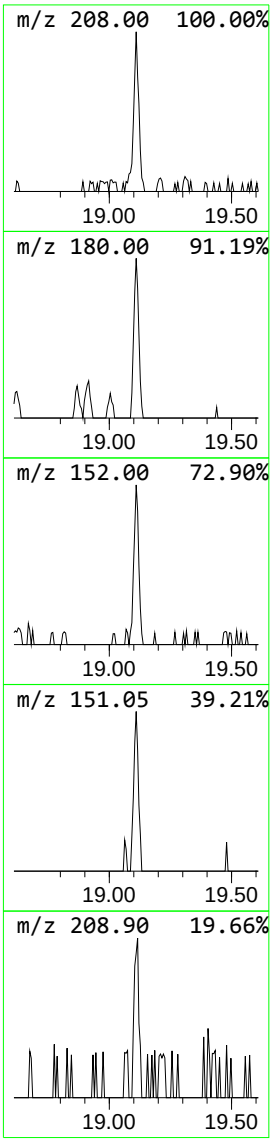
Peak Number 7 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	2.60 ng	19495	Phenanthrene-d10	17.717

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53
3	15,19-Dioxatetracyclo[12.5.0.0(2...	266	C17H14O3	1000436-55-0	50
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	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

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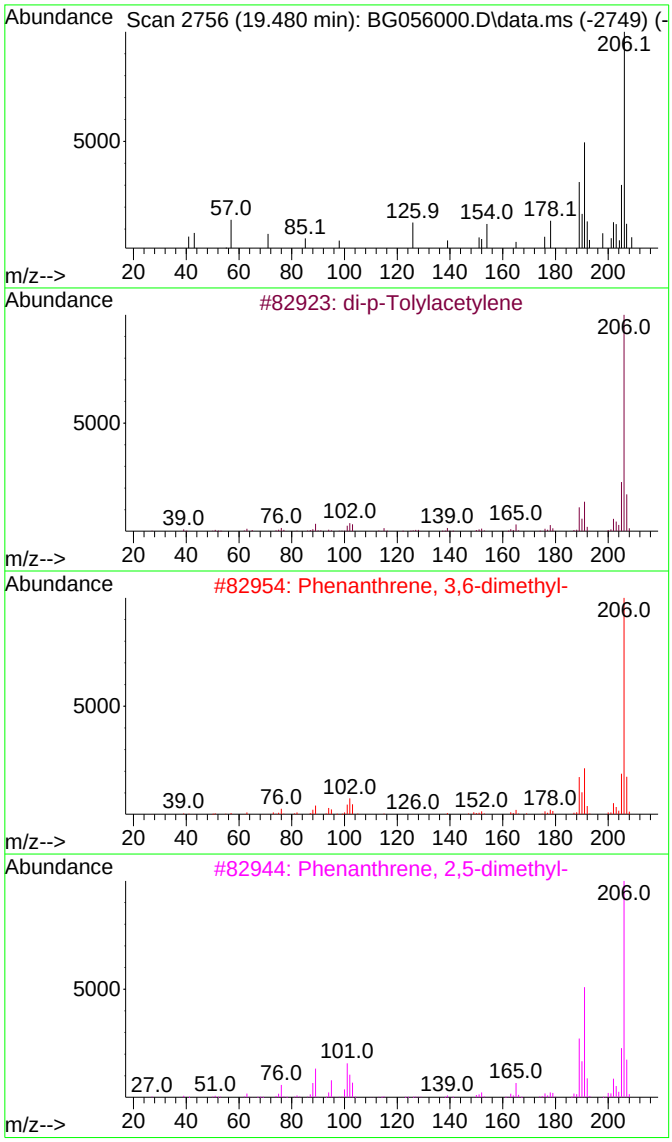
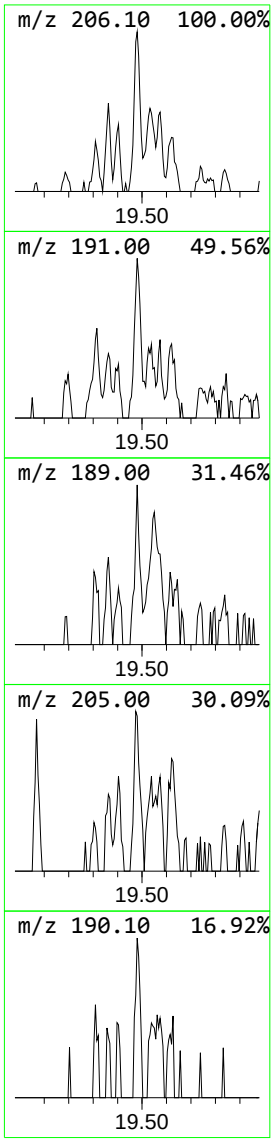
Peak Number 8 di-p-Tolylacetylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.480	2.64 ng	19857	Phenanthrene-d10	17.717

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	80
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	80
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	74
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	74





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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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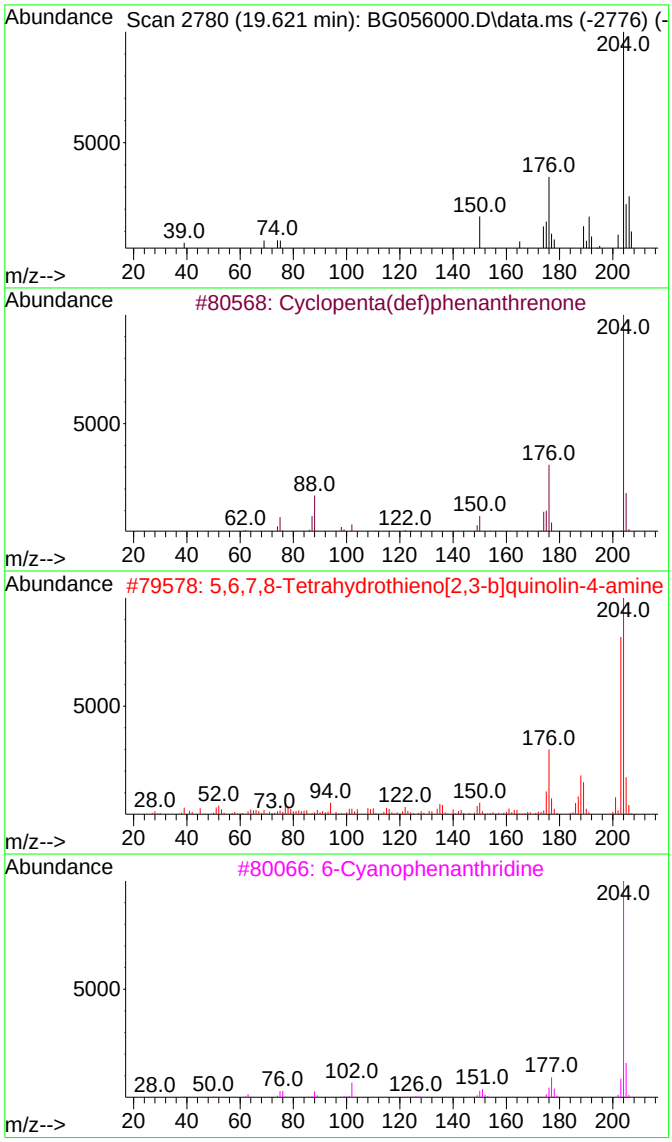
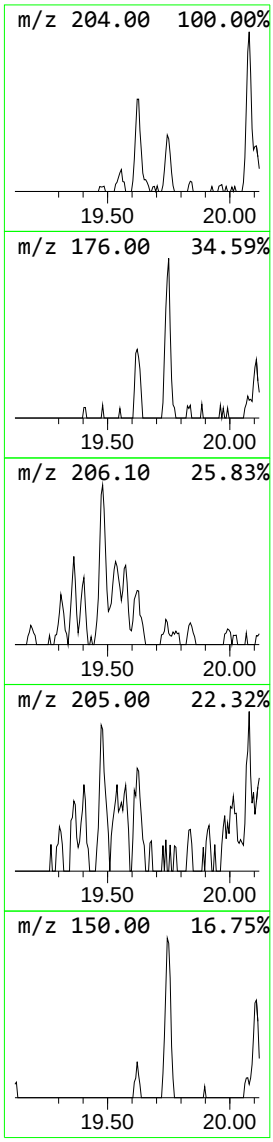
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.621	2.39 ng	17986	Phenanthrene-d10	17.717

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	58
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	43
4	3-(4-Fluorophenyl)-1-methylpyraz...	204	C11H9FN2O	689250-53-1	40
5	Triethylenemelamine	204	C9H12N6	000051-18-3	38





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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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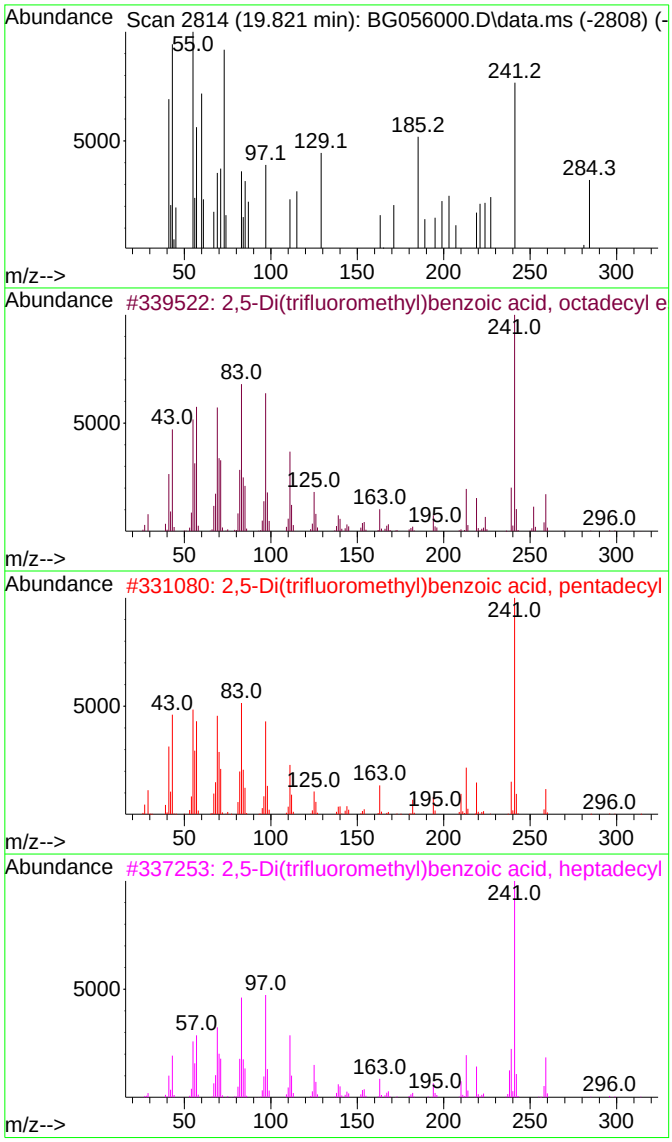
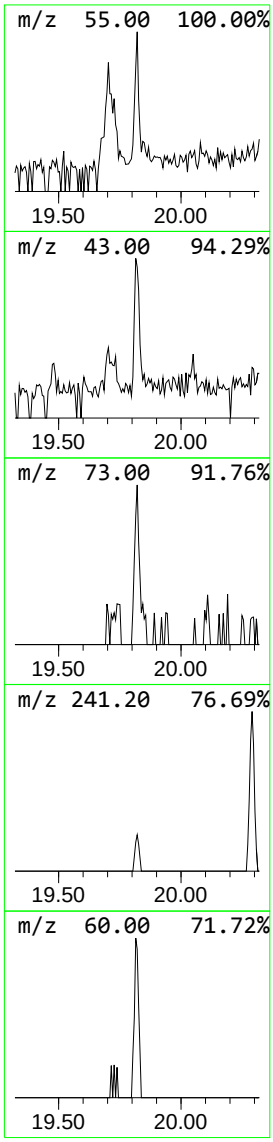
Peak Number 10 unknown19.821 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.821	3.90 ng	29311	Phenanthrene-d10	17.717

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Di(trifluoromethyl)benzoic a...	510	C27H40F6O2	1000338-95-1	22
2	2,5-Di(trifluoromethyl)benzoic a...	468	C24H34F6O2	1000338-94-8	22
3	2,5-Di(trifluoromethyl)benzoic a...	496	C26H38F6O2	1000338-95-0	22
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	18
5	2,5-Di(trifluoromethyl)benzoic a...	426	C21H28F6O2	1000338-94-5	14





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

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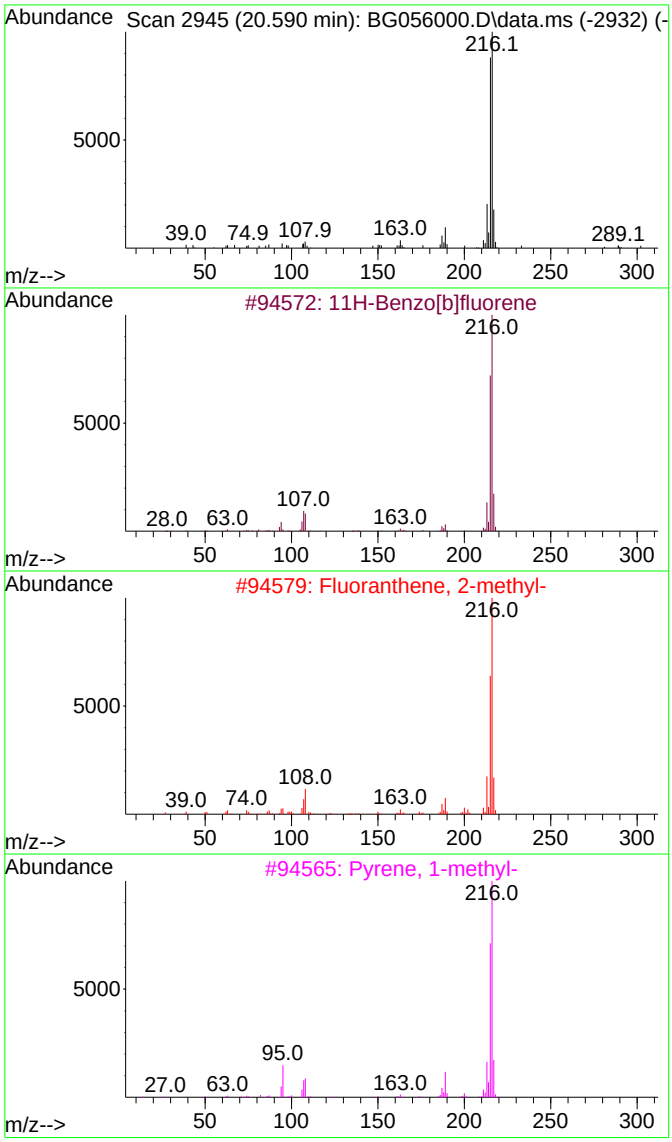
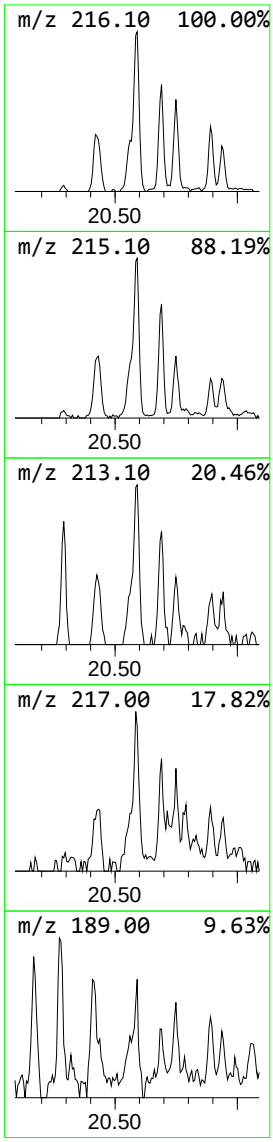
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.590	3.66 ng	93082	Chrysene-d12	22.024

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





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

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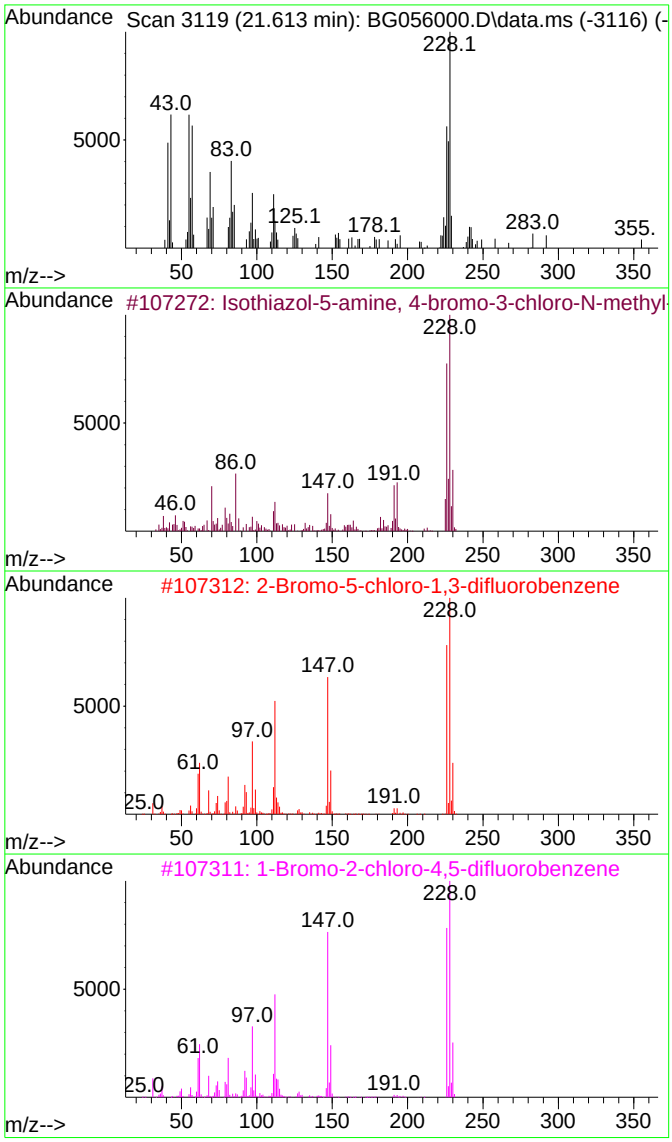
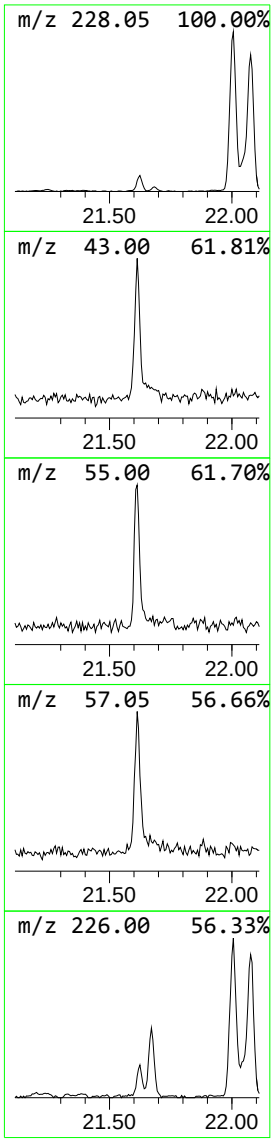
Peak Number 12 unknown21.613 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.613	3.12 ng	79141	Chrysene-d12	22.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	46
2	2-Bromo-5-chloro-1,3-difluoroben...	226	C6H2BrClF2	883546-16-5	43
3	1-Bromo-2-chloro-4,5-difluoroben...	226	C6H2BrClF2	1000512-66-6	38
4	5-Bromo-1-chloro-2,4-difluoroben...	226	C6H2BrClF2	914636-89-8	38
5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	30





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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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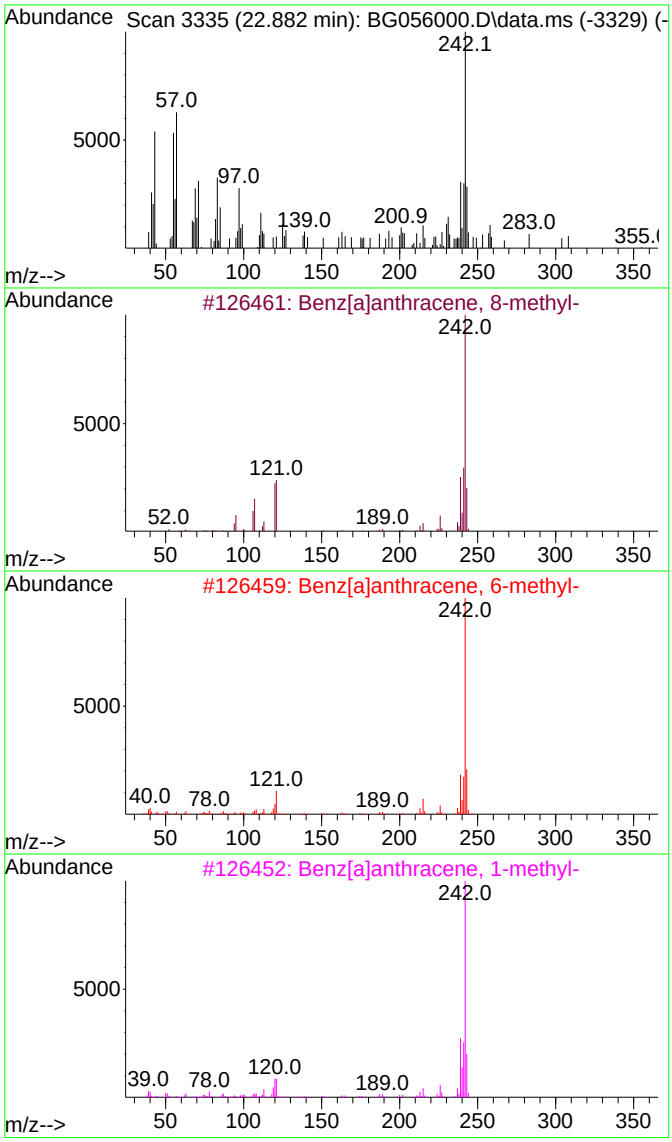
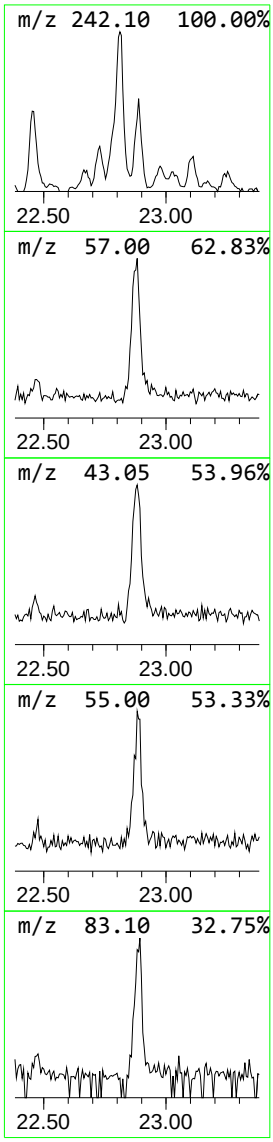
Peak Number 13 Benz[a]anthracene, 8-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.882	3.49 ng	88655	Chrysene-d12	22.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	50
2	Benz[a]anthracene, 6-methyl-	242	C19H14	000316-14-3	49
3	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	49
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	49
5	Benzo[c]phenanthrene, 4-methyl-	242	C19H14	004076-40-8	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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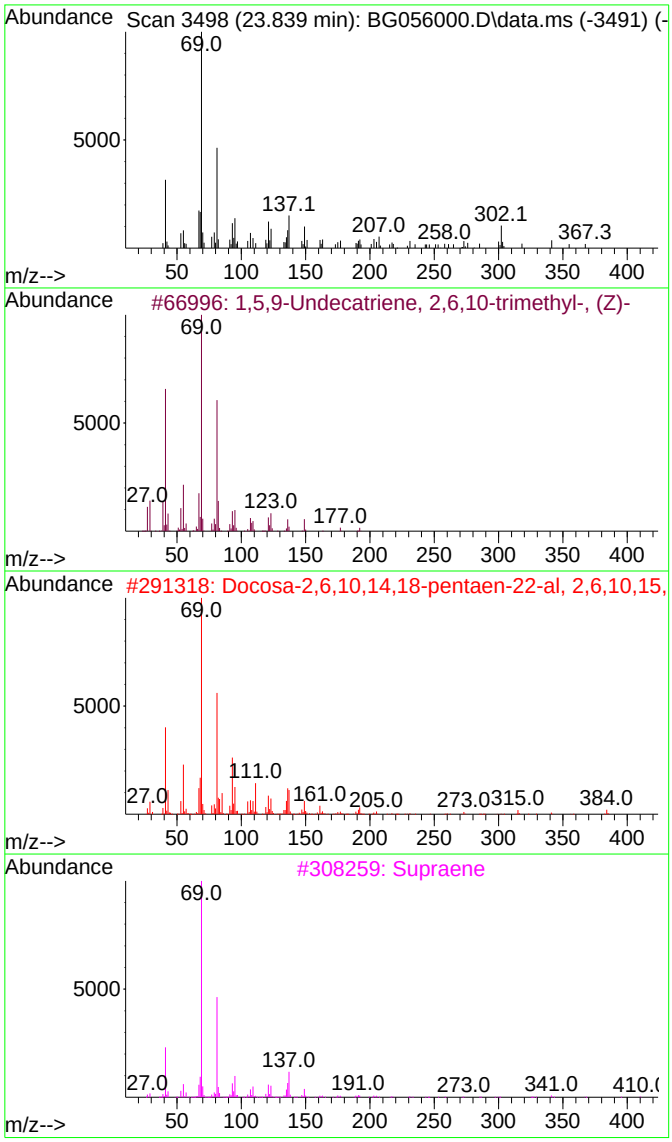
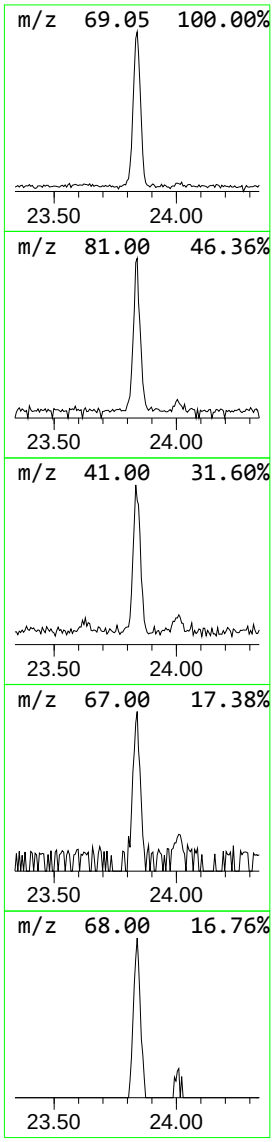
Peak Number 14 1,5,9-Undecatriene, 2,6,10-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.839	9.00 ng	96248	Perylene-d12	25.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	81
2	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	74
3	Supraene	410	C30H50	007683-64-9	64
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	64
5	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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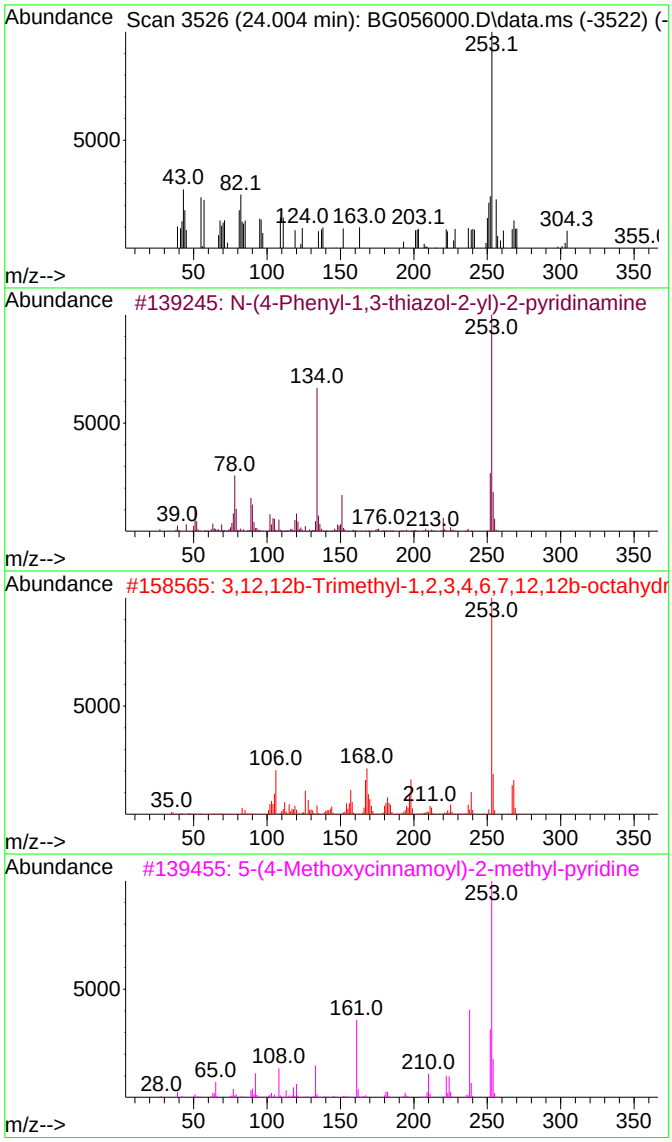
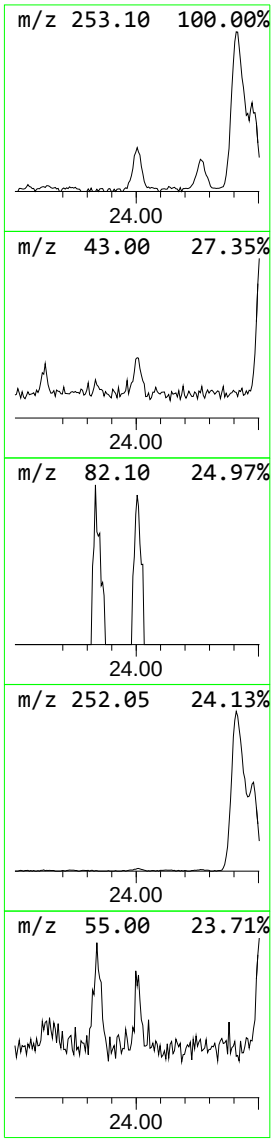
Peak Number 15 unknown24.004 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.004	3.24 ng	34632	Perylene-d12	25.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(4-Phenyl-1,3-thiazol-2-yl)-2-...	253	C14H11N3S	1000485-04-5	38
2	3,12,12b-Trimethyl-1,2,3,4,6,7,1...	268	C18H24N2	082605-35-4	32
3	5-(4-Methoxycinnamoyl)-2-methyl-...	253	C16H15NO2	094298-96-1	32
4	9,10-Anthracenedione, 1,8-dimeth...	268	C16H12O4	006407-55-2	25
5	Benzenamine, N,N'-1,2-ethanediyl...	268	C16H16N2O2	024764-91-8	25





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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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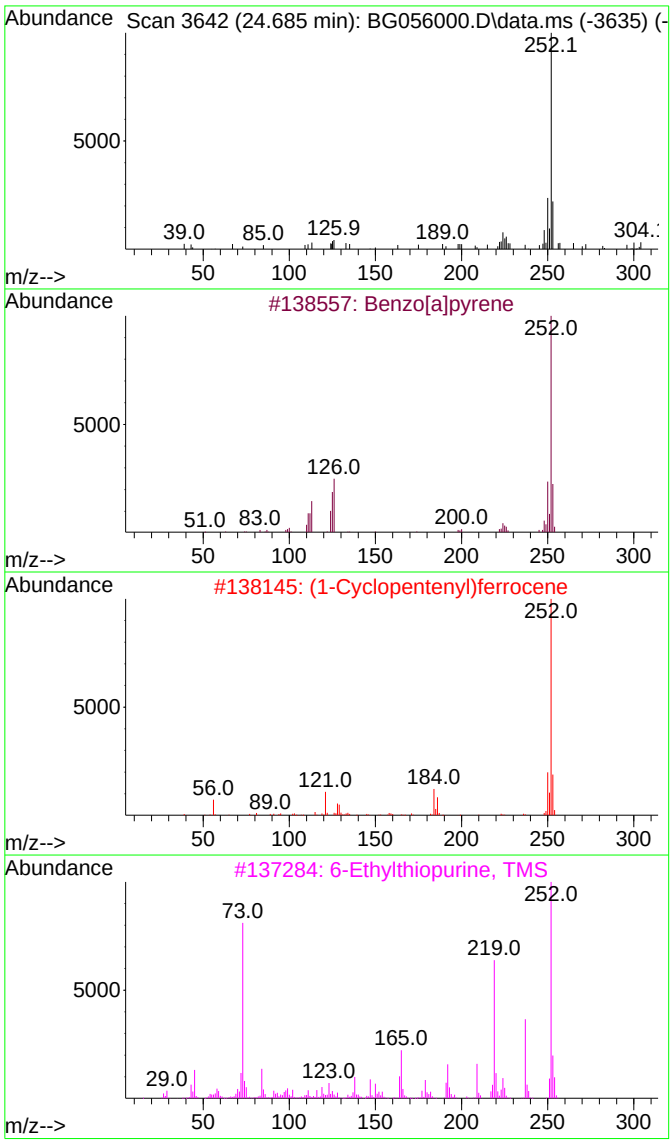
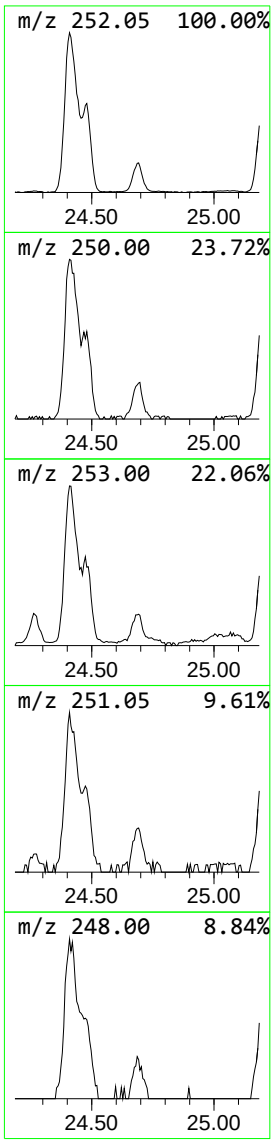
Peak Number 16 (1-Cyclopentenyl)ferrocene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.685	4.96 ng	53013	Perylene-d12	25.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	76
2	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	72
3	6-Ethylthiopurine, TMS	252	C10H16N4SSi	1000497-86-9	64
4	7-Methoxyflavone	252	C16H12O3	022395-22-8	59
5	4H-1-Benzopyran-4-one, 8-methoxy...	252	C16H12O3	026964-26-1	59





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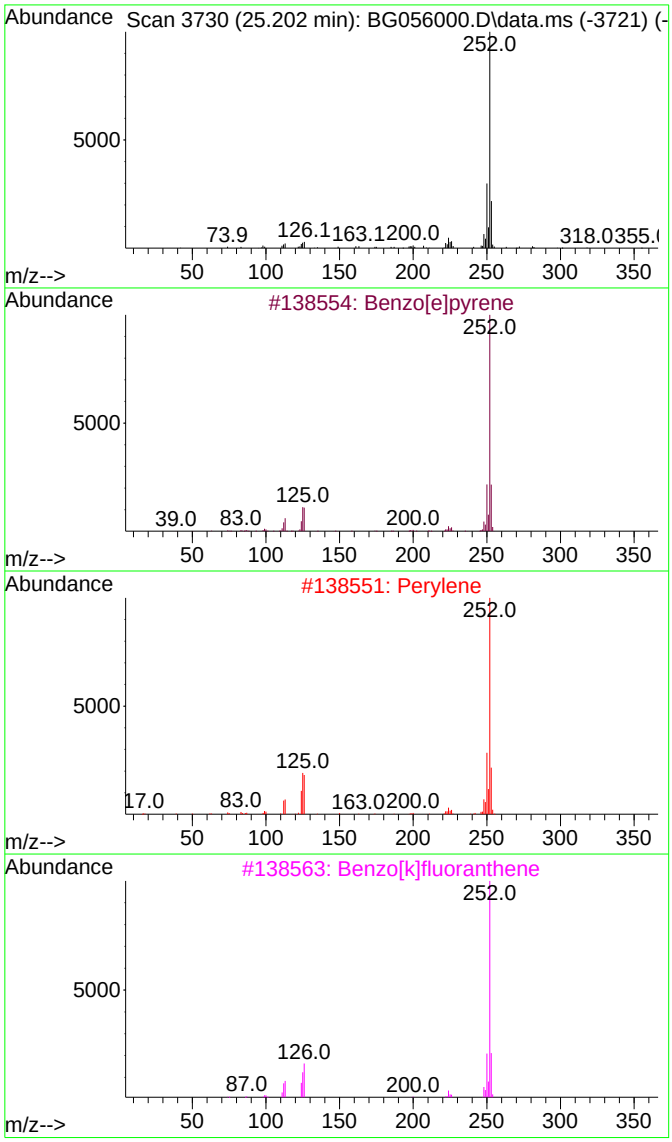
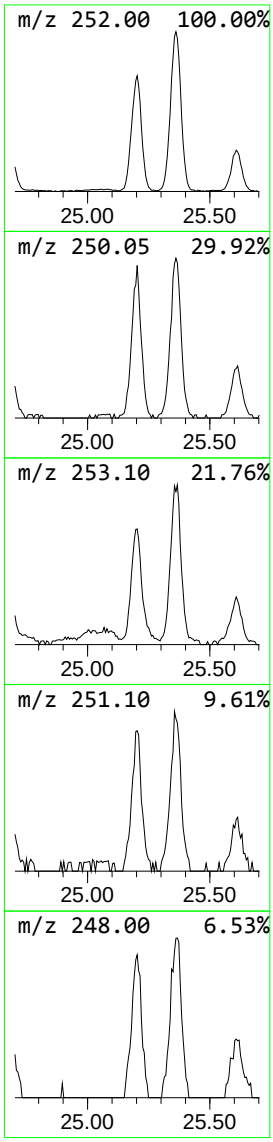
Peak Number 17 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.203	18.34 ng	196228	Perylene-d12	25.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	87
2	Perylene	252	C20H12	000198-55-0	81
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76
5	Benzo[a]pyrene	252	C20H12	000050-32-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
Data File : BG056000.D
Acq On : 16 Dec 2022 19:10
Operator : CG/JU
Sample : N6038-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-39-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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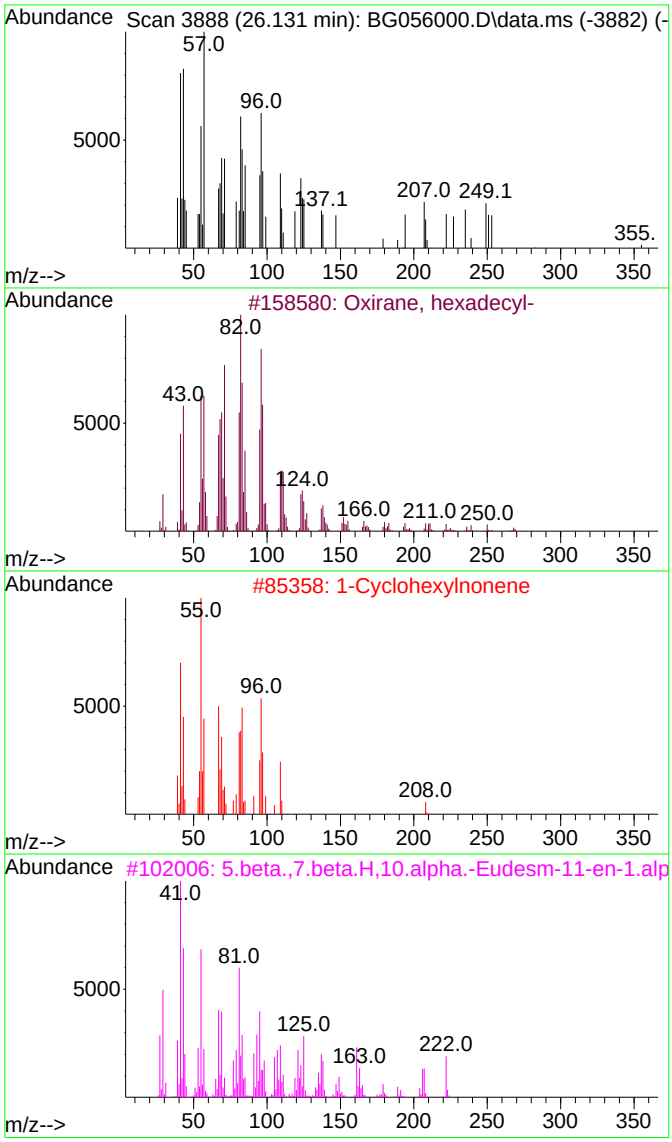
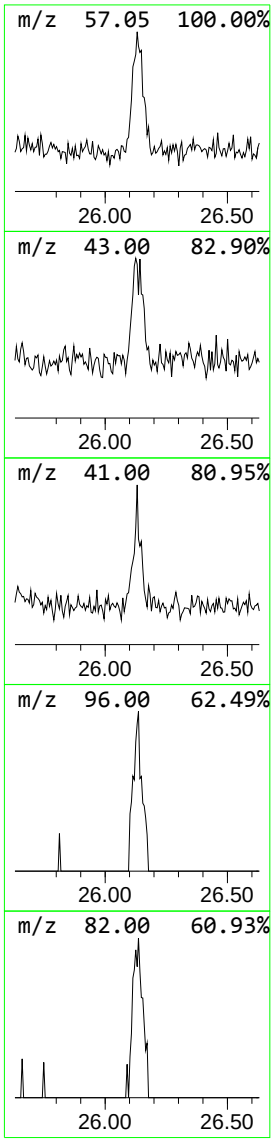
Peak Number 18 unknown26.131 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.131	5.21 ng	55745	Perylene-d12	25.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	25
2	1-Cyclohexylnonene	208	C15H28	114614-84-5	25
3	5.beta.,7.beta.H,10.alpha.-Eudes...	222	C15H26O	025826-85-1	15
4	3-Methoxy-2(1H)-pyridone	125	C6H7NO2	020928-63-6	14
5	1,19-Eicosadiene	278	C20H38	014811-95-1	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
Data File : BG056000.D
Acq On : 16 Dec 2022 19:10
Operator : CG/JU
Sample : N6038-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-39-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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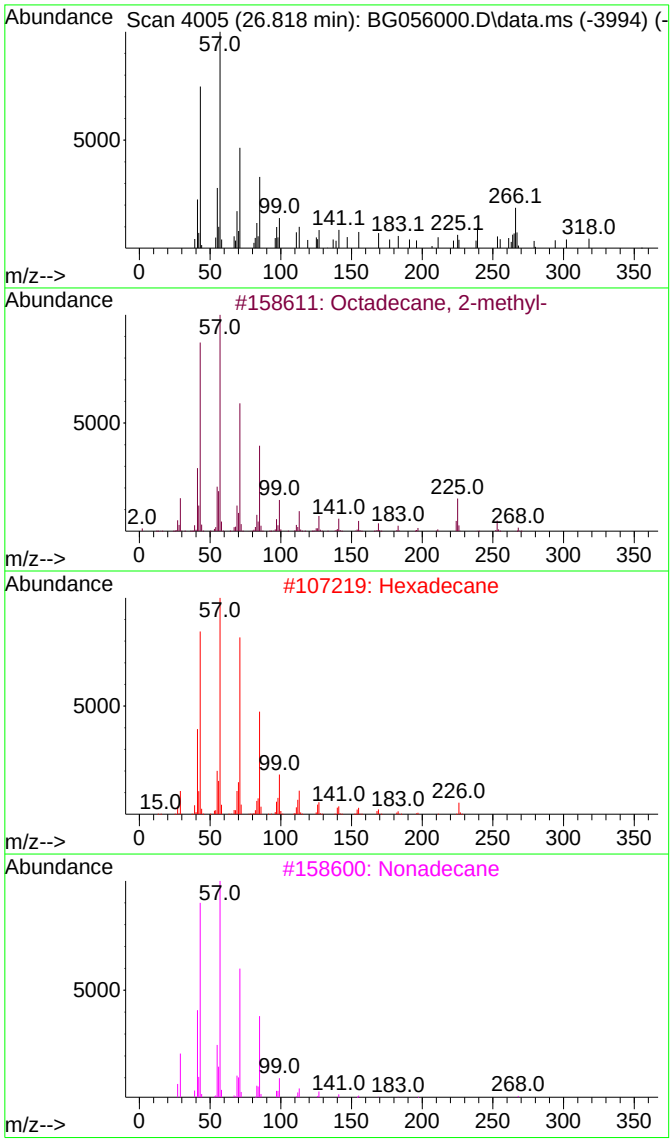
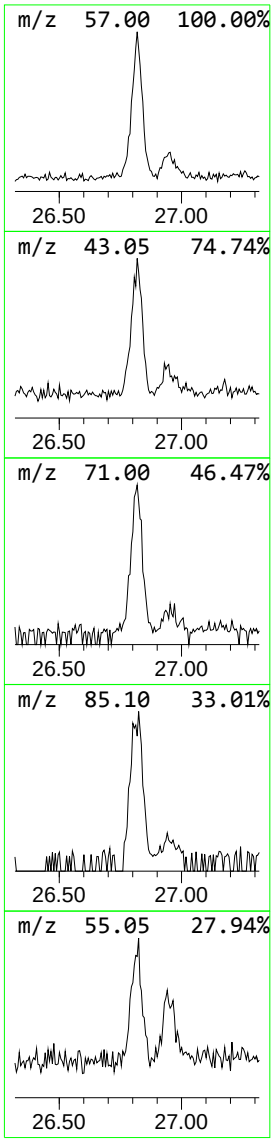
Peak Number 19 Octadecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.818	7.64 ng	81693	Perylene-d12	25.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	70
2	Hexadecane	226	C16H34	000544-76-3	55
3	Nonadecane	268	C19H40	000629-92-5	55
4	Hentriacontane	437	C31H64	000630-04-6	55
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
Data File : BG056000.D
Acq On : 16 Dec 2022 19:10
Operator : CG/JU
Sample : N6038-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-39-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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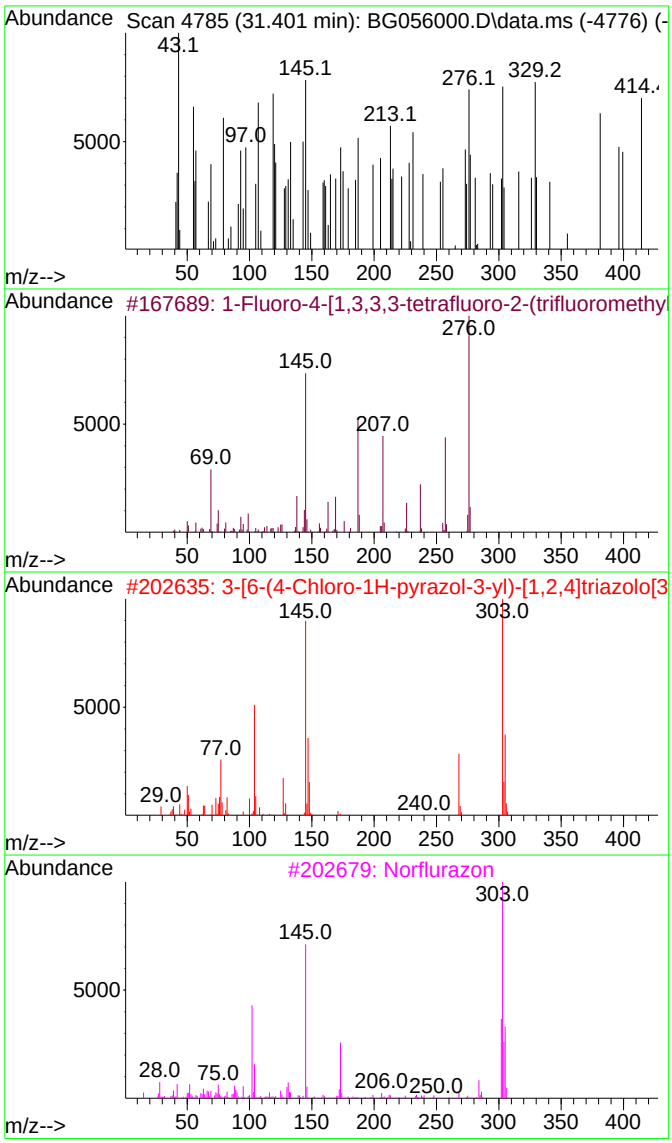
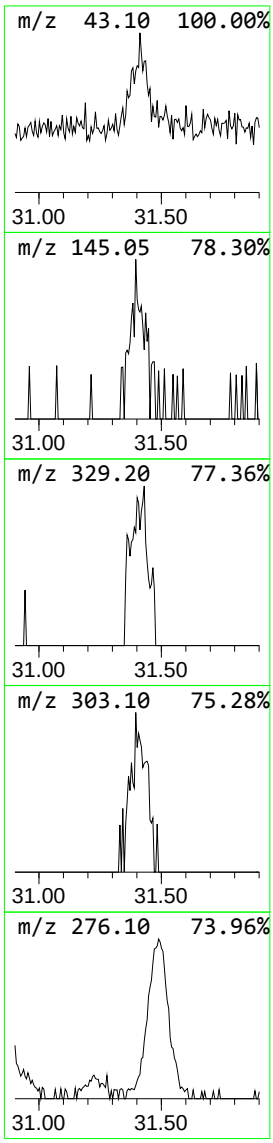
Peak Number 20 unknown31.401 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.401	2.79 ng	29865	Perylene-d12	25.526

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Fluoro-4-[1,3,3,3-tetrafluoro-...	276	C10H4F8	1000389-53-4	14
2	3-[6-(4-Chloro-1H-pyrazol-3-yl)-...	303	C11H6ClN7S	1000443-33-4	10
3	Norflurazon	303	C12H9ClF3N3O	027314-13-2	10
4	1H-benzimidazole, 2,2'-methylene...	276	C17H16N4	1000401-82-9	10
5	4-Methyl-5-(4-methylphenyl)-4H-1...	277	C13H19N3SSi	1000477-12-7	7





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
Data File : BG056000.D
Acq On : 16 Dec 2022 19:10
Operator : CG/JU
Sample : N6038-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-39-(0-2)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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
unknown3.405	3.405	10.6	ng	20573	1	8.369	38835	20.0
2-Pentanone, 4-...	5.414	8.1	ng	15782	1	8.369	38835	20.0
Benzophenone	16.313	11.6	ng	56635	3	14.979	97525	20.0
Tridecanoic acid	18.569	11.4	ng	85650	4	17.717	150201	20.0
Anthracene, 9-m...	18.628	3.6	ng	27437	4	17.717	150201	20.0
4H-Cyclopenta[d...	18.781	4.3	ng	31985	4	17.717	150201	20.0
9,10-Anthracene...	19.110	2.6	ng	19495	4	17.717	150201	20.0
di-p-Tolylacety...	19.480	2.6	ng	19857	4	17.717	150201	20.0
Cyclopenta(def)...	19.621	2.4	ng	17986	4	17.717	150201	20.0
unknown19.821	19.821	3.9	ng	29311	4	17.717	150201	20.0
11H-Benzo[b]flu...	20.590	3.7	ng	93082	5	22.024	508059	20.0
unknown21.613	21.613	3.1	ng	79141	5	22.024	508059	20.0
Benz[a]anthrace...	22.882	3.5	ng	88655	5	22.024	508059	20.0
1,5,9-Undecatri...	23.839	9.0	ng	96248	6	25.526	213949	20.0
unknown24.004	24.004	3.2	ng	34632	6	25.526	213949	20.0
(1-Cyclopenteny...	24.685	5.0	ng	53013	6	25.526	213949	20.0
Benzo[e]pyrene	25.203	18.3	ng	196228	6	25.526	213949	20.0
unknown26.131	26.131	5.2	ng	55745	6	25.526	213949	20.0
Octadecane, 2-m...	26.818	7.6	ng	81693	6	25.526	213949	20.0
unknown31.401	31.401	2.8	ng	29865	6	25.526	213949	20.0