LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-001-0930

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: BG055062.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.378	10	15	30	rVB	236928	377745	10.20%	1.292%
2	4.771	247	252	258	rVB	26169	37732	1.02%	0.129%
3	5.388	350	357	366	rVB	389809	606244	16.37%	2.073%
4	5.858	429	437	446	rBV	304662	493207	13.32%	1.687%
5	6.492	538	545	552	rVB	26295	40907	1.10%	0.140%
6	7.468	703	711	720	rBV	346075	595167	16.07%	2.036%
7	8.343	853	860	867	rBV	94774	158366	4.28%	0.542%
8	8.725	919	925	931	rBV	24614	41156	1.11%	0.141%
9	9.512	1051	1059	1070	rVB	192783	339232	9.16%	1.160%
10	11.175	1334	1342	1345	rBV	130556	236857	6.40%	0.810%
11	11.228	1345	1351	1359	rVB	419548	772343	20.86%	2.641%
12	11.339	1359	1370	1378	rBV	40386	76766	2.07%	0.263%
13	12.802	1612	1619	1631	rBV	429867	690884	18.66%	2.363%
14	13.020	1644	1656	1662	rVB	204292	340115	9.19%	1.163%
15	13.578	1745	1751	1758	rVB	564465	851574	23.00%	2.912%
16	13.790	1778	1787	1792	rBV	107325	169648	4.58%	0.580%
17	13.983	1815	1820	1829	rVB	43689	77995	2.11%	0.267%
18	14.119	1833	1843	1844	rBV2	69996	114816	3.10%	0.393%
19	14.271	1862	1869	1874	rBV	99804	181232	4.89%	0.620%
20	14.324	1874	1878	1885	rVB	69388	106304	2.87%	0.364%
21	14.506	1904	1909	1912	rBV	40940	61802	1.67%	0.211%
22	14.671	1932	1937	1942	rVB	27818	41293	1.12%	0.141%
23	14.912	1972	1978	1980	rBV	70147	103901	2.81%	0.355%
24	14.947	1980	1984	1989	rVV	238092	369563	9.98%	1.264%
25	15.012	1989	1995	2001	rVV	558881	873358	23.59%	2.987%
26	15.253	2030	2036	2044	rVV2	30571	55944	1.51%	0.191%
27	15.341	2044	2051	2058	rVV	542417	840269	22.69%	2.874%
28	15.411	2058	2063	2071	rVB	28150	40601	1.10%	0.139%
29	15.552	2081	2087	2092	rBV3	20217	37697	1.02%	0.129%
30	15.605	2092	2096	2108	rVB4	23534	38150	1.03%	0.130%
31	15.723	2108	2116	2119	rBV2	18898	37235	1.01%	0.127%
32	15.987	2154	2161	2168	rBV	813610	1231004	33.25%	4.210%
33	16.104	2168	2181	2185	rBV3	96955	304726	8.23%	1.042%
34	16.146	2185	2188	2193	rVB2	96933	151966	4.10%	0.520%
35	16.234	2199	2203	2206	rBV2	31718	47567	1.28%	0.163%
36	16.275	2206	2210	2219	rVB	144417	216302	5.84%	0.740%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

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	16.422	2225	2235	2243	rBV	641932	1040687	28.11%	3.559%
38	16.774	2291	2295	2301	rVB2	33602	50819	1.37%	0.174%
39	16.980	2319	2330	2335	rBV2	99121	207039	5.59%	0.708%
40	17.033	2335	2339	2344	rVB2	31397	48215	1.30%	0.165%
41	17.133	2350	2356	2361	rVB2	40855	67722	1.83%	0.232%
42	17.209	2361	2369	2372	rBV4	36530	75177	2.03%	0.257%
43	17.250	2372	2376	2379	rVB3	28465	37865	1.02%	0.130%
44	17.409	2397	2403	2410	rVV	42243	94624	2.56%	0.324%
45	17.503	2413	2419	2431	rVB	193544	312776	8.45%	1.070%
46	17.685	2443	2450	2452	rBV	309255	480455	12.98%	1.643%
47	17.732	2452	2458	2464	rVV	2415933	3702590	100.00%	12.663%
48	17.814	2464	2472	2477	rVV	197686	323862	8.75%	1.108%
49	17.867	2477	2481	2486	rVB2	25180	48733	1.32%	0.167%
50	18.073	2511	2516	2520	rBV	59359	90662	2.45%	0.310%
51	18.196	2533	2537	2544	rVB2	39208	64541	1.74%	0.221%
52	18.261	2544	2548	2556	rBV5	21242	39193	1.06%	0.134%
53	18.549	2586	2597	2601	rBV	197472	367310	9.92%	1.256%
54	18.596	2601	2605	2611	rVV	238106	360330	9.73%	1.232%
55	18.678	2611	2619	2624	rVV	76347	122229	3.30%	0.418%
56	18.748	2624	2631	2643	rVB4	344732	683910	18.47%	2.339%
57	19.036	2674	2680	2685	rBV	136449	187599	5.07%	0.642%
58	19.448	2740	2750	2756	rBV	48330	114636	3.10%	0.392%
59	19.512	2756	2761	2769	rVB2	36505	92198	2.49%	0.315%
60	19.712	2788	2795	2801	rBV	1375681	2041430	55.14%	6.982%
61	19.794	2806	2809	2814	rVB2	41963	73578	1.99%	0.252%
62	19.953	2828	2836	2844	rVB3	90310	216570	5.85%	0.741%
63	20.041	2844	2851	2852	rBV2	285089	415417	11.22%	1.421%
64	20.070	2852	2856	2862	rVV	866688	1409380	38.06%	4.820%
65	20.129	2862	2866	2874	rVB2	203270	366423	9.90%	1.253%
66	20.258	2881	2888	2893	rBV	1160791	1524731	41.18%	5.215%
67	20.382	2903	2909	2910	rBV	52789	81939	2.21%	0.280%
68	20.517	2927	2932	2933	rVV3	30496	44575	1.20%	0.152%
69	20.552	2934	2938	2943	rVB	177692	251802	6.80%	0.861%
70	20.652	2949	2955	2959	rBV	208052	298039	8.05%	1.019%
71	20.711	2959	2965	2969	rVB2	49039	102214	2.76%	0.350%
72	20.852	2982	2989	2993	rBV2	27871	56916	1.54%	0.195%
73	20.899	2993	2997	3006	rVB3	29783	56915	1.54%	0.195%
74	21.533	3100	3105	3108	rBV2	57656	93350	2.52%	0.319%
75	21.580	3108	3113	3118	rVV2	91740	185874	5.02%	0.636%
76	21.627	3118	3121	3126	rVV2	47140	98432	2.66%	0.337%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

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

77	21.669	3126	3128	3139	rVB	45675	78128	2.11%	0.267%
78	21.974	3165	3180	3185	rVV2	384682	1034273	27.93%	3.537%
79	22.027	3185	3189	3200	rVB	160524	286784	7.75%	0.981%
80	22.186	3211	3216	3222	rVB	40358	69101	1.87%	0.236%
81	22.403	3247	3253	3261	rBV4	36523	79889	2.16%	0.273%
82	22.750	3304	3312	3319	rVV2	19199	46529	1.26%	0.159%
83	24.330	3572	3581	3589	rBV2	46690	169099	4.57%	0.578%
84	25.106	3705	3713	3724	rVB2	20573	58379	1.58%	0.200%
85	25.264	3731	3740	3747	rBV	34472	101285	2.74%	0.346%
86	25.435	3759	3769	3779	rBV2	192836	567120	15.32%	1.940%
87	25.869	3834	3843	3850	rBV4	17004	58186	1.57%	0.199%

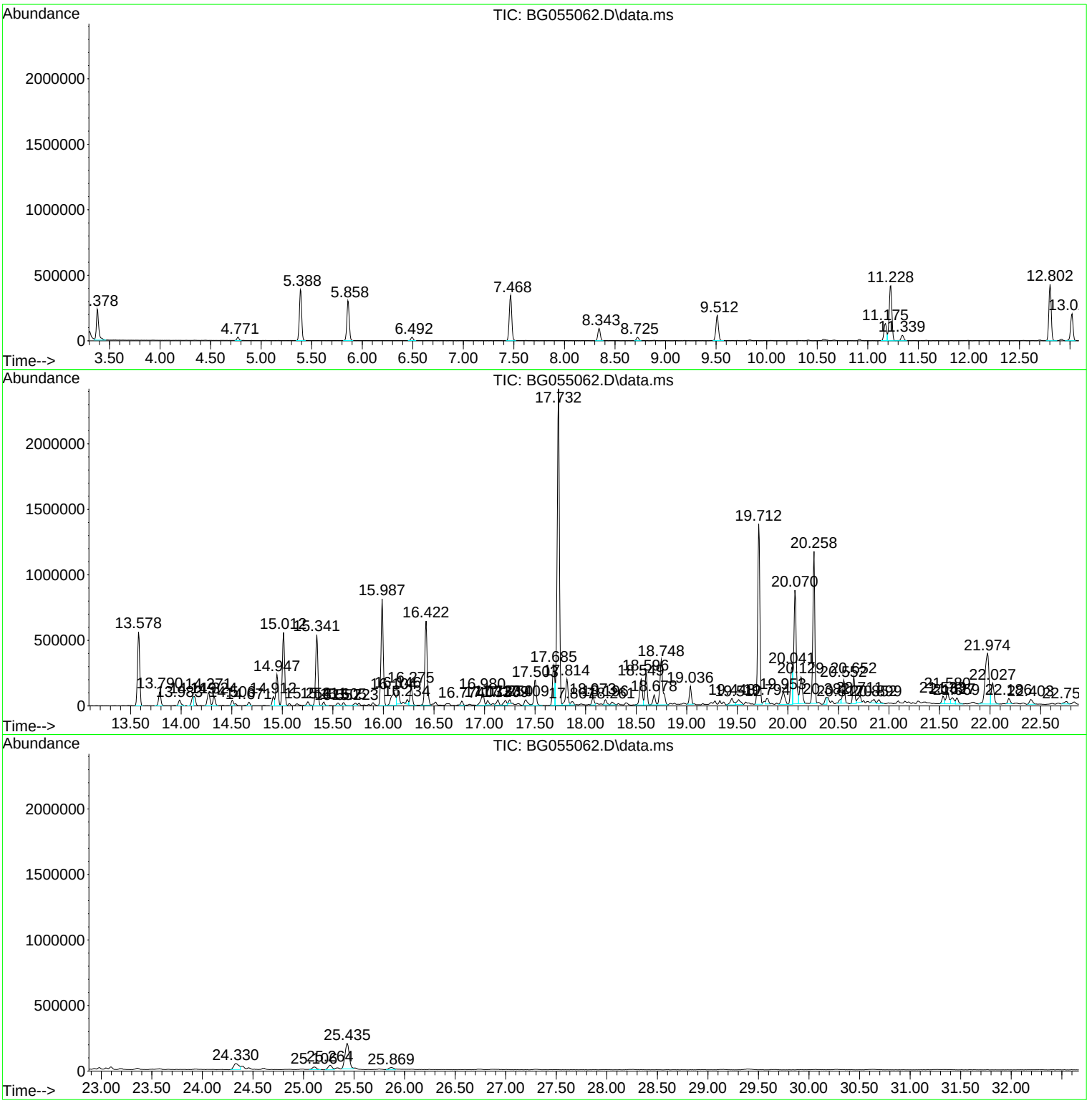
Sum of corrected areas: 29239198

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

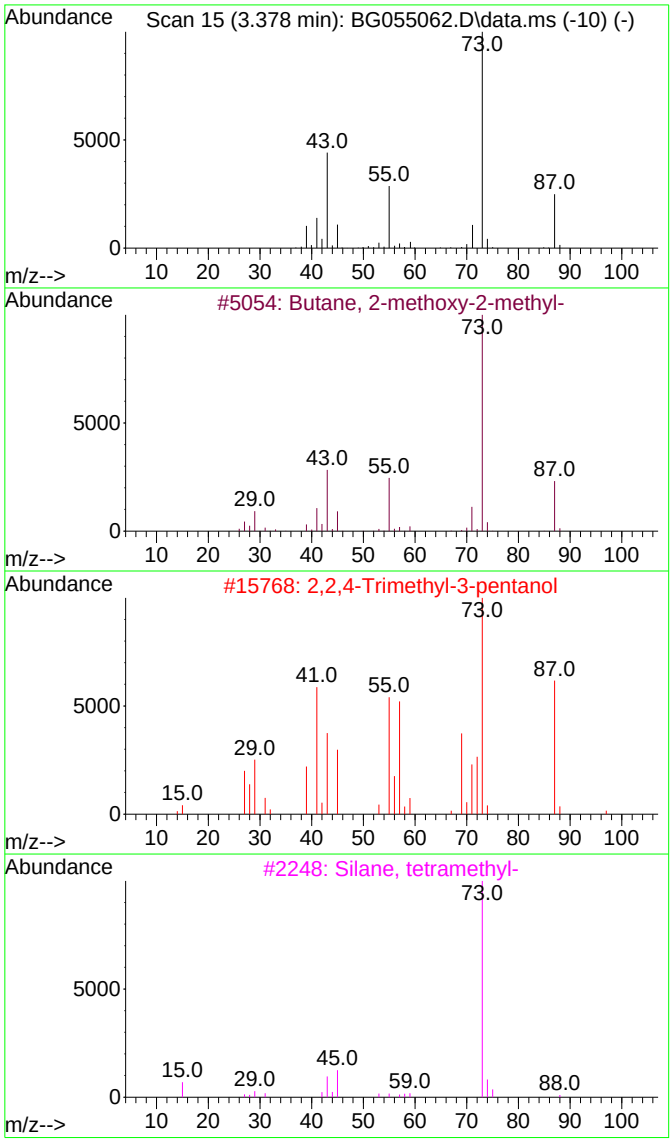
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

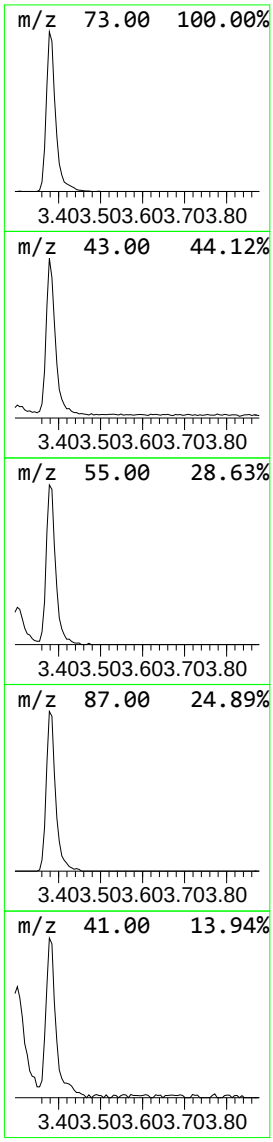
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.378	47.71 ng	377745	1,4-Dichlorobenzene-d4	8.343

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

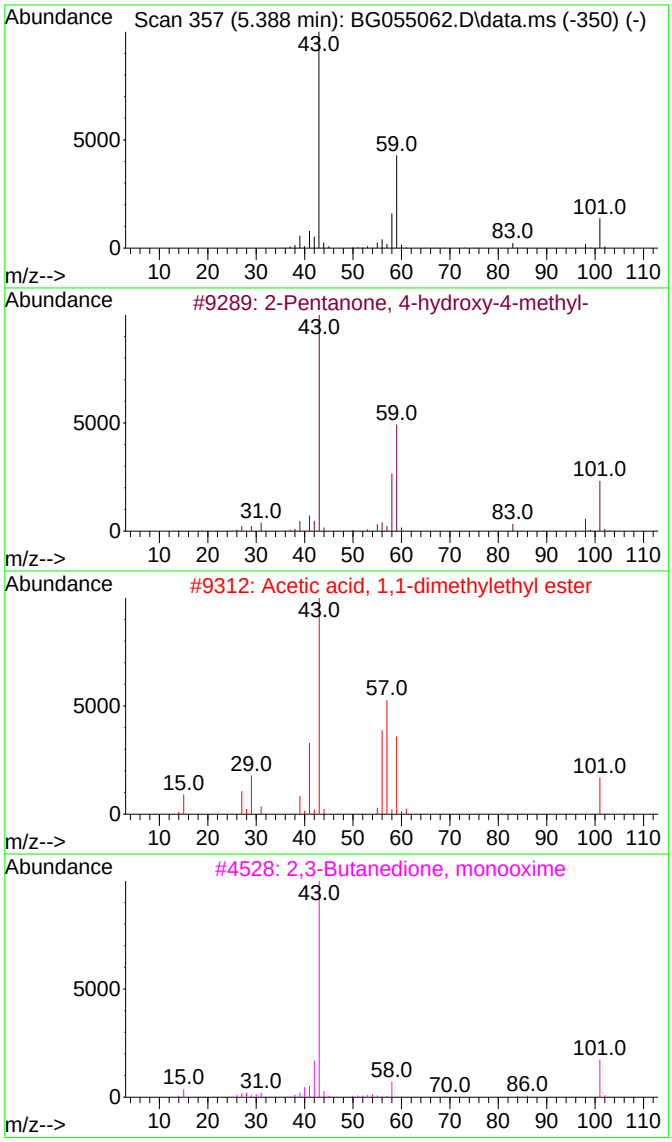
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

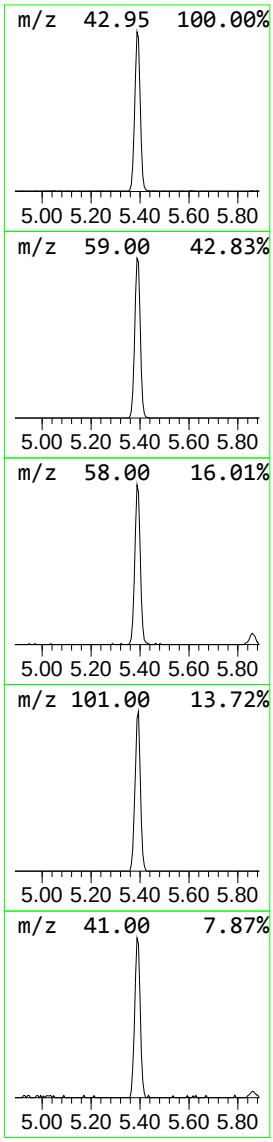
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.388	76.56 ng	606244	1,4-Dichlorobenzene-d4	8.343

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Acetone	58	C3H6O	000067-64-1	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

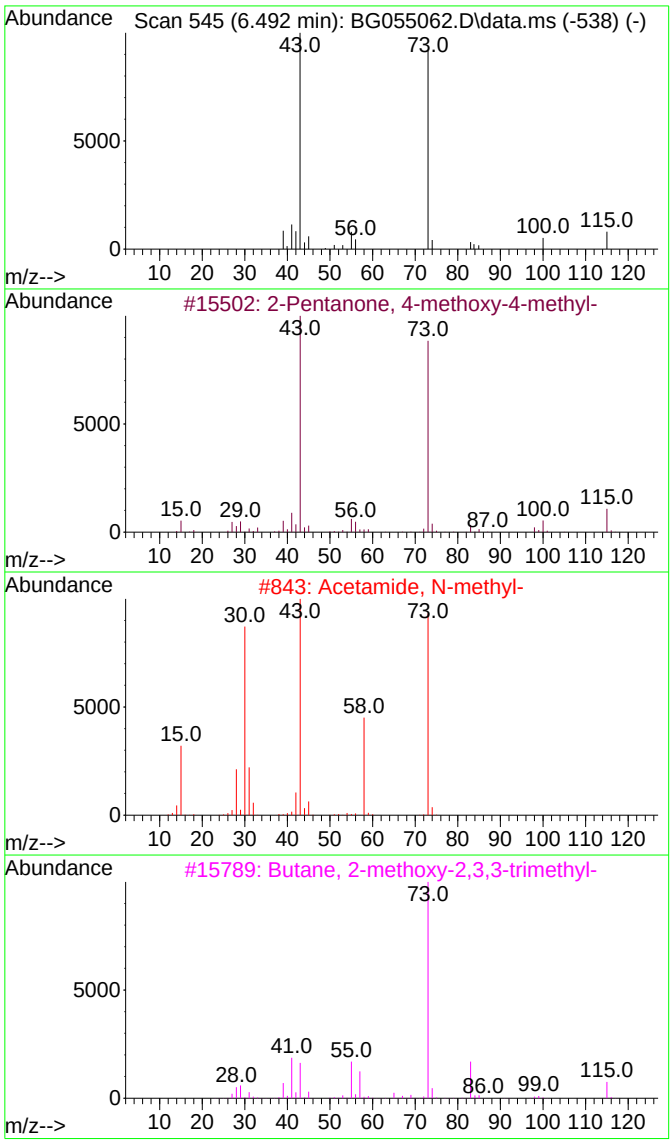
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

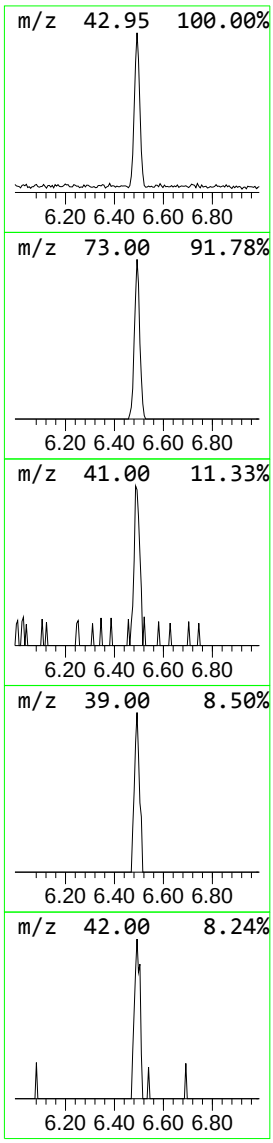
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.492	5.17 ng	40907	1,4-Dichlorobenzene-d4	8.343

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	47
3	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	23
4	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	23
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

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

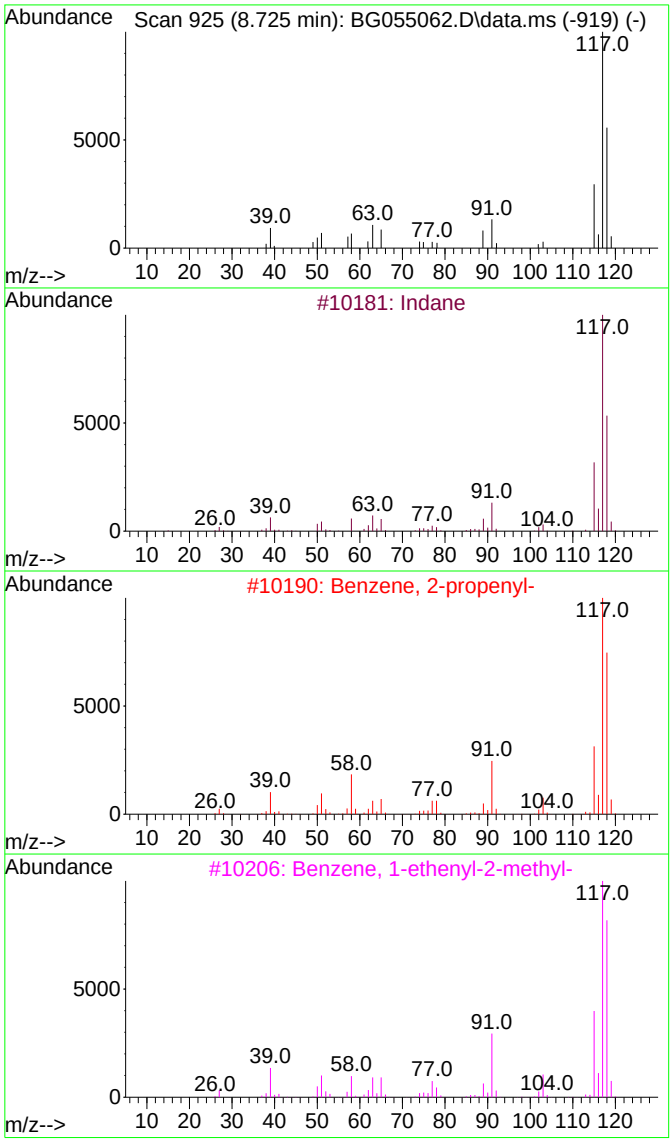
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

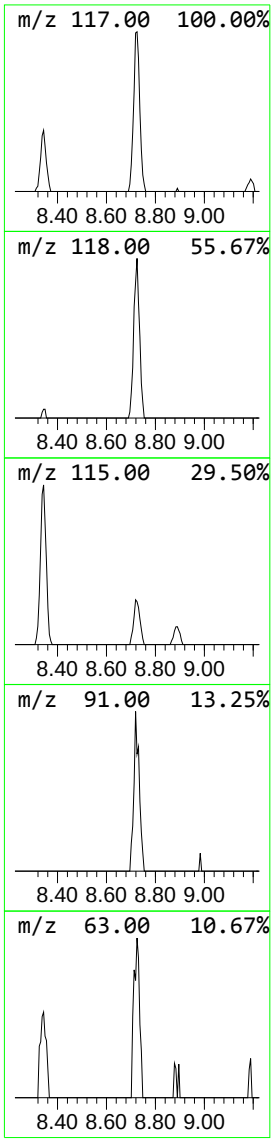
****

Peak Number 4 Indane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.725	5.20 ng	41156	1,4-Dichlorobenzene-d4	8.343

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

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

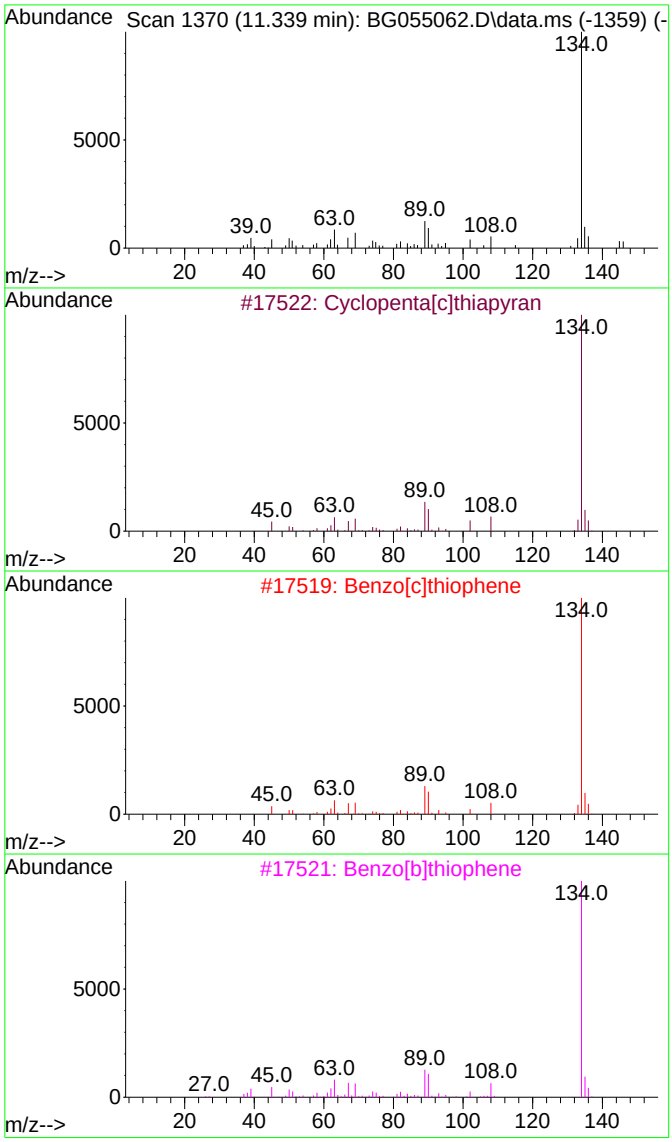
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

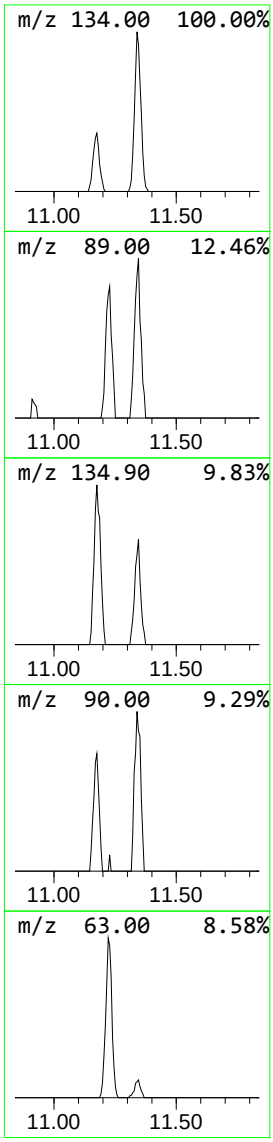
****

Peak Number 5 Cyclopenta[c]thiapyran Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.339	6.48 ng	76766	Naphthalene-d8	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	97
2	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
4	[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	72
5	Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

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

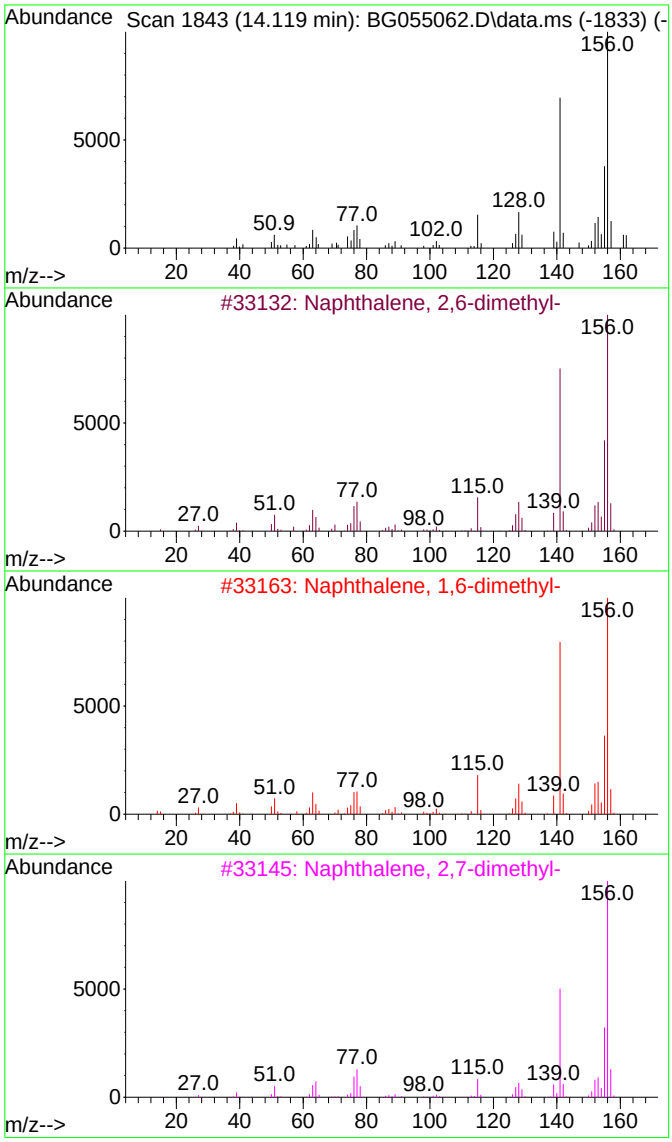
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

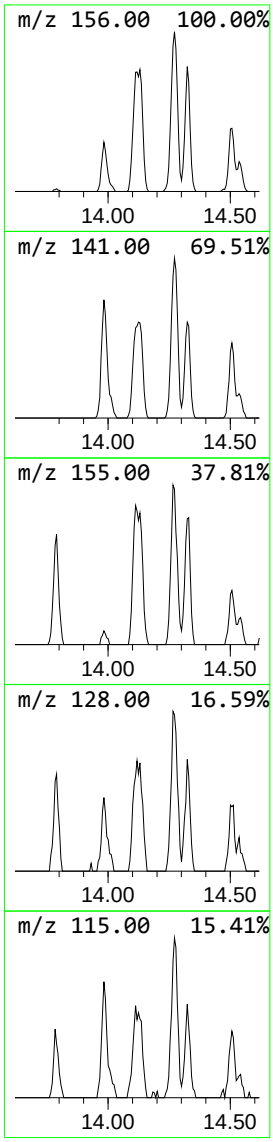
****

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.119	6.21 ng	114816	Acenaphthene-d10	14.947

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

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

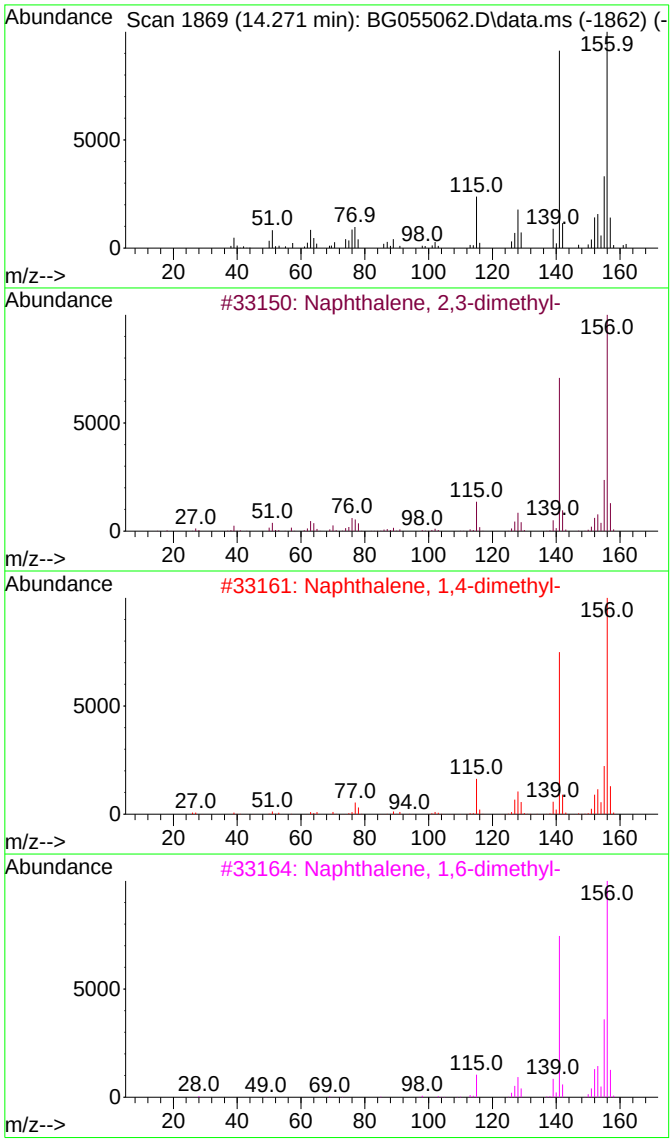
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

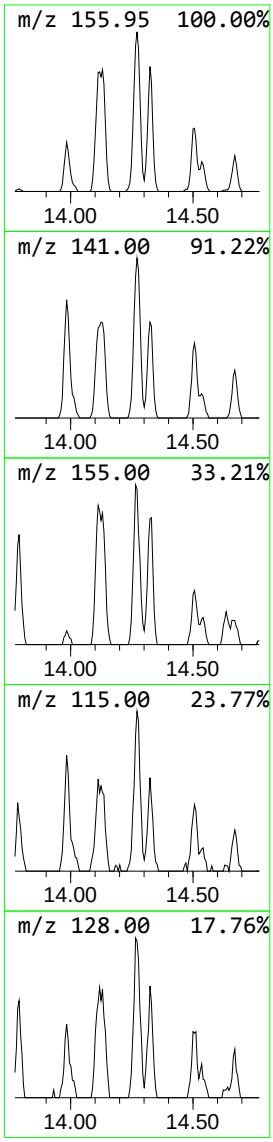
****

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.271	9.81 ng	181232	Acenaphthene-d10	14.947

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

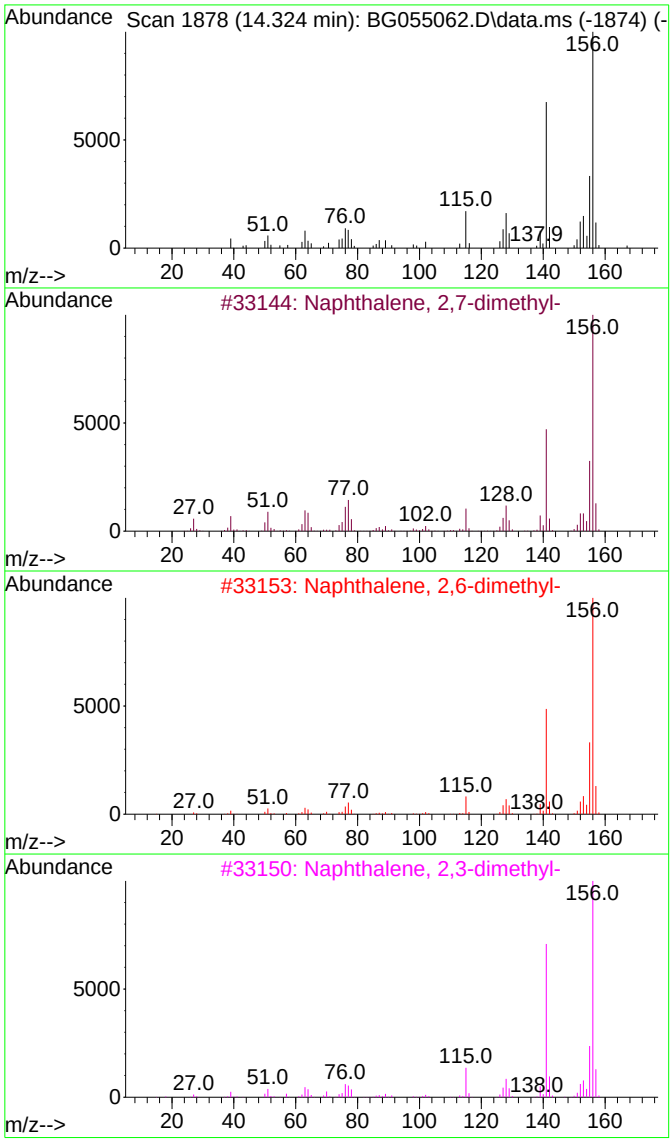
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

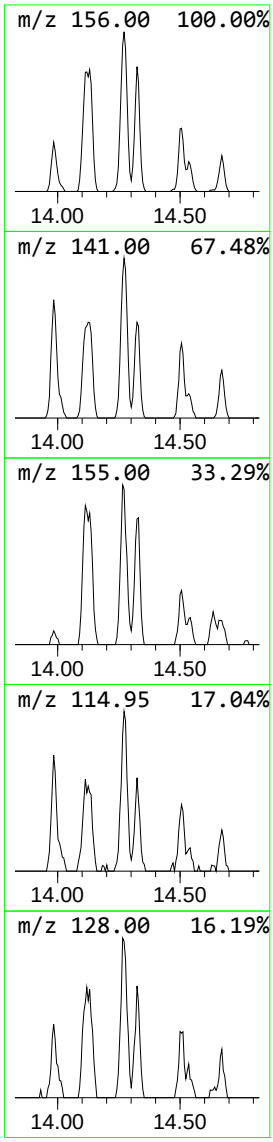
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.324	5.75 ng	106304	Acenaphthene-d10	14.947

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

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

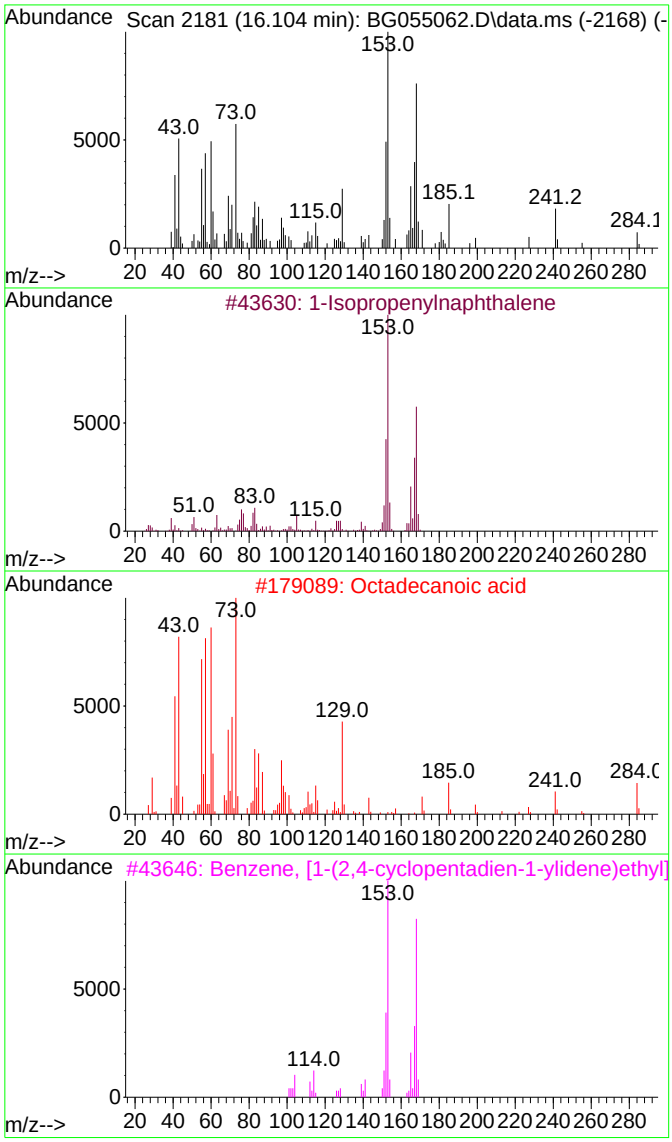
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

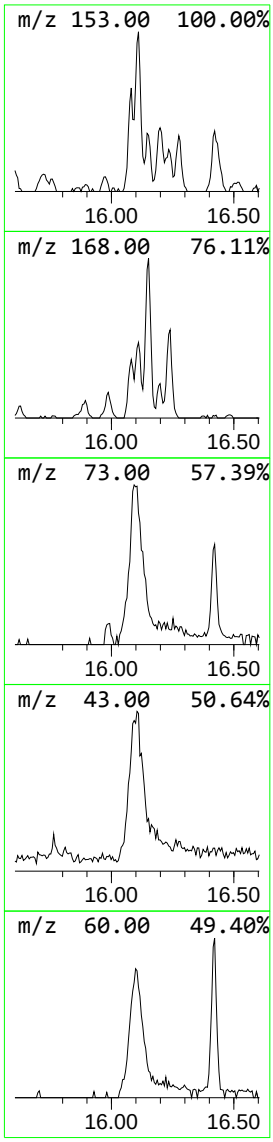
****

Peak Number 9 1-Isopropenylnaphthalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.105	16.49 ng	304726	Acenaphthene-d10	14.947

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	90
3	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	76
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

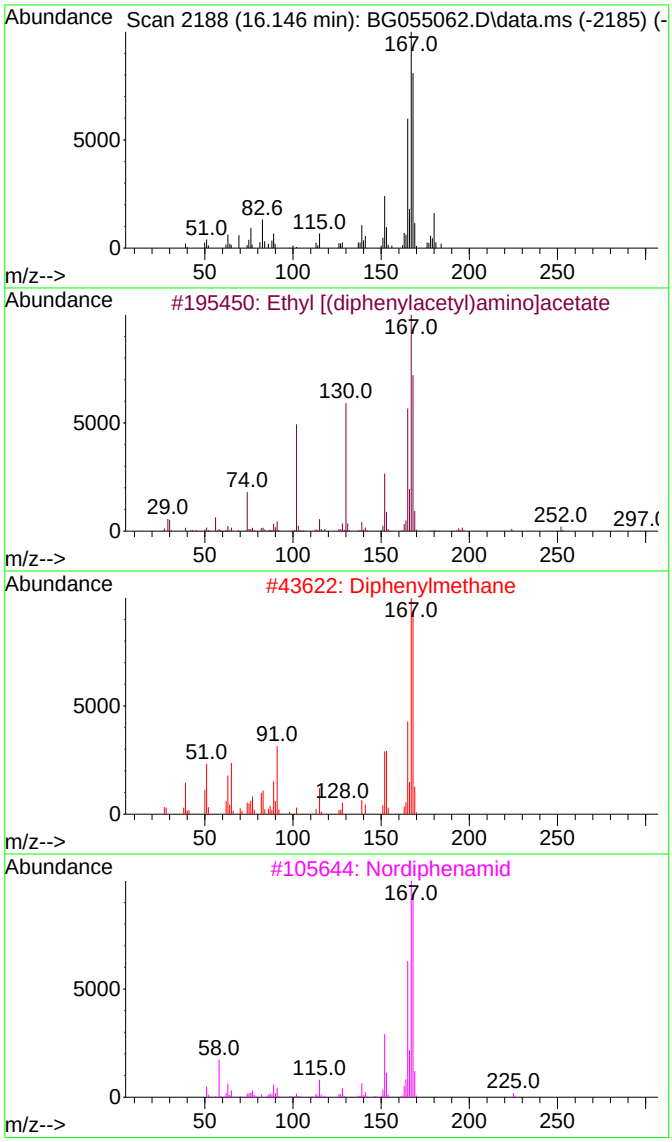
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

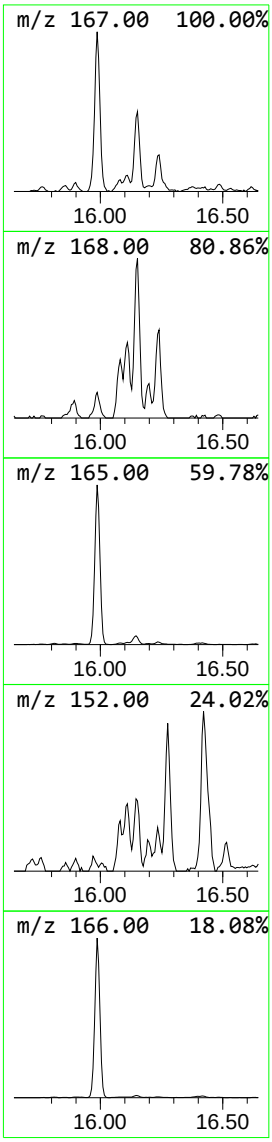
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Ethyl [(diphenylacetyl)amin... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.146	8.22 ng	151966	Acenaphthene-d10	14.947

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl [(diphenylacetyl)amino]ace...	297	C18H19NO3	006325-31-1	78
2	Diphenylmethane	168	C13H12	000101-81-5	76
3	Nordiphenamid	225	C15H15NO	000954-21-2	64
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	59
5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

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

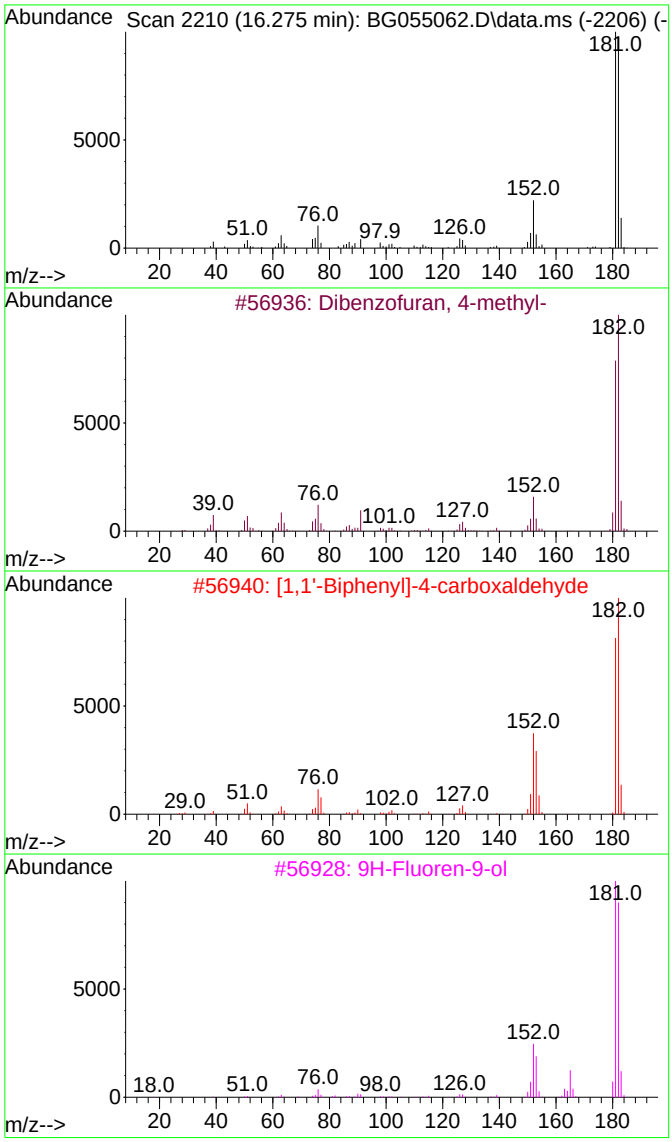
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

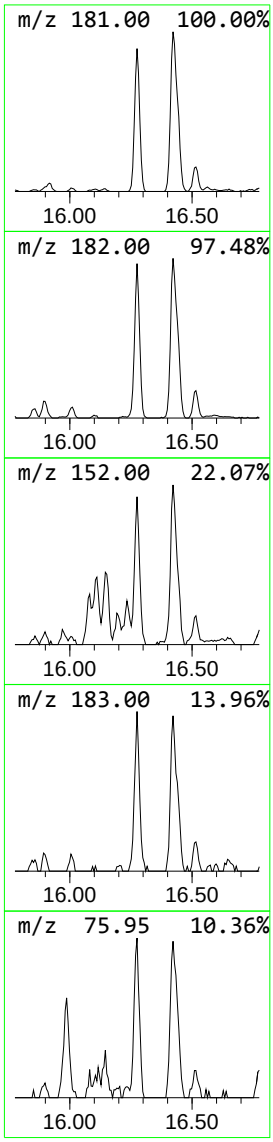
****

Peak Number 11 Dibenzofuran, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	11.71 ng	216302	Acenaphthene-d10	14.947

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

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

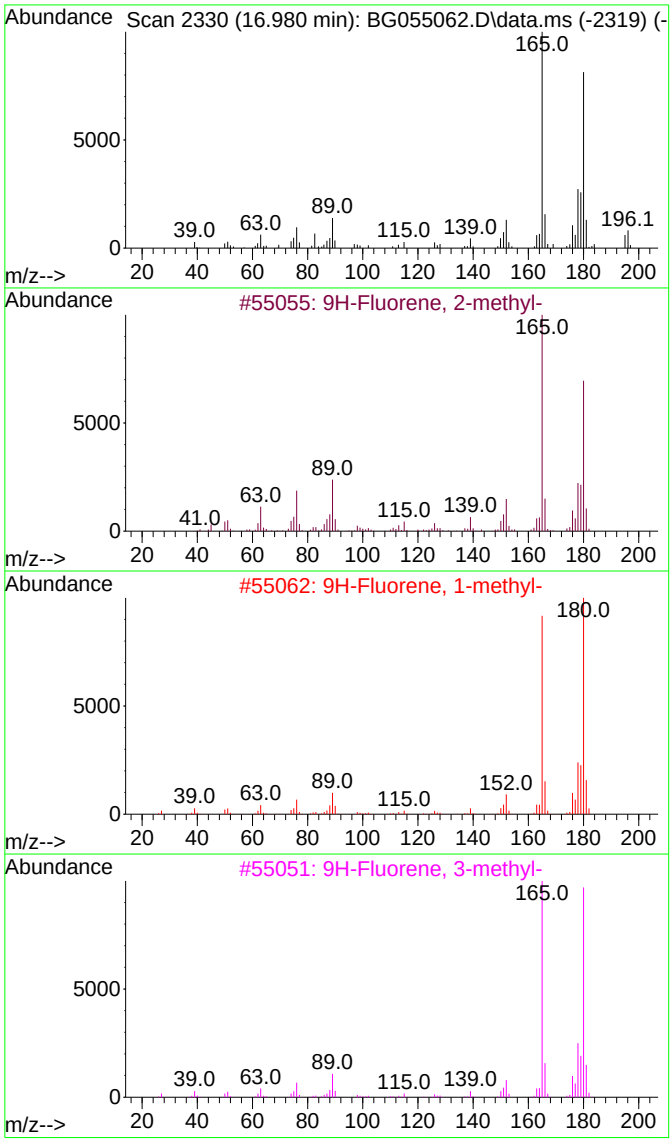
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

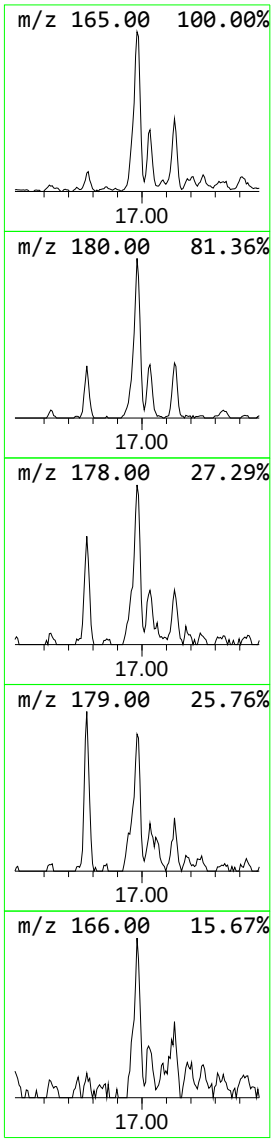
****

Peak Number 12 9H-Fluorene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.980	8.62 ng	207039	Phenanthrene-d10	17.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

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

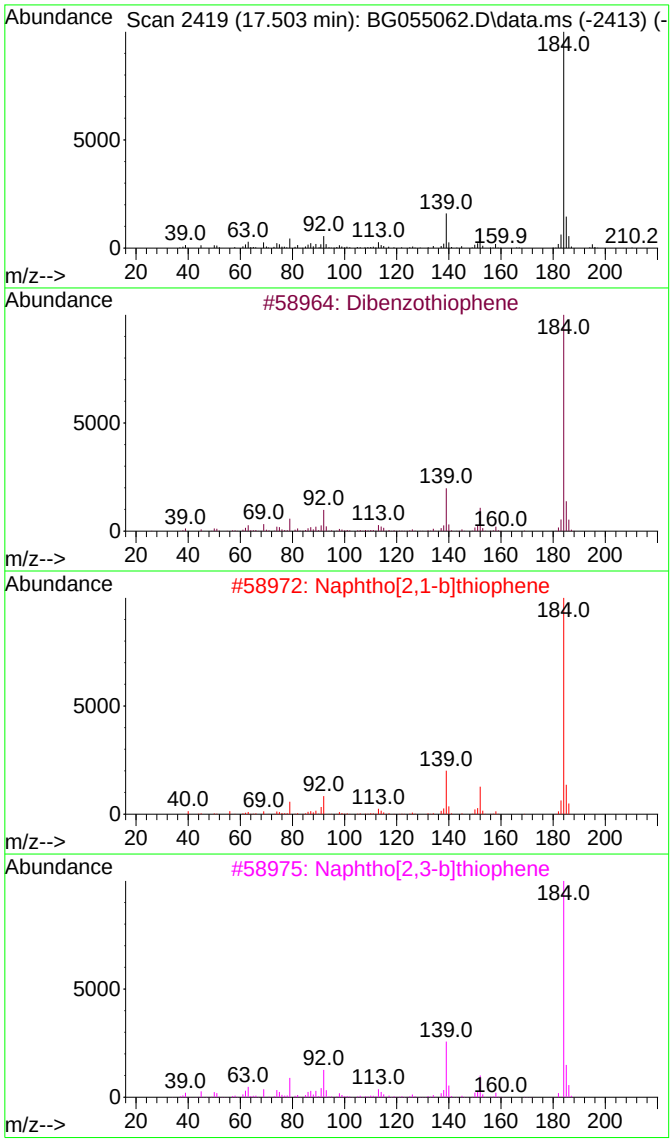
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

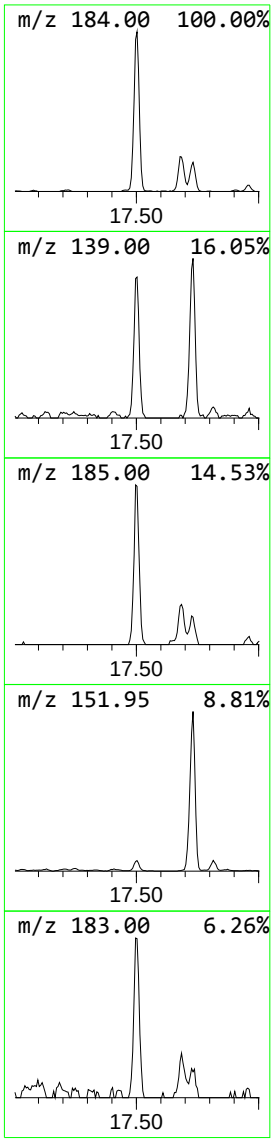
****

Peak Number 13 Naphtho[2,1-b]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.503	13.02 ng	312776	Phenanthrene-d10	17.685

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	95
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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

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

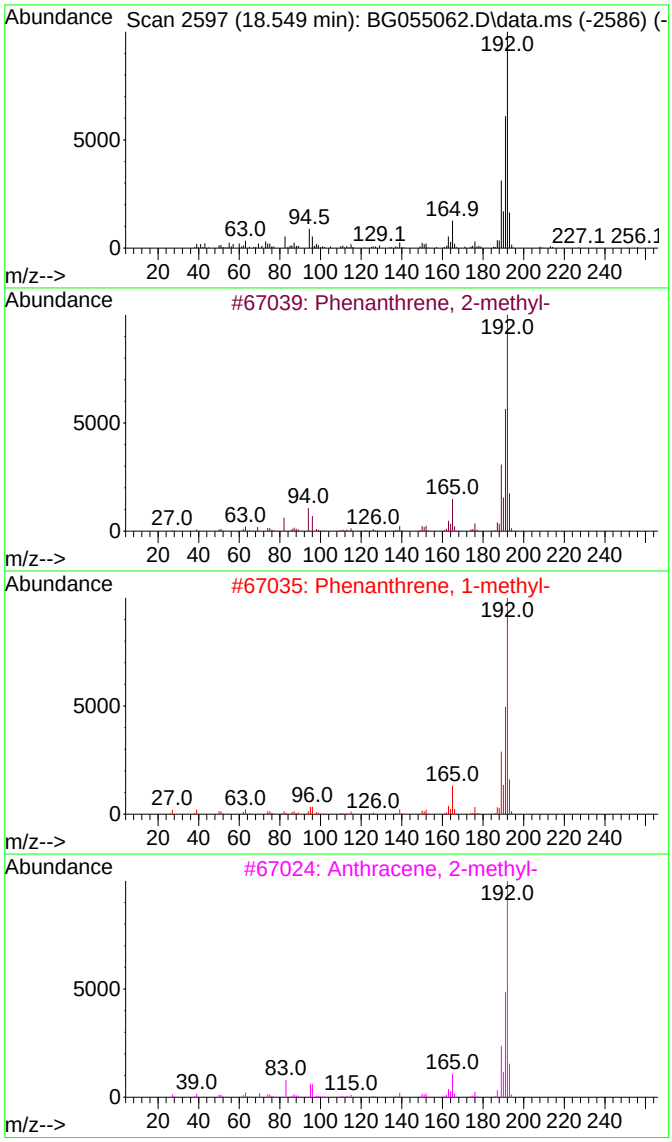
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

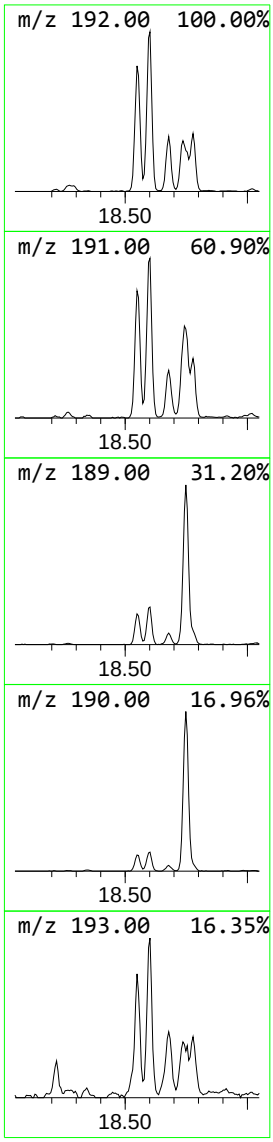
****

Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.549	15.29 ng	367310	Phenanthrene-d10	17.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

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

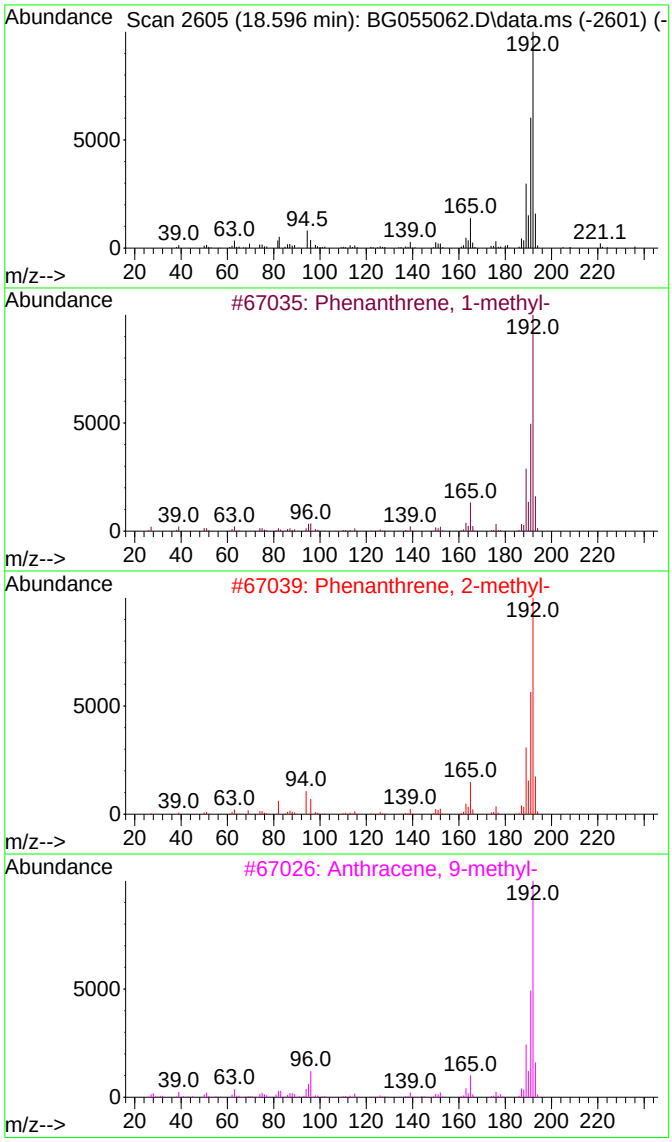
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

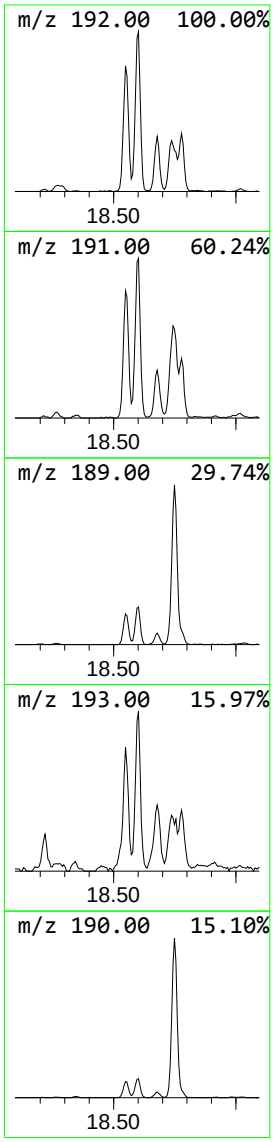
****

Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.596	15.00 ng	360330	Phenanthrene-d10	17.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

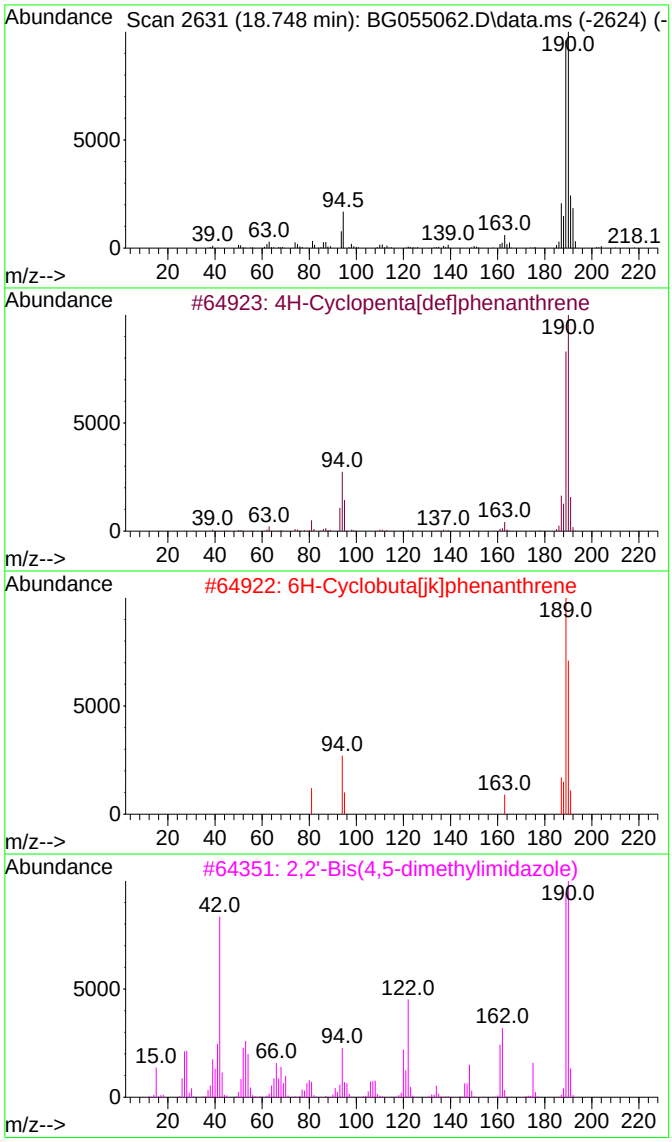
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

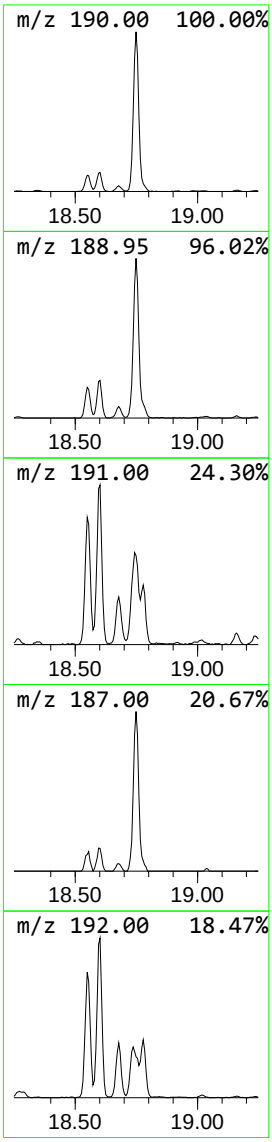
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.748	28.47 ng	683910	Phenanthrene-d10	17.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	78
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

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

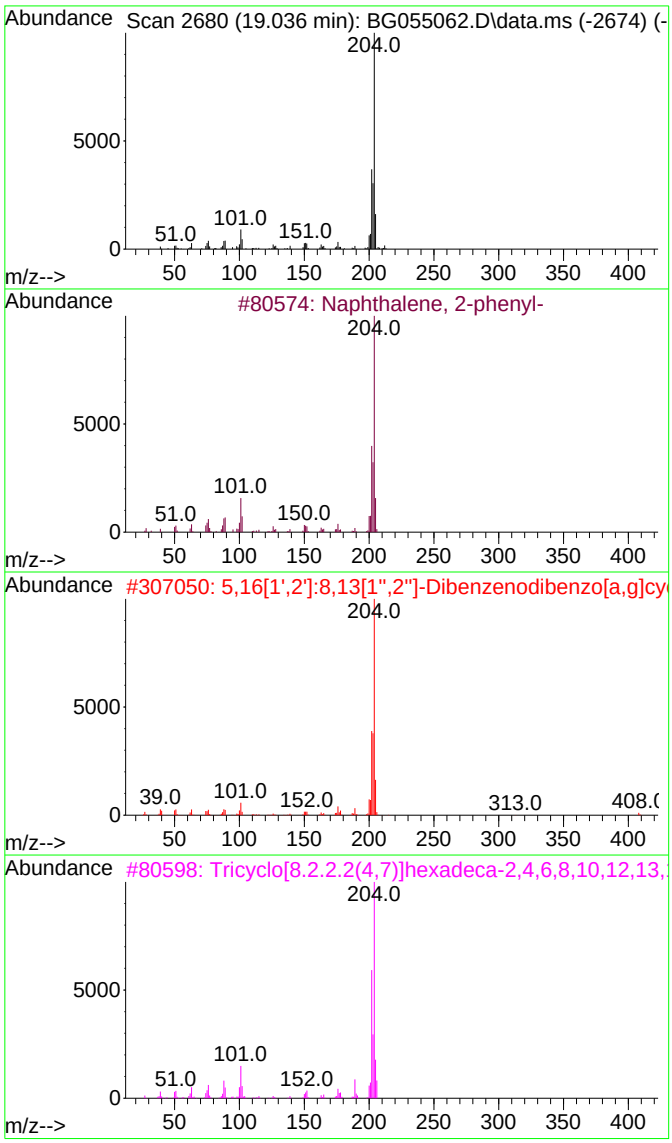
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

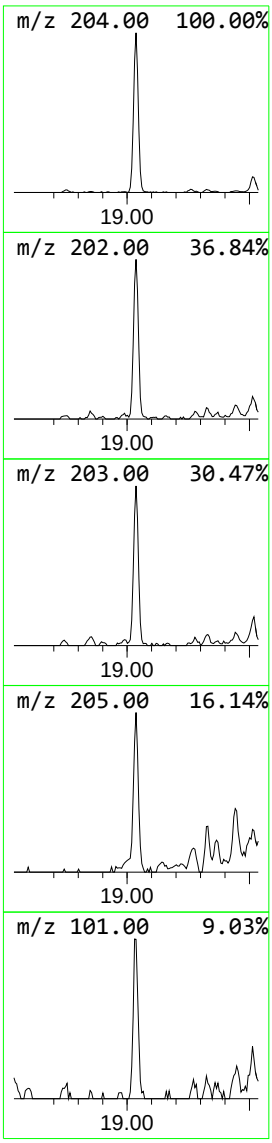
****

Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.036	7.81 ng	187599	Phenanthrene-d10	17.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

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

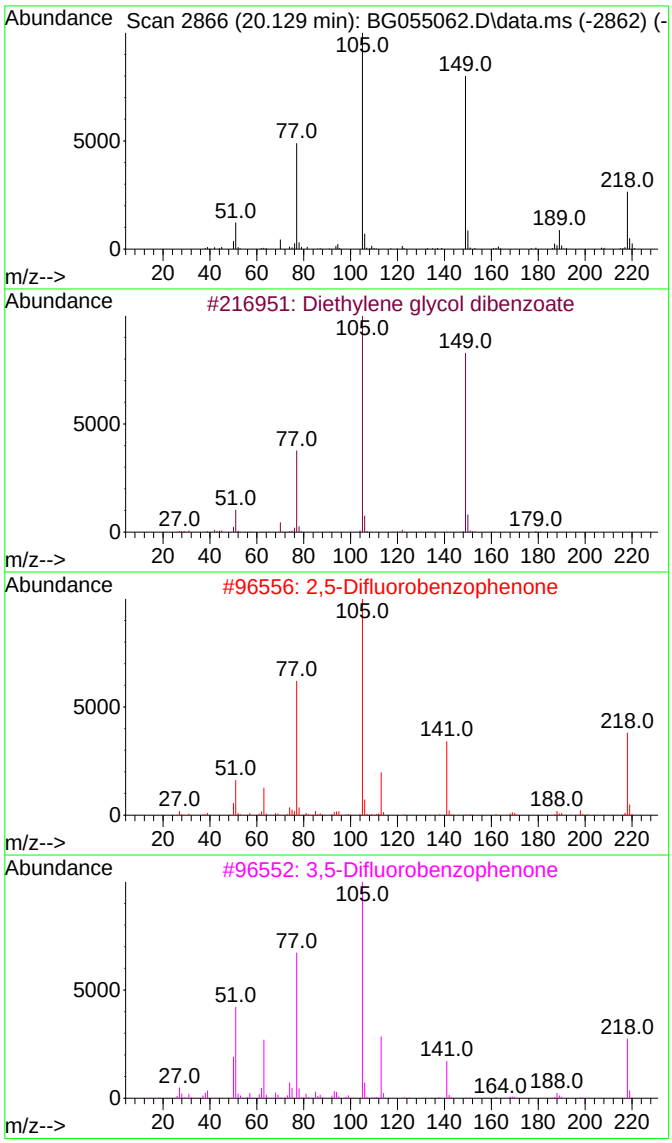
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

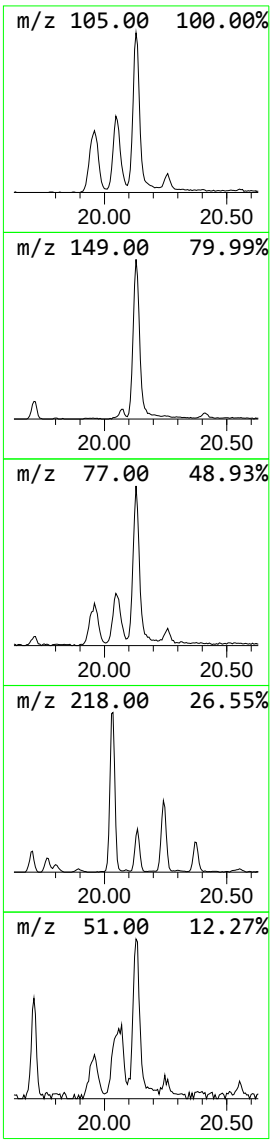
****

Peak Number 19 Diethylene glycol dibenzoate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.129	7.09 ng	366423	Chrysene-d12	21.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	72
2	2,5-Difluorobenzophenone	218	C13H8F2O	085068-36-6	45
3	3,5-Difluorobenzophenone	218	C13H8F2O	179113-89-4	38
4	N-(5-Pyrimidinyl)benzamide	199	C11H9N3O	103854-65-5	22
5	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

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

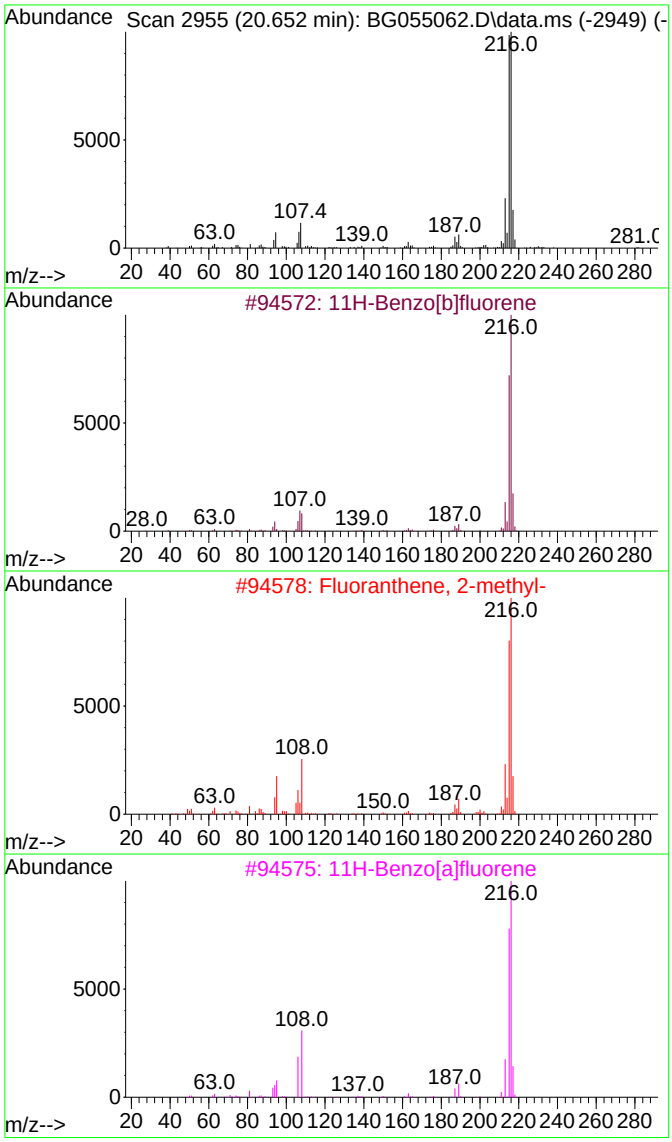
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

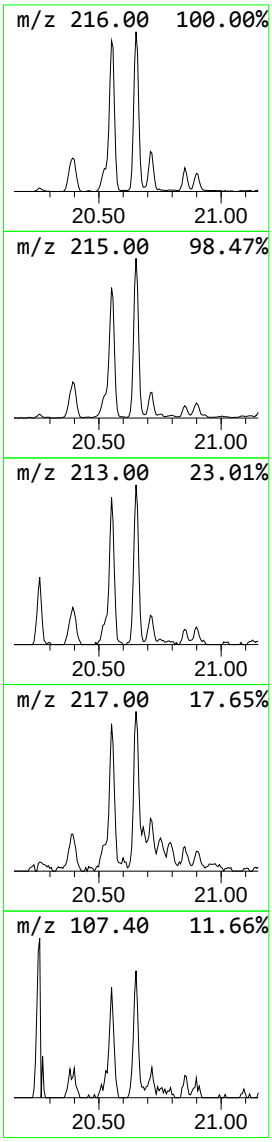
****

Peak Number 20 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.652	5.76 ng	298039	Chrysene-d12	21.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100422\
Data File : BG055062.D
Acq On : 4 Oct 2022 14:07
Operator : CG/JU
Sample : N4943-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-001-0930

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.378	47.7	ng	377745	1	8.343	158366	20.0
2-Pentanone, 4-...	5.388	76.6	ng	606244	1	8.343	158366	20.0
2-Pentanone, 4-...	6.492	5.2	ng	40907	1	8.343	158366	20.0
Indane	8.725	5.2	ng	41156	1	8.343	158366	20.0
Cyclopenta[c]th...	11.339	6.5	ng	76766	2	11.175	236857	20.0
Naphthalene, 2,...	14.119	6.2	ng	114816	3	14.947	369563	20.0
Naphthalene, 2,...	14.271	9.8	ng	181232	3	14.947	369563	20.0
Naphthalene, 2,...	14.324	5.8	ng	106304	3	14.947	369563	20.0
1-Isopropenylna...	16.105	16.5	ng	304726	3	14.947	369563	20.0
Ethyl [(dipheny...	16.146	8.2	ng	151966	3	14.947	369563	20.0
Dibenzofuran, 4...	16.275	11.7	ng	216302	3	14.947	369563	20.0
9H-Fluorene, 2-...	16.980	8.6	ng	207039	4	17.685	480455	20.0
Naphtho[2,1-b]t...	17.503	13.0	ng	312776	4	17.685	480455	20.0
Phenanthrene, 2...	18.549	15.3	ng	367310	4	17.685	480455	20.0
Phenanthrene, 1...	18.596	15.0	ng	360330	4	17.685	480455	20.0
4H-Cyclopenta[d...	18.748	28.5	ng	683910	4	17.685	480455	20.0
Naphthalene, 2-...	19.036	7.8	ng	187599	4	17.685	480455	20.0
Diethylene glyc...	20.129	7.1	ng	366423	5	21.980	1034270	20.0
11H-Benzo[b]flu...	20.652	5.8	ng	298039	5	21.980	1034270	20.0