LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055064.D
Acq On : 4 Oct 2022 15:29
Operator : CG/JU
Sample : N4943-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-003-0930

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-BG100322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055064.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.375	10	15	32	rVB	301684	484062	28.21%	3.155%
2	4.768	247	252	261	rVB	53346	79544	4.64%	0.518%
3	5.391	351	358	366	rBV	525338	789363	46.00%	5.144%
4	5.861	431	438	447	rVB	419378	656166	38.24%	4.276%
5	6.489	537	545	555	rBV	33313	52171	3.04%	0.340%
6	7.471	703	712	722	rBV	428630	762368	44.43%	4.968%
7	8.340	854	860	867	rBV	106079	172480	10.05%	1.124%
8	9.509	1051	1059	1070	rBV	249001	438224	25.54%	2.856%
9	11.172	1334	1342	1346	rBV	149813	269260	15.69%	1.755%
10	11.225	1346	1351	1358	rVB	167725	299915	17.48%	1.954%
11	11.343	1366	1371	1379	rVB	15880	27467	1.60%	0.179%
12	12.806	1612	1620	1626	rBV	128075	210936	12.29%	1.375%
13	13.017	1646	1656	1663	rBV	72459	118658	6.91%	0.773%
14	13.581	1745	1752	1759	rVB	688262	1054750	61.47%	6.874%
15	13.787	1779	1787	1793	rBV	34855	52969	3.09%	0.345%
16	13.987	1815	1821	1829	rVB2	11315	17408	1.01%	0.113%
17	14.116	1836	1843	1852	rVB2	20197	48135	2.81%	0.314%
18	14.274	1863	1870	1875	rBV2	28239	49019	2.86%	0.319%
19	14.327	1875	1879	1884	rVB	18071	24834	1.45%	0.162%
20	14.909	1974	1978	1980	rBV	16431	24208	1.41%	0.158%
21	14.950	1980	1985	1990	rVV	257767	408244	23.79%	2.660%
22	15.009	1990	1995	2002	rVB	171330	269807	15.72%	1.758%
23	15.338	2045	2051	2058	rVB	161305	255064	14.86%	1.662%
24	15.984	2155	2161	2169	rVB	232139	349201	20.35%	2.276%
25	16.149	2185	2189	2194	rVB4	23903	32708	1.91%	0.213%
26	16.278	2206	2211	2216	rVB	36270	54243	3.16%	0.353%
27	16.419	2225	2235	2244	rBV	647349	999398	58.24%	6.513%
28	16.983	2321	2331	2336	rBV2	25587	47581	2.77%	0.310%
29	17.206	2362	2369	2373	rBV5	9371	19080	1.11%	0.124%
30	17.412	2396	2404	2410	rBV5	9908	21667	1.26%	0.141%
31	17.500	2414	2419	2428	rVB	51066	77802	4.53%	0.507%
32	17.682	2444	2450	2453	rBV	372659	553243	32.24%	3.605%
33	17.723	2453	2457	2464	rVV	706930	1051161	61.26%	6.850%
34	17.811	2464	2472	2477	rVV	67846	127823	7.45%	0.833%
35	17.870	2477	2482	2486	rVB3	11119	18264	1.06%	0.119%
36	18.076	2511	2517	2523	rBV	27687	45134	2.63%	0.294%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
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Acq On : 4 Oct 2022 15:29
Operator : CG/JU
Sample : N4943-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-003-0930

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-BG100322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.540	2591	2596	2602	rBV2	76611	148922	8.68%	0.970%
38	18.599	2602	2606	2612	rVB	64901	96244	5.61%	0.627%
39	18.681	2612	2620	2625	rBV	21299	34204	1.99%	0.223%
40	18.746	2625	2631	2642	rVB3	99756	192776	11.23%	1.256%
41	19.034	2675	2680	2686	rBV	34374	48738	2.84%	0.318%
42	19.445	2744	2750	2755	rBV4	11827	21761	1.27%	0.142%
43	19.509	2755	2761	2770	rVB9	8738	24649	1.44%	0.161%
44	19.709	2789	2795	2801	rVV	422329	599222	34.92%	3.905%
45	19.791	2805	2809	2815	rVB2	34055	50502	2.94%	0.329%
46	19.950	2832	2836	2845	rVB	12184	23447	1.37%	0.153%
47	20.038	2845	2851	2852	rBV	65787	96738	5.64%	0.630%
48	20.068	2852	2856	2864	rVV	265222	409785	23.88%	2.670%
49	20.132	2864	2867	2874	rVB3	12806	20403	1.19%	0.133%
50	20.256	2879	2888	2894	rBV	1315817	1715963	100.00%	11.183%
51	20.379	2904	2909	2911	rBV4	13954	22661	1.32%	0.148%
52	20.549	2934	2938	2944	rVB	52277	75033	4.37%	0.489%
53	20.649	2950	2955	2960	rBV	54407	79501	4.63%	0.518%
54	20.714	2961	2966	2969	rVB2	13146	22970	1.34%	0.150%
55	21.536	3100	3106	3108	rBV2	14283	23939	1.40%	0.156%
56	21.578	3108	3113	3119	rVV	63080	102807	5.99%	0.670%
57	21.977	3171	3181	3186	rBV2	375186	740826	43.17%	4.828%
58	22.024	3186	3189	3195	rVB2	48065	77184	4.50%	0.503%
59	22.183	3209	3216	3223	rBV3	13150	24360	1.42%	0.159%
60	22.835	3320	3327	3331	rBV8	8039	18006	1.05%	0.117%
61	24.321	3574	3580	3590	rBV3	15197	53632	3.13%	0.350%
62	25.267	3733	3741	3748	rBV2	11944	34355	2.00%	0.224%
63	25.432	3758	3769	3781	rBV2	211158	624033	36.37%	4.067%

Sum of corrected areas: 15345018

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
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Acq On : 4 Oct 2022 15:29
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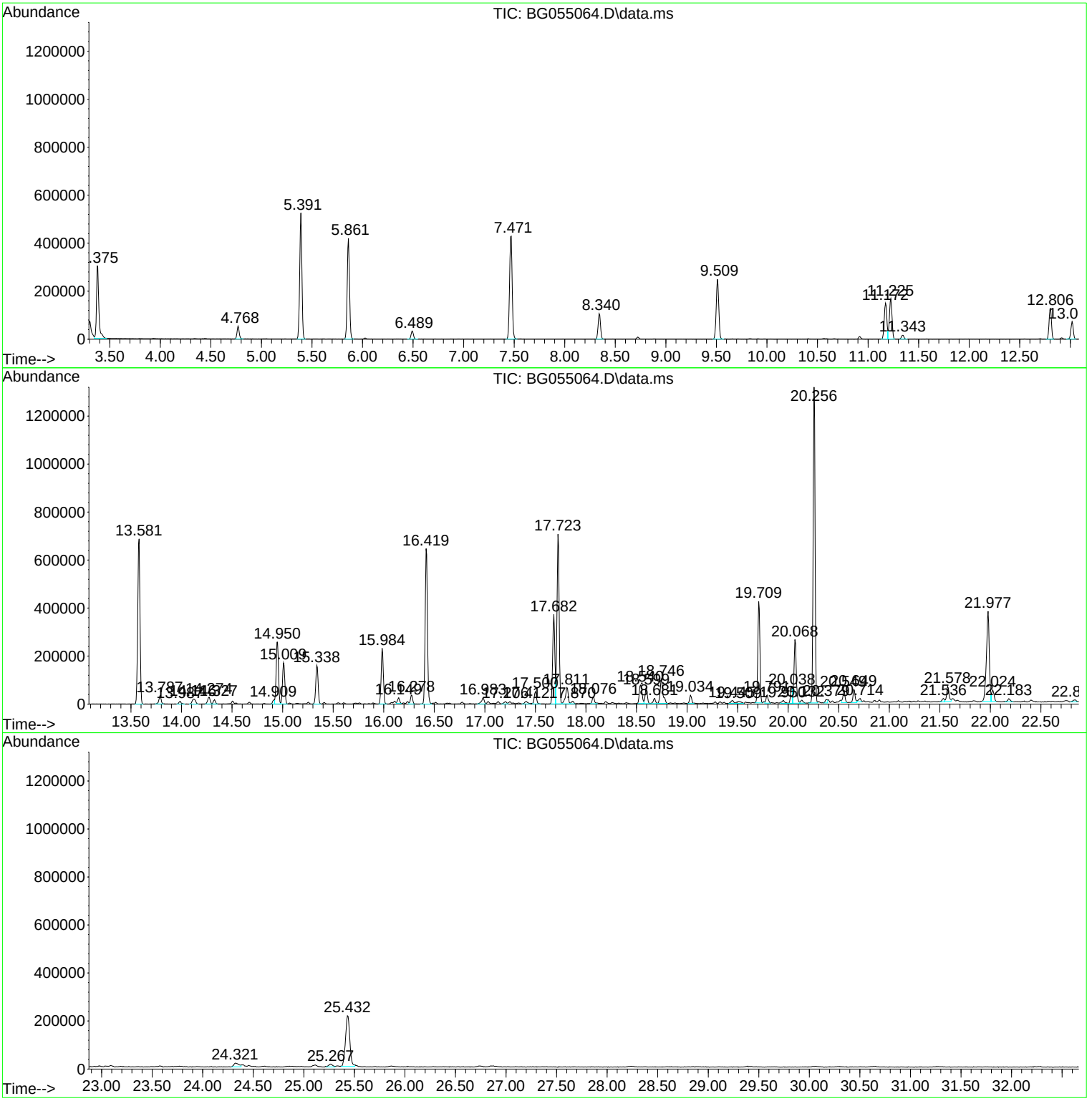
Sample : N4943-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-003-0930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.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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Data File : BG055064.D
Acq On : 4 Oct 2022 15:29
Operator : CG/JU
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Instrument :
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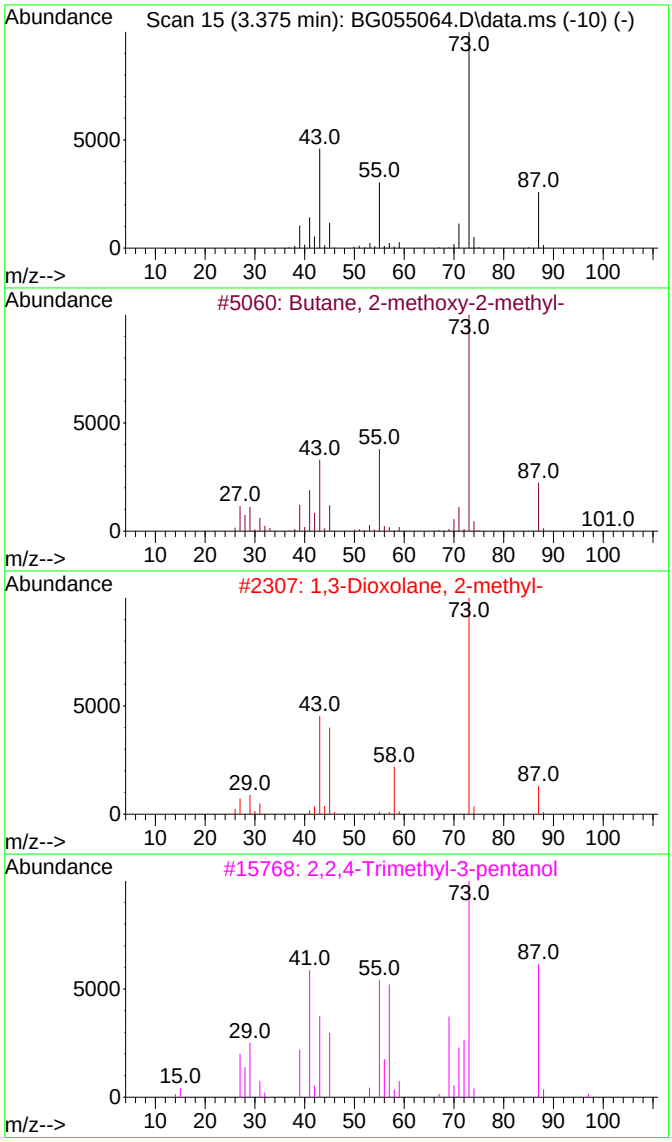
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

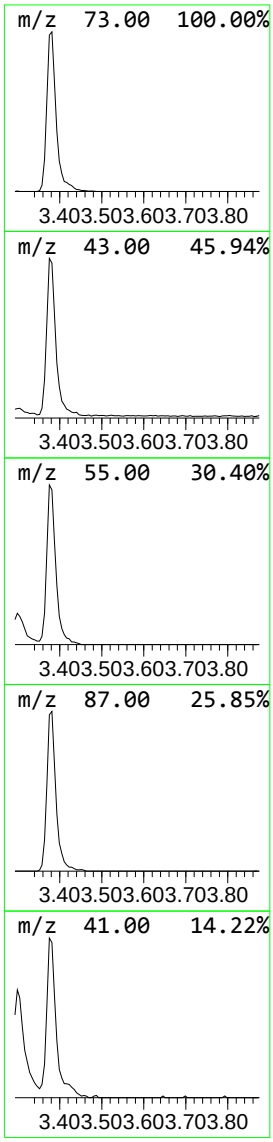
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.375	56.13 ng	484062	1,4-Dichlorobenzene-d4	8.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055064.D
Acq On : 4 Oct 2022 15:29
Operator : CG/JU
Sample : N4943-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-003-0930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

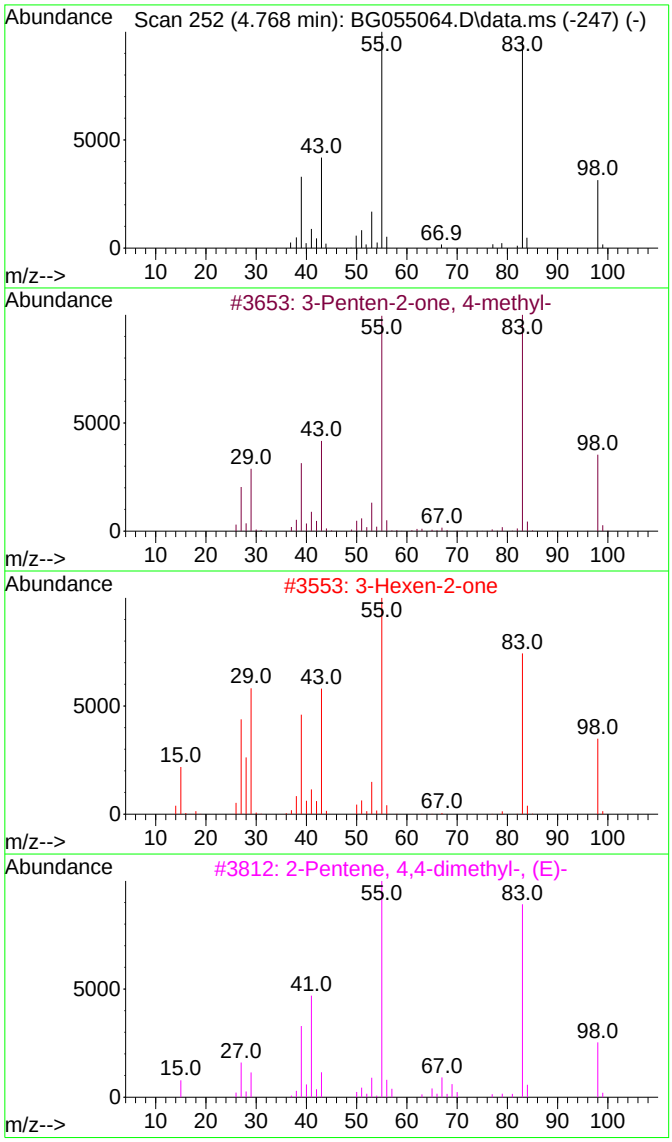
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

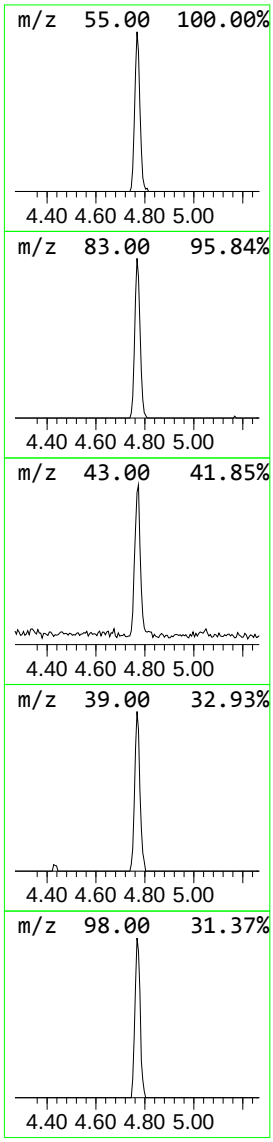
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.768	9.22 ng	79544	1,4-Dichlorobenzene-d4	8.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	72
4	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	64
5	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055064.D
Acq On : 4 Oct 2022 15:29
Operator : CG/JU
Sample : N4943-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-003-0930

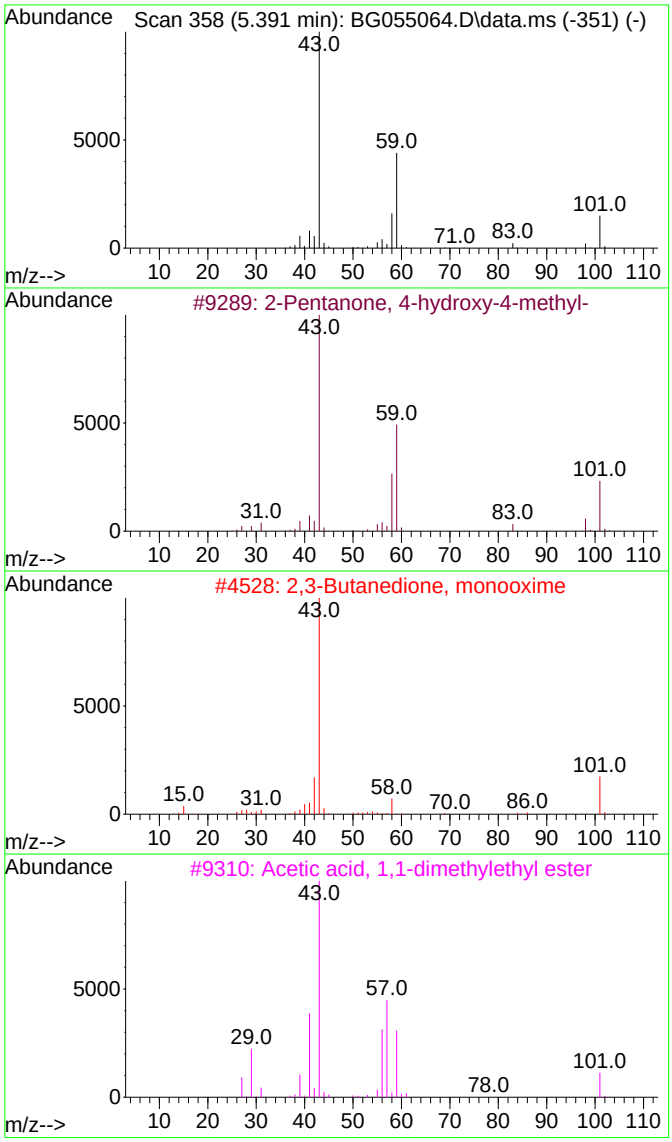
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

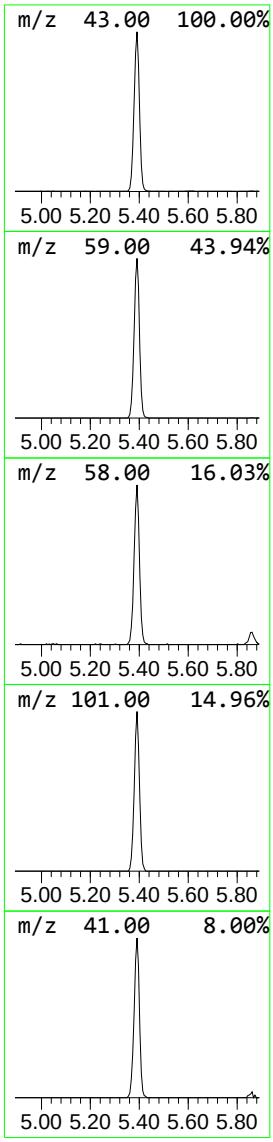
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.391	91.53 ng	789363	1,4-Dichlorobenzene-d4	8.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17
4	Acetone	58	C3H6O	000067-64-1	12
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
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Sample : N4943-05
Misc :
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Instrument :
BNA_G
ClientSampleId :
SOIL-003-0930

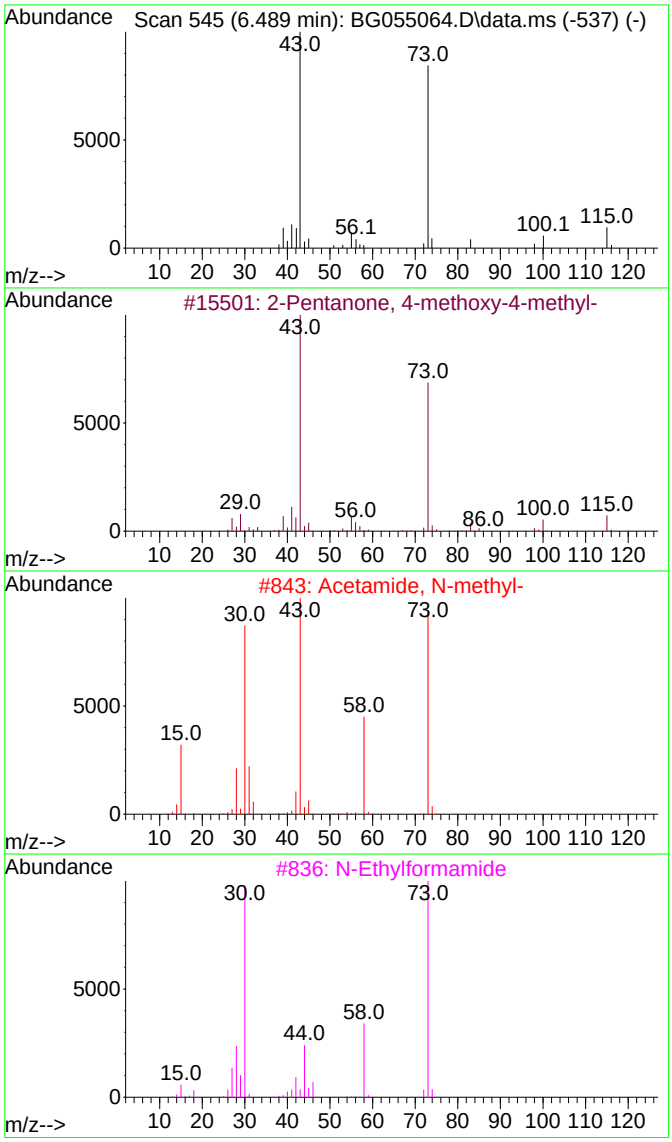
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

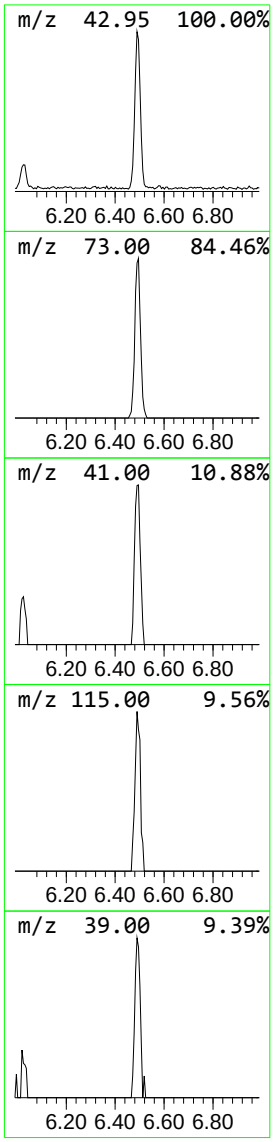
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.489	6.05 ng	52171	1,4-Dichlorobenzene-d4	8.340

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	50
3	N-Ethylformamide	73	C3H7NO	000627-45-2	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	16
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055064.D
Acq On : 4 Oct 2022 15:29
Operator : CG/JU
Sample : N4943-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-003-0930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

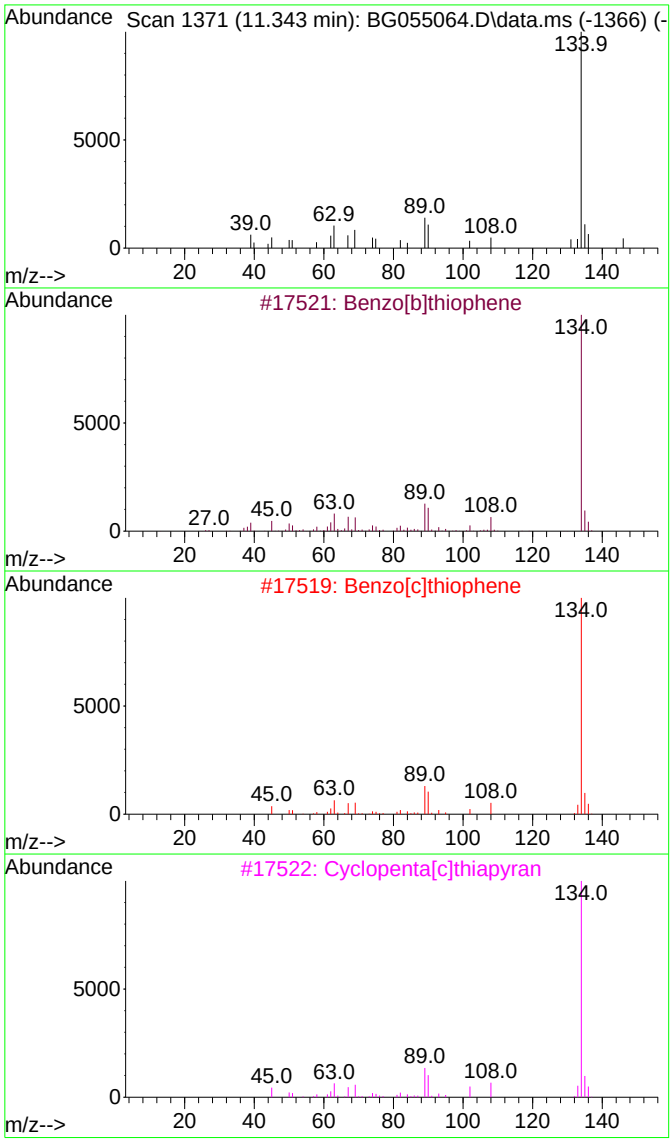
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

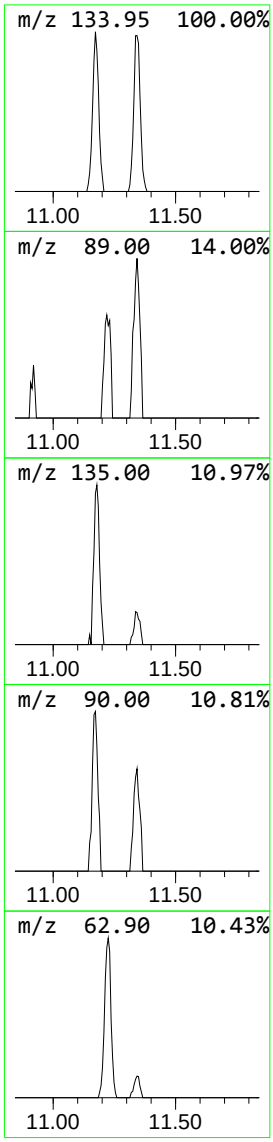
****

Peak Number 5 Benzo[b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.342	2.04 ng	27467	Naphthalene-d8	11.172

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	93
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
4	[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	64
5	3-Deazaadenine	134	C6H6N4	006811-77-4	50





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BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

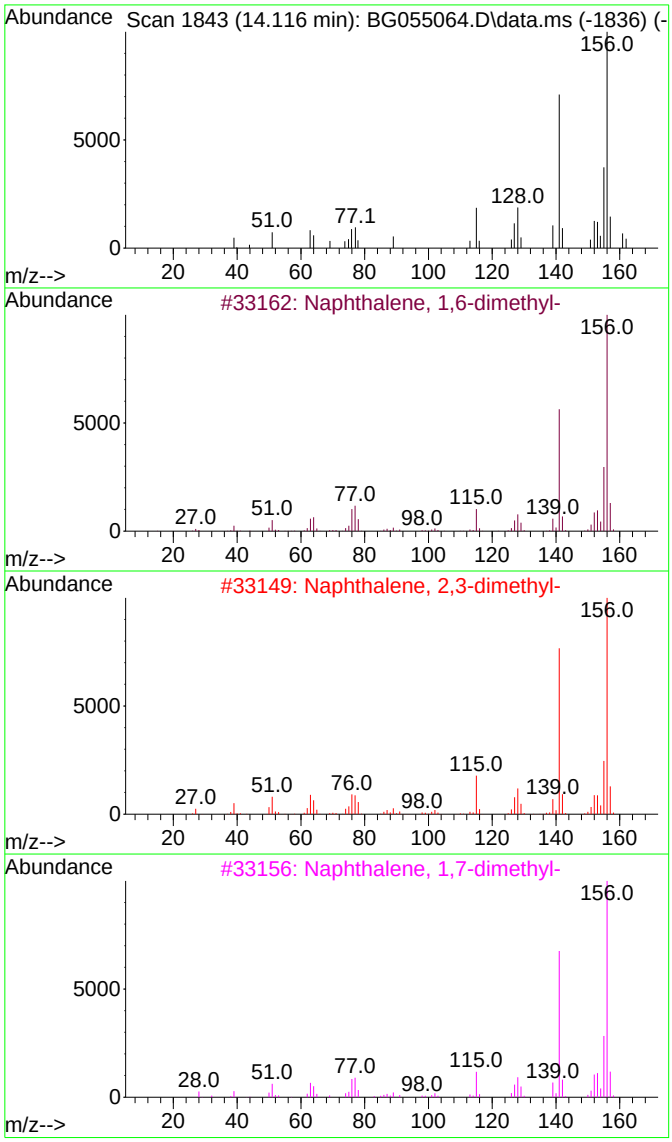
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

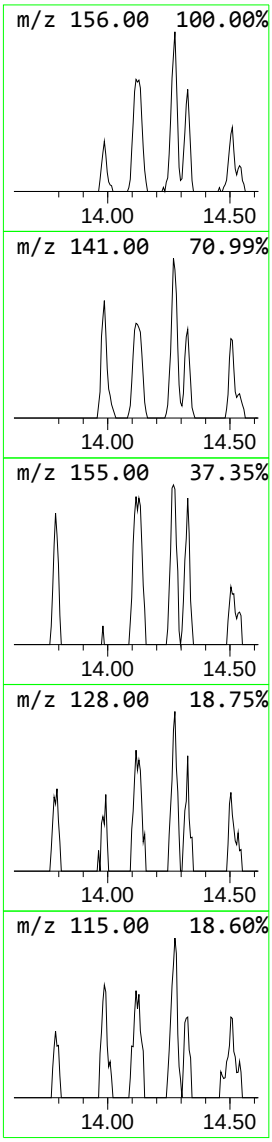
****

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.116	2.36 ng	48135	Acenaphthene-d10	14.950

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055064.D
Acq On : 4 Oct 2022 15:29
Operator : CG/JU
Sample : N4943-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-003-0930

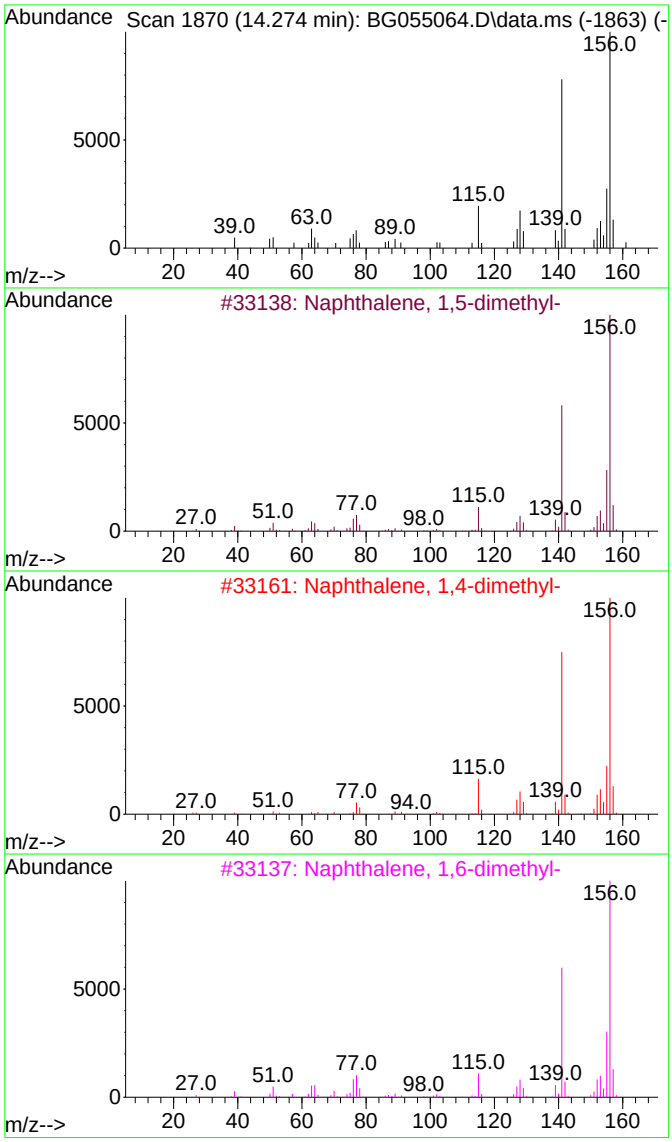
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

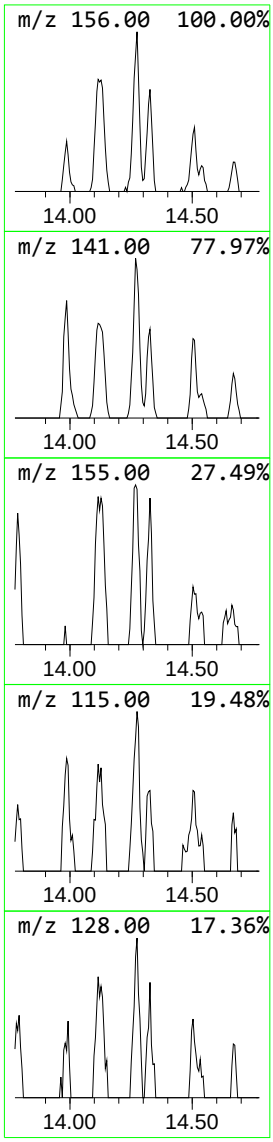
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.274	2.40 ng	49019	Acenaphthene-d10	14.950

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Data File : BG055064.D
Acq On : 4 Oct 2022 15:29
Operator : CG/JU
Sample : N4943-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-003-0930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.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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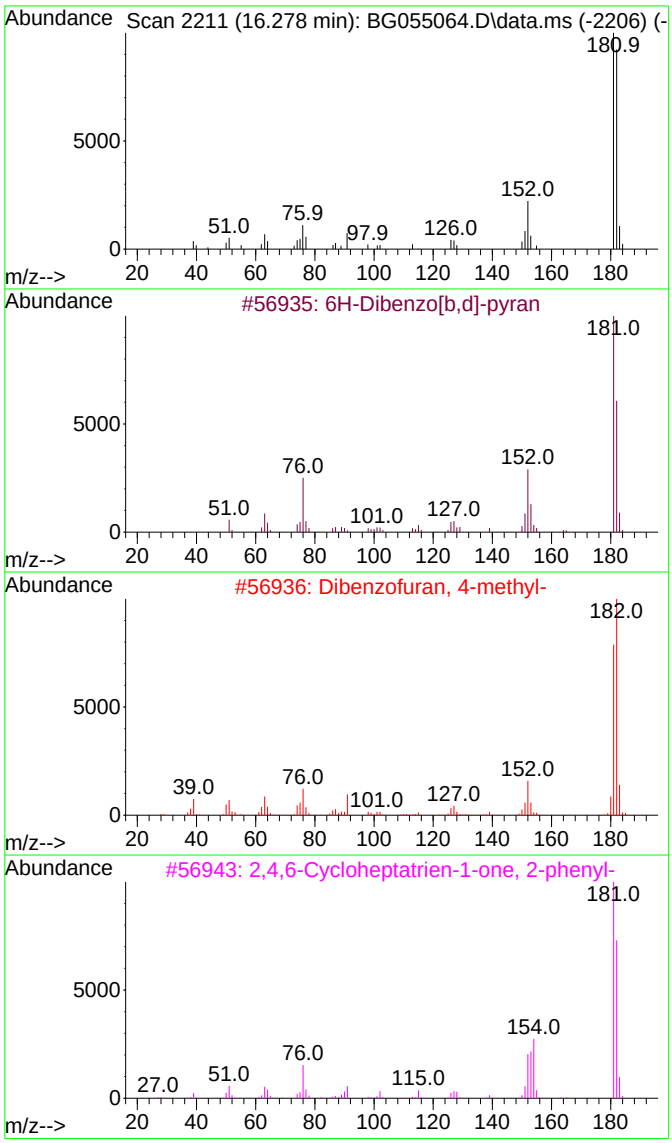
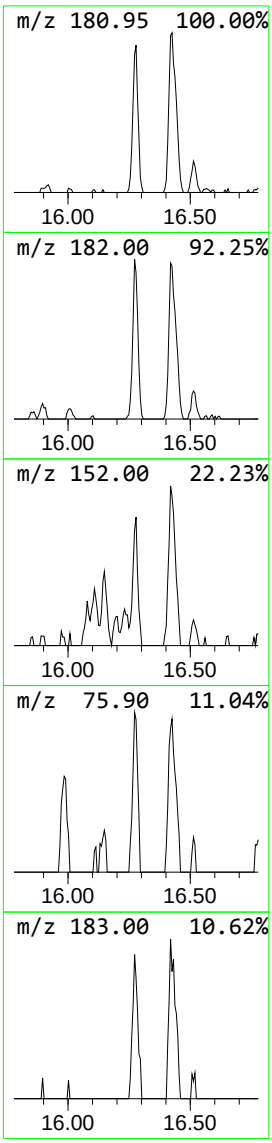
Peak Number 8 6H-Dibenzo[b,d]-pyran Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.278	2.66 ng	54243	Acenaphthene-d10	14.950

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	{2-Ethylimidazo[2,1-b][1,3,4]thi...	182	C7H10N4S	1000459-66-7	72





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Operator : CG/JU
Sample : N4943-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.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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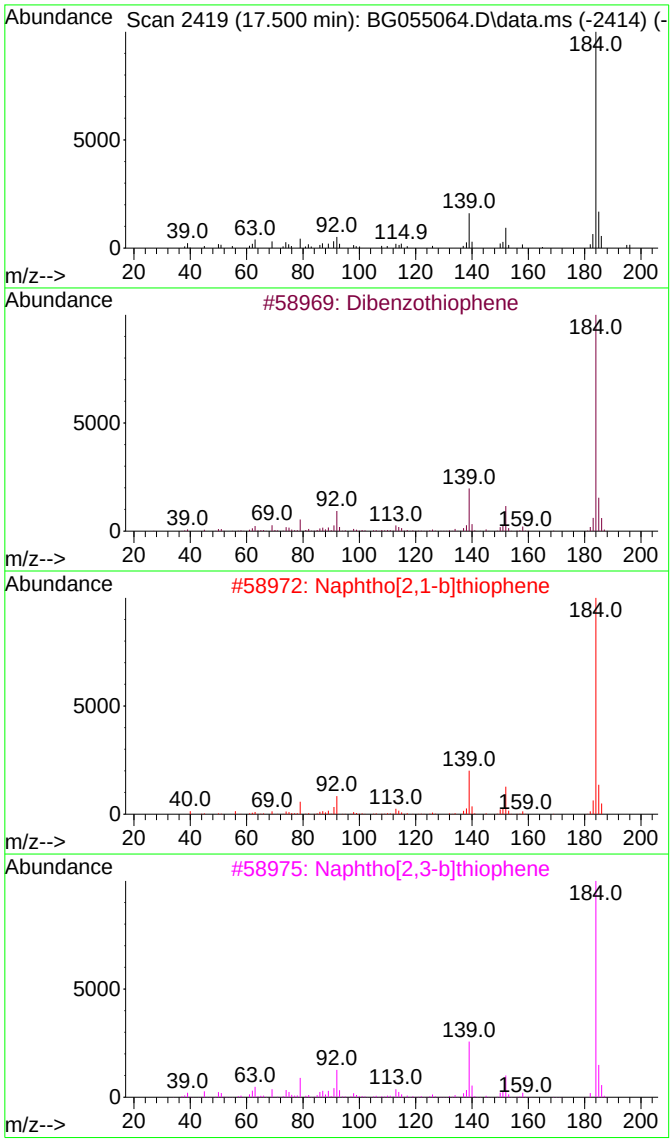
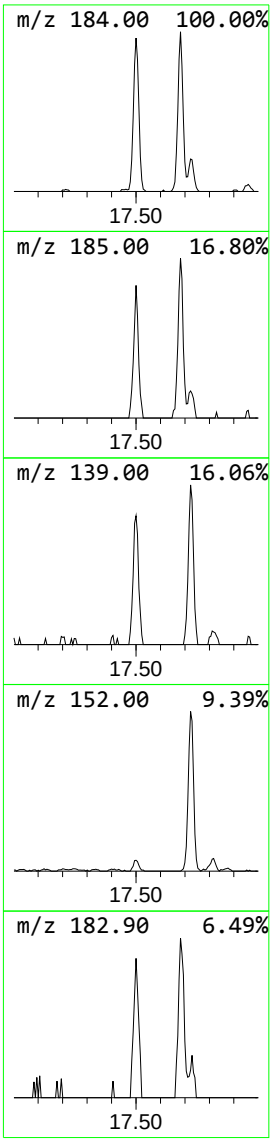
Peak Number 9 Naphtho[2,1-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.500	2.81 ng	77802	Phenanthrene-d10	17.682

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Operator : CG/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-003-0930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.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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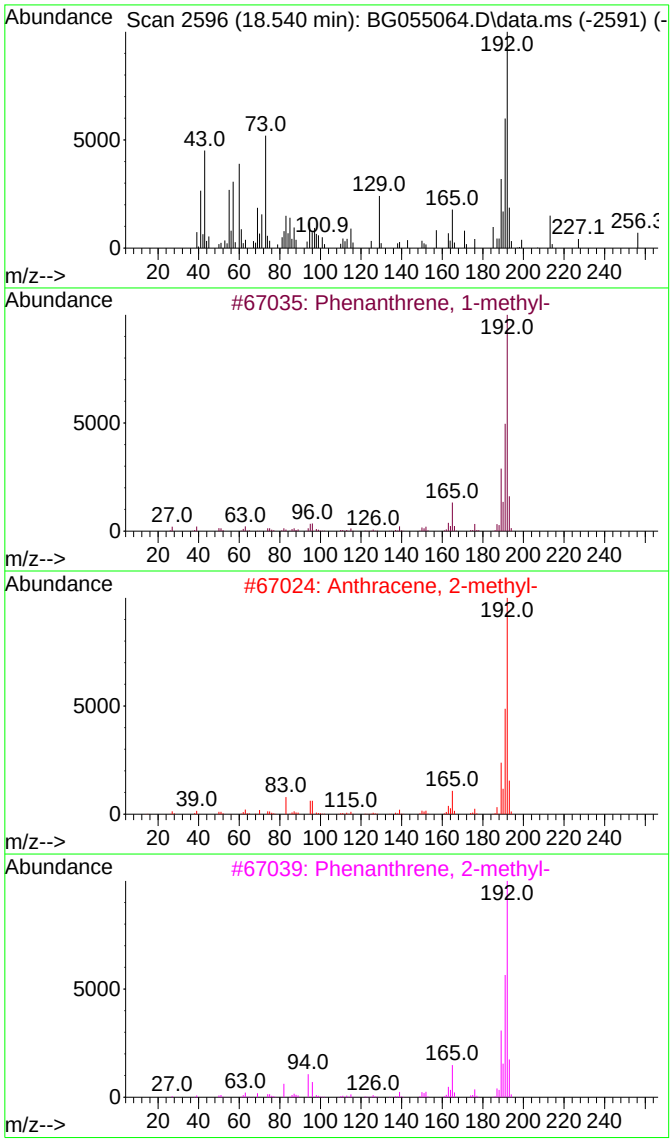
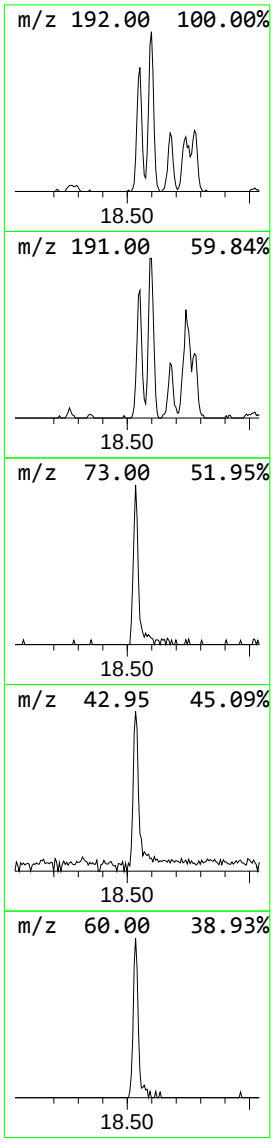
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.540	5.38 ng	148922	Phenanthrene-d10	17.682

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Operator : CG/JU
Sample : N4943-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-003-0930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.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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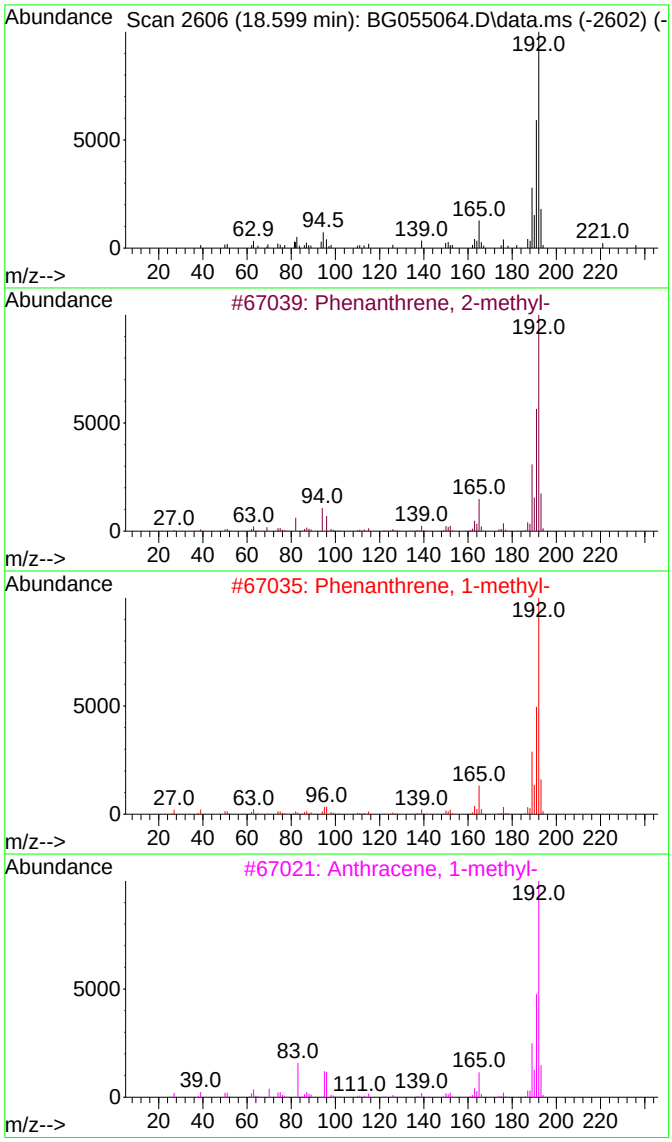
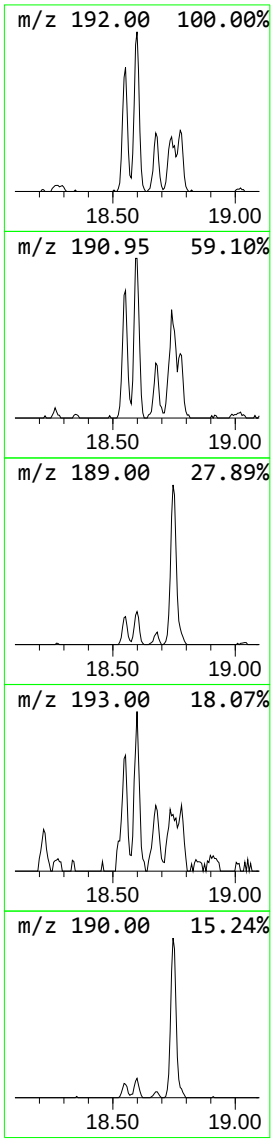
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.599	3.48 ng	96244	Phenanthrene-d10	17.682

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Operator : CG/JU
Sample : N4943-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-003-0930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.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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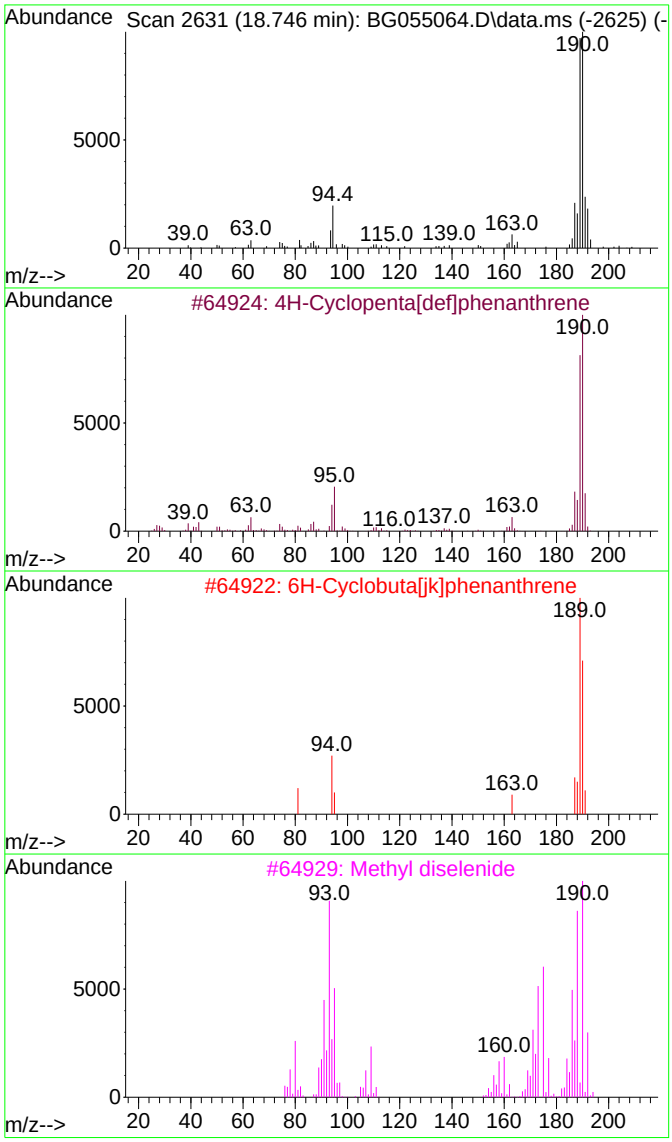
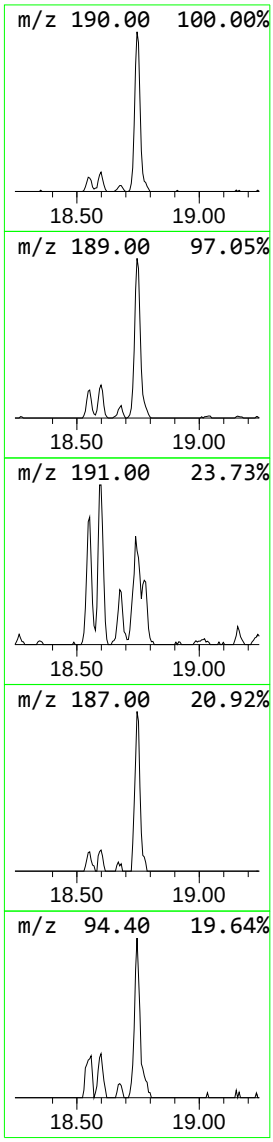
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.746	6.97 ng	192776	Phenanthrene-d10	17.682

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27





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Acq On : 4 Oct 2022 15:29
Operator : CG/JU
Sample : N4943-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-003-0930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.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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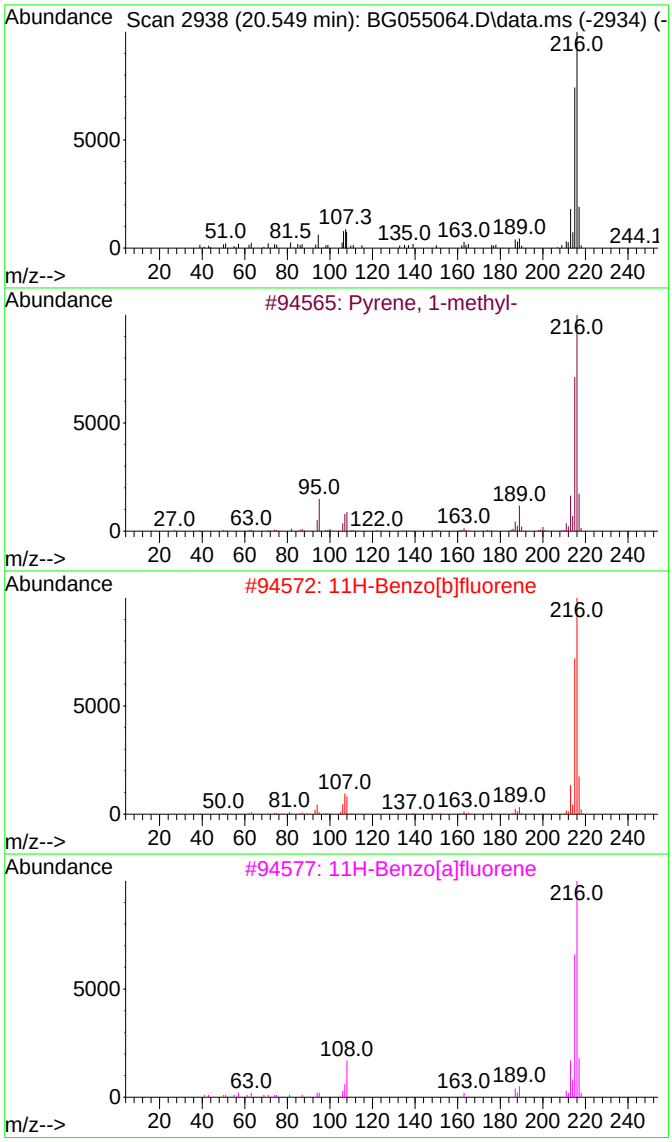
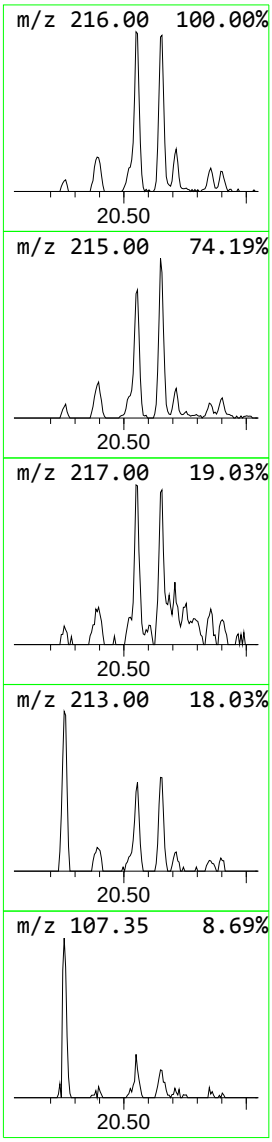
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.549	2.03 ng	75033	Chrysene-d12	21.977

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	1,3-Dihydro-5,6-dimethyl-1-(2-pr...	216	C12H12N2S	080276-22-8	80





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Acq On : 4 Oct 2022 15:29
Operator : CG/JU
Sample : N4943-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-003-0930

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.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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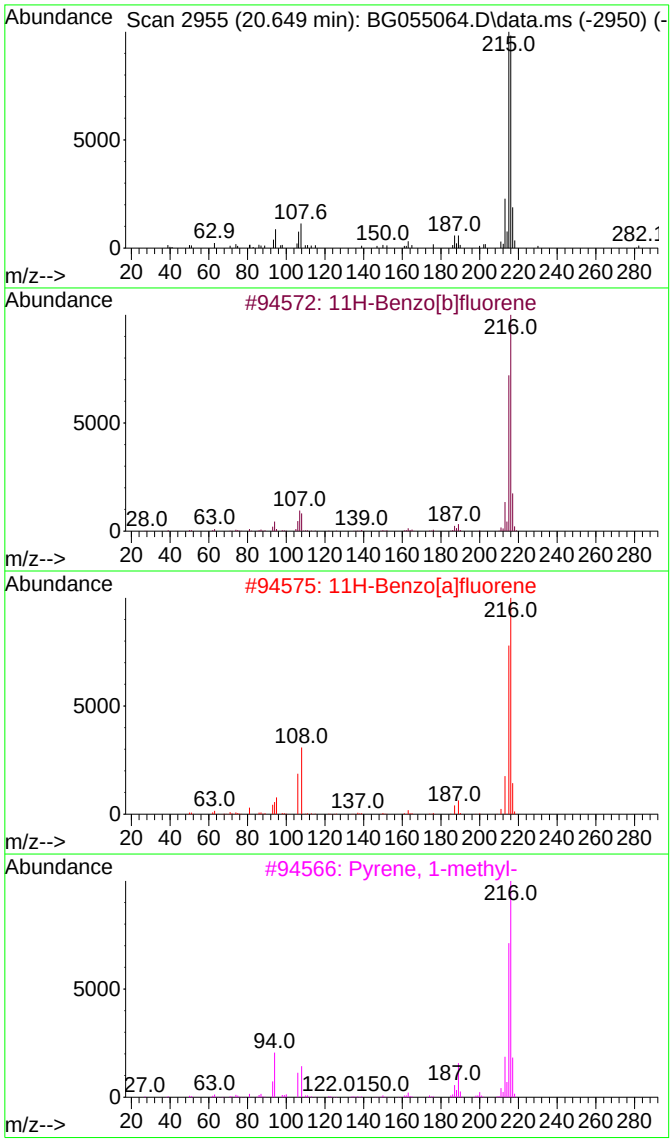
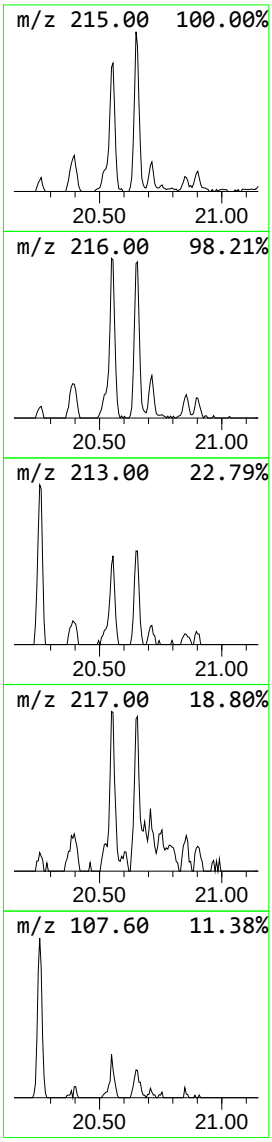
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.649	2.15 ng	79501	Chrysene-d12	21.977

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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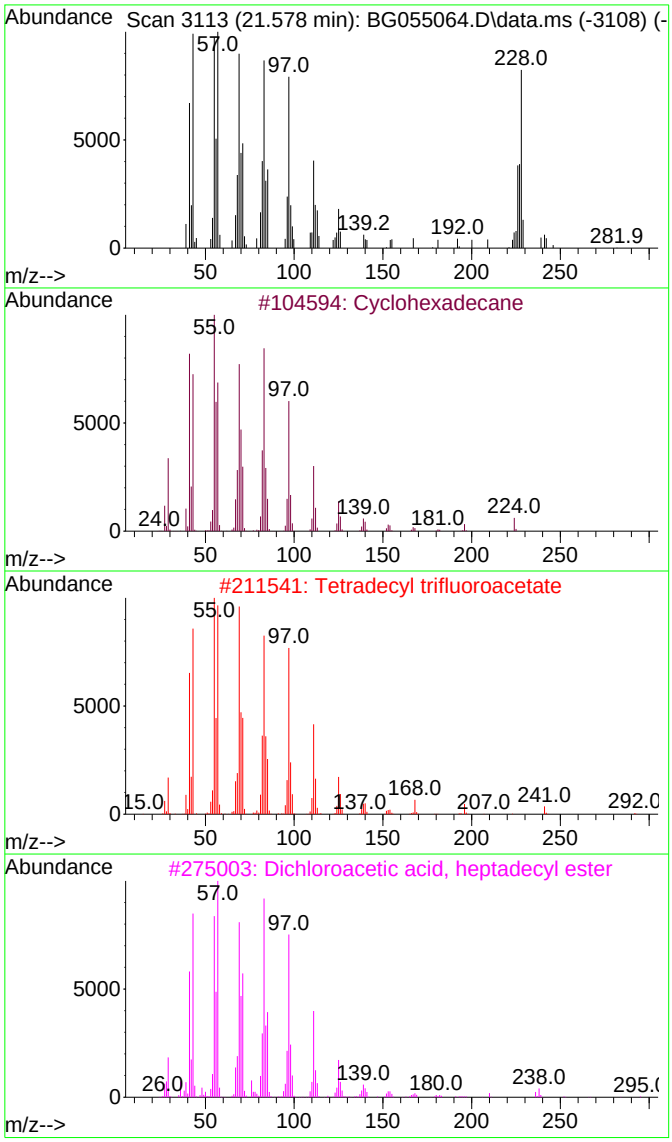
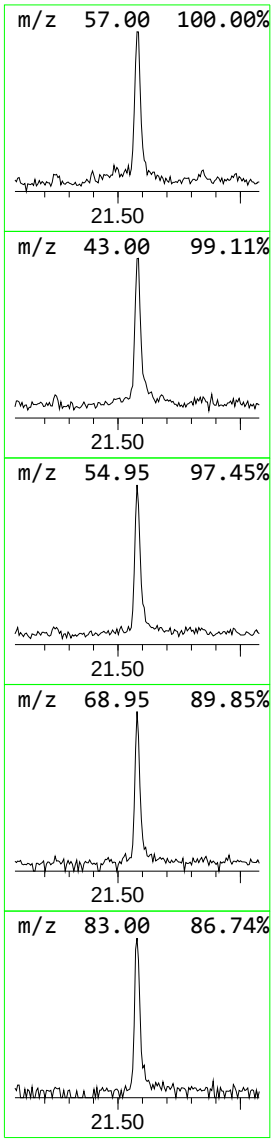
Peak Number 15 Cyclohexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.578	2.78 ng	102807	Chrysene-d12	21.977

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	91
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	90
5	Cetene	224	C16H32	000629-73-2	86





Tentatively Identified Compound (LSC) summary

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Data File : BG055064.D
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Operator : CG/JU
Sample : N4943-05
Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.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
Butane, 2-metho...	3.375	56.1	ng	484062	1	8.340	172480	20.0
3-Penten-2-one,...	4.768	9.2	ng	79544	1	8.340	172480	20.0
2-Pentanone, 4-...	5.391	91.5	ng	789363	1	8.340	172480	20.0
2-Pentanone, 4-...	6.489	6.0	ng	52171	1	8.340	172480	20.0
Benzo[b]thiophene	11.342	2.0	ng	27467	2	11.172	269260	20.0
Naphthalene, 1,...	14.116	2.4	ng	48135	3	14.950	408244	20.0
Naphthalene, 1,...	14.274	2.4	ng	49019	3	14.950	408244	20.0
6H-Dibenzo[b,d]...	16.278	2.7	ng	54243	3	14.950	408244	20.0
Naphtho[2,1-b]t...	17.500	2.8	ng	77802	4	17.682	553243	20.0
Phenanthrene, 1...	18.540	5.4	ng	148922	4	17.682	553243	20.0
Phenanthrene, 2...	18.599	3.5	ng	96244	4	17.682	553243	20.0
4H-Cyclopenta[d...	18.746	7.0	ng	192776	4	17.682	553243	20.0
Pyrene, 1-methyl-	20.549	2.0	ng	75033	5	21.977	740826	20.0
11H-Benzo[b]flu...	20.649	2.1	ng	79501	5	21.977	740826	20.0
Cyclohexadecane	21.578	2.8	ng	102807	5	21.977	740826	20.0