LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062920\
Data File : BG045880.D
Acq On : 29 Jun 2020 17:36
Operator : CG/JU
Sample : L3129-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1445

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-BG061520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.513	405	413	426	rBV	393495	691719	17.40%	2.081%
2	7.128	681	688	700	rBV	397100	737187	18.54%	2.218%
3	7.909	814	821	829	rBV	175939	310195	7.80%	0.933%
4	7.992	829	835	844	rVV4	19120	42106	1.06%	0.127%
5	8.238	868	877	887	rBV	553558	970059	24.40%	2.918%
6	9.078	1012	1020	1031	rBV	440027	821242	20.66%	2.471%
7	10.717	1291	1299	1307	rBV	235640	441411	11.10%	1.328%
8	13.185	1710	1719	1728	rBV	1431220	2263451	56.94%	6.809%
9	13.813	1820	1826	1835	rBV8	22169	56747	1.43%	0.171%
10	13.907	1835	1842	1848	rVB3	44370	82740	2.08%	0.249%
11	14.013	1854	1860	1865	rBV	134604	203343	5.12%	0.612%
12	14.377	1917	1922	1928	rBV5	45346	103826	2.61%	0.312%
13	14.512	1938	1945	1948	rBV4	38888	75454	1.90%	0.227%
14	14.565	1948	1954	1959	rVV2	374293	629863	15.84%	1.895%
15	14.600	1959	1960	1971	rVB8	36816	62729	1.58%	0.189%
16	14.694	1971	1976	1982	rBV5	24160	47045	1.18%	0.142%
17	14.923	2010	2015	2023	rBV6	20181	40682	1.02%	0.122%
18	15.176	2050	2058	2061	rBV8	29056	63263	1.59%	0.190%
19	15.352	2083	2088	2092	rBV4	36241	69566	1.75%	0.209%
20	15.440	2100	2103	2106	rBV2	40841	59953	1.51%	0.180%
21	15.470	2106	2108	2115	rVB2	73308	106073	2.67%	0.319%
22	15.564	2119	2124	2131	rBV	57156	87789	2.21%	0.264%
23	15.734	2148	2153	2158	rBV	67177	109669	2.76%	0.330%
24	15.875	2173	2177	2185	rBV	60174	90901	2.29%	0.273%
25	16.063	2202	2209	2217	rBV	952388	1486745	37.40%	4.473%
26	16.204	2229	2233	2242	rBV9	27351	53474	1.35%	0.161%
27	16.286	2242	2247	2252	rVV4	171431	305784	7.69%	0.920%
28	16.333	2252	2255	2262	rVV2	108175	163645	4.12%	0.492%
29	16.421	2265	2270	2280	rVB	106319	170959	4.30%	0.514%
30	16.586	2294	2298	2303	rBV	120102	167275	4.21%	0.503%
31	16.715	2316	2320	2326	rVB	125654	178793	4.50%	0.538%
32	17.073	2376	2381	2385	rBV4	86667	182670	4.59%	0.550%
33	17.120	2385	2389	2396	rVB3	175087	286314	7.20%	0.861%
34	17.209	2401	2404	2411	rBV	68421	111112	2.79%	0.334%

LSC Area Percent Report

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Data File : BG045880.D
Acq On : 29 Jun 2020 17:36
Operator : CG/JU
Sample : L3129-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1445

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-BG061520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.314	2416	2422	2428	rBV	496987	746283	18.77%	2.245%
36	17.373	2428	2432	2442	rBV2	79933	135922	3.42%	0.409%
37	17.496	2448	2453	2456	rBV	212904	323523	8.14%	0.973%
38	17.526	2456	2458	2464	rVB	117645	152511	3.84%	0.459%
39	17.620	2469	2474	2480	rVV2	124298	187793	4.72%	0.565%
40	17.796	2499	2504	2512	rBV4	95249	190120	4.78%	0.572%
41	17.949	2527	2530	2535	rBV3	52876	68753	1.73%	0.207%
42	18.096	2552	2555	2560	rBV6	46367	85165	2.14%	0.256%
43	18.184	2564	2570	2574	rBV3	231809	446496	11.23%	1.343%
44	18.231	2574	2578	2585	rVB2	207557	325716	8.19%	0.980%
45	18.325	2589	2594	2598	rBV	200128	299913	7.54%	0.902%
46	18.501	2620	2624	2630	rBV3	179172	298447	7.51%	0.898%
47	18.642	2645	2648	2656	rBV4	106724	231810	5.83%	0.697%
48	18.759	2664	2668	2672	rBV3	110100	204931	5.15%	0.617%
49	18.883	2686	2689	2692	rVB2	97579	109873	2.76%	0.331%
50	18.971	2700	2704	2707	rBV	253288	339438	8.54%	1.021%
51	19.141	2729	2733	2737	rBV	218242	332590	8.37%	1.001%
52	19.253	2749	2752	2756	rBV	294370	492109	12.38%	1.480%
53	19.365	2766	2771	2776	rBV2	347591	647786	16.29%	1.949%
54	19.799	2841	2845	2849	rVB2	388031	603718	15.19%	1.816%
55	19.840	2849	2852	2857	rVB2	398097	454624	11.44%	1.368%
56	19.934	2862	2868	2874	rVB	2731242	3975412	100.00%	11.960%
57	20.069	2889	2891	2895	rBV	191107	214391	5.39%	0.645%
58	20.199	2910	2913	2917	rBV	262196	351128	8.83%	1.056%
59	20.293	2926	2929	2931	rBV2	259364	338204	8.51%	1.017%
60	20.434	2949	2953	2958	rBV3	330898	506412	12.74%	1.524%
61	20.674	2991	2994	2997	rBV2	287719	407826	10.26%	1.227%
62	20.704	2997	2999	3003	rVB	327261	346060	8.71%	1.041%
63	20.774	3008	3011	3017	rVB2	383242	525280	13.21%	1.580%
64	21.139	3071	3073	3078	rVB	477890	681028	17.13%	2.049%
65	21.186	3078	3081	3086	rBV	461139	703136	17.69%	2.115%
66	21.268	3093	3095	3105	rVB2	534932	845885	21.28%	2.545%
67	21.573	3143	3147	3153	rBV2	636944	1079104	27.14%	3.246%
68	22.090	3232	3235	3239	rVV	261701	340609	8.57%	1.025%
69	22.131	3240	3242	3250	rVB4	366535	602397	15.15%	1.812%
70	22.678	3330	3335	3341	rVV	397778	829857	20.87%	2.497%
71	22.742	3343	3346	3352	rVB	349564	586458	14.75%	1.764%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062920\
Data File : BG045880.D
Acq On : 29 Jun 2020 17:36
Operator : CG/JU
Sample : L3129-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1445

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-BG061520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	22.860	3363	3366	3377	rVB2	332015	656330	16.51%	1.975%
73	23.089	3401	3405	3415	rVB2	283727	591648	14.88%	1.780%
74	24.005	3557	3561	3567	rVB	192024	343395	8.64%	1.033%
75	24.716	3675	3682	3690	rBV3	308268	832899	20.95%	2.506%
76	25.168	3754	3759	3772	rVB3	184268	531261	13.36%	1.598%

Sum of corrected areas: 33240025

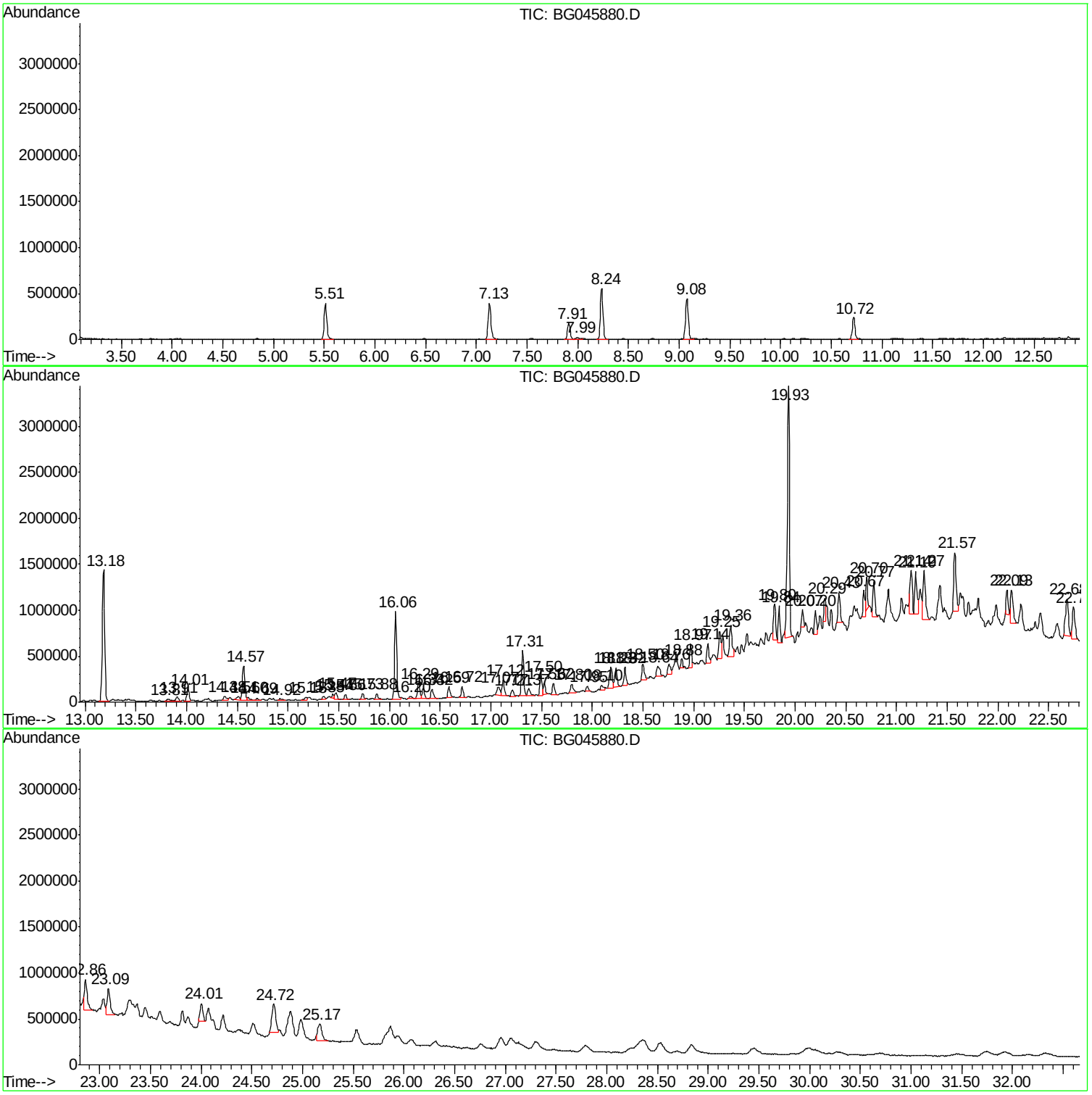
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062920\
Data File : BG045880.D
Acq On : 29 Jun 2020 17:36
Operator : CG/JU
Sample : L3129-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1445

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062920\
Data File : BG045880.D
Acq On : 29 Jun 2020 17:36
Operator : CG/JU
Sample : L3129-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1445

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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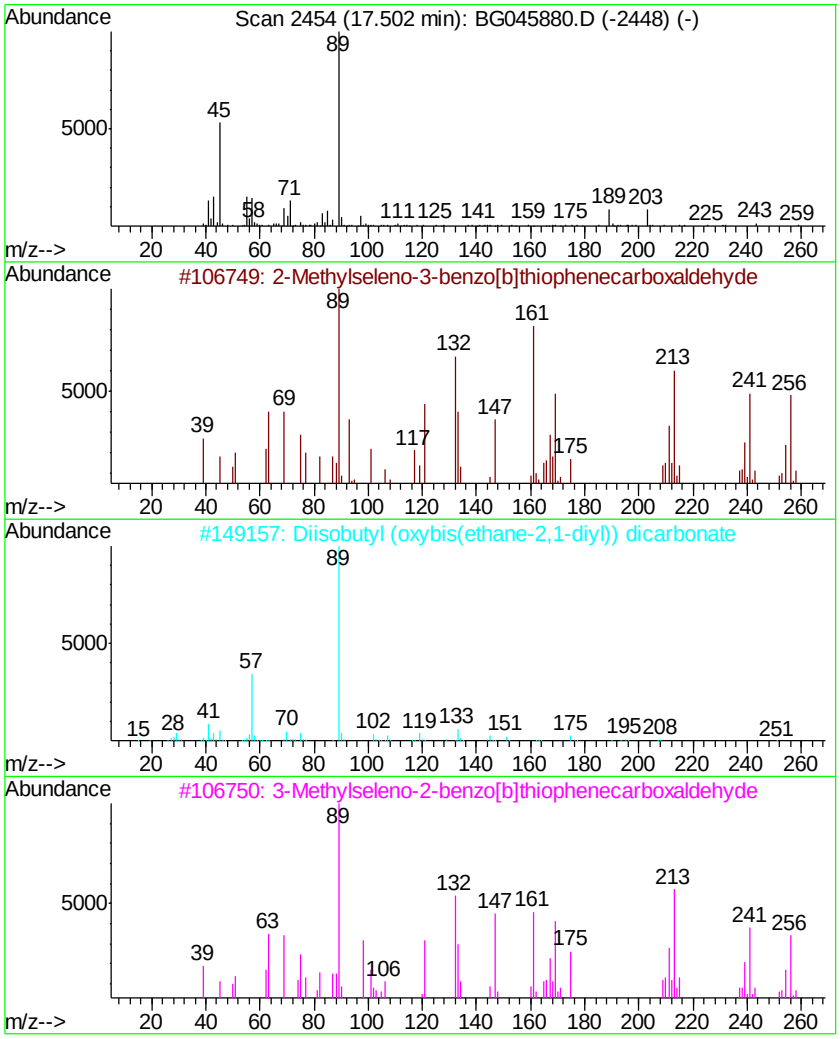
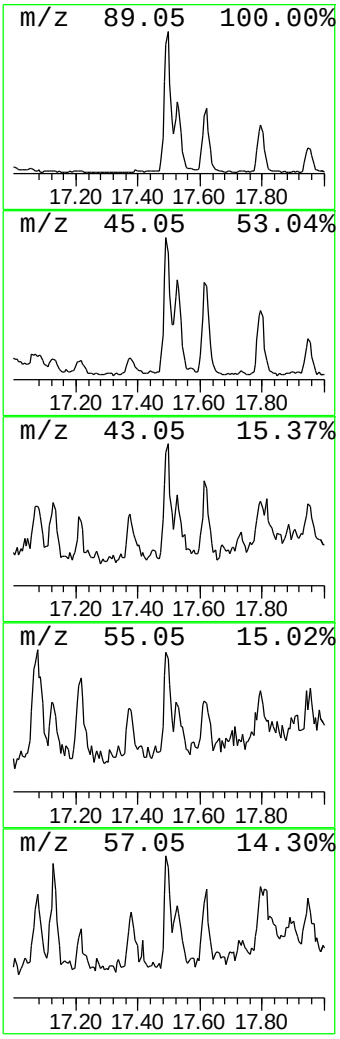
Peak Number 2 unknown17.50 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	8.67 ng	323523	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylseleno-3-benzo[b]thiophe...	256	C10H8OSSe	039857-07-3	45
2	Diisobutyl (oxybis(ethane-2,1-di...	306	C14H26O7	1000378-30-5	39
3	3-Methylseleno-2-benzo[b]thiophe...	256	C10H8OSSe	039857-04-0	38
4	Silane, [(5-methoxypentyl)oxy]tr...	190	C9H22O2Si	054767-36-1	9
5	Diethylthioacetal of aldehyde de...	394	C23H38O3S	1000256-11-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062920\
Data File : BG045880.D
Acq On : 29 Jun 2020 17:36
Operator : CG/JU
Sample : L3129-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1445

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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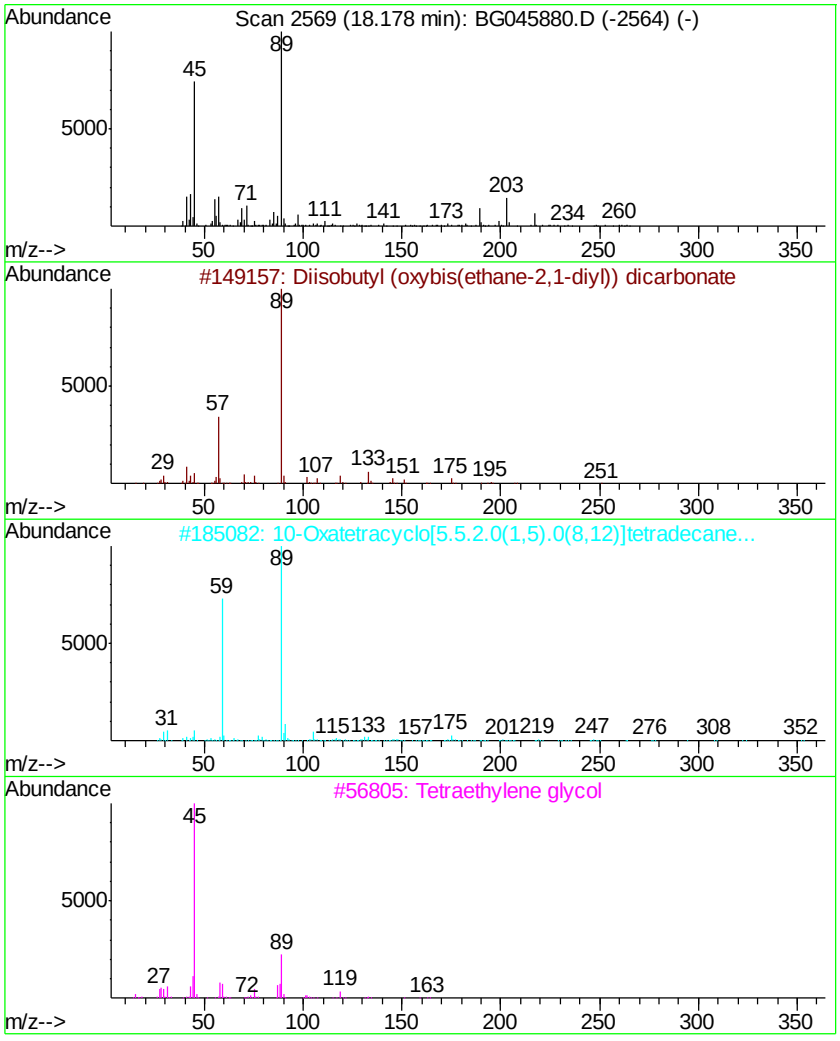
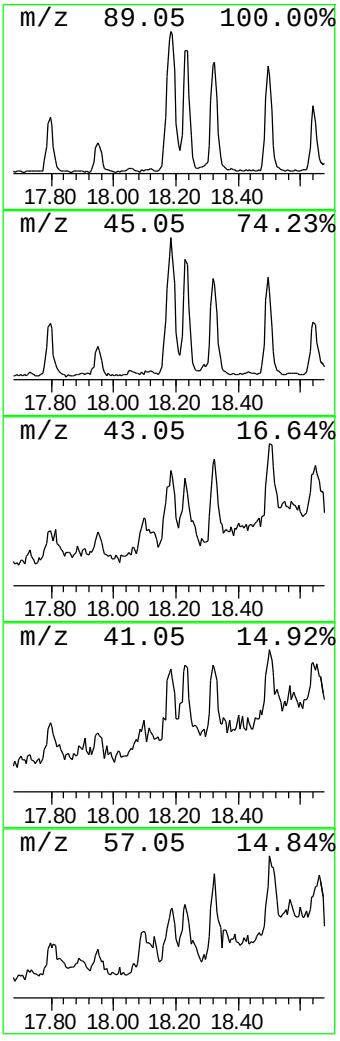
Peak Number 3 unknown18.18 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	11.97 ng	446496	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisobutyl (oxybis(ethane-2,1-di...	306	C14H26O7	1000378-30-5	36
2	10-Oxatetracyclo[5.5.2.0(1,5).0(...	352	C18H24O7	1000154-01-5	9
3	Tetraethylene glycol	194	C8H18O5	000112-60-7	9
4	2,4-Pentanediol	104	C5H12O2	000625-69-4	9
5	Triethylene glycol	150	C6H14O4	000112-27-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062920\
Data File : BG045880.D
Acq On : 29 Jun 2020 17:36
Operator : CG/JU
Sample : L3129-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1445

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

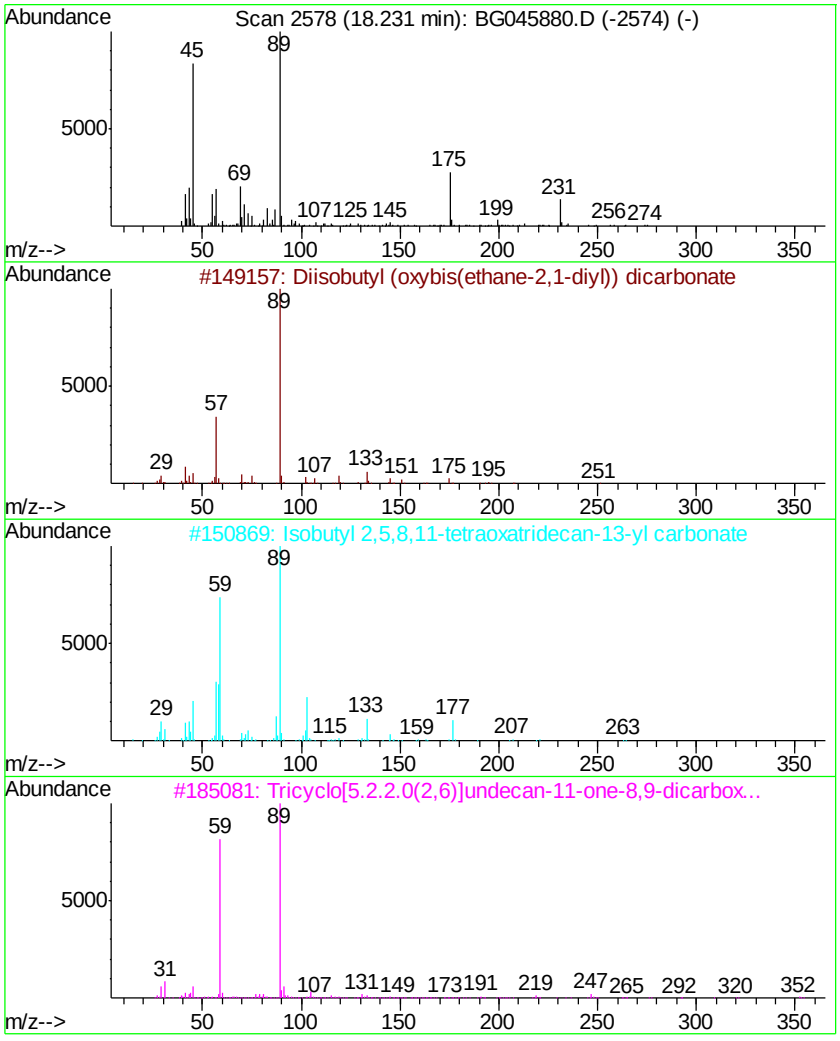
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

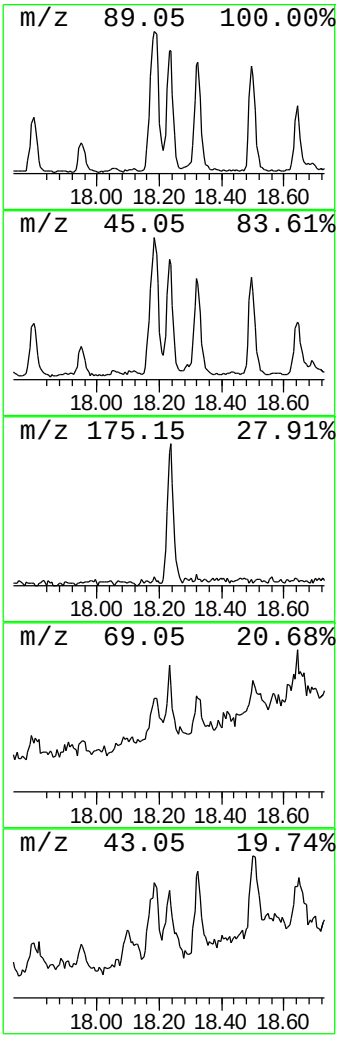
****

Peak Number 4 unknown18.23 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	8.73 ng	325716	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisobutyl (oxybis(ethane-2,1-di...	306	C14H26O7	1000378-30-5	36
2	Isobutyl 2,5,8,11-tetraoxatridec...	308	C14H28O7	1000378-27-9	36
3	Tricyclo[5.2.2.0(2,6)]undecan-11...	352	C18H24O7	1000155-17-7	36
4	Methyl cis-3-chloropropenoate	120	C4H5ClO2	1000144-78-7	36
5	3-Hydroxydecanoic acid	188	C10H20O3	033044-91-6	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062920\
Data File : BG045880.D
Acq On : 29 Jun 2020 17:36
Operator : CG/JU
Sample : L3129-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1445

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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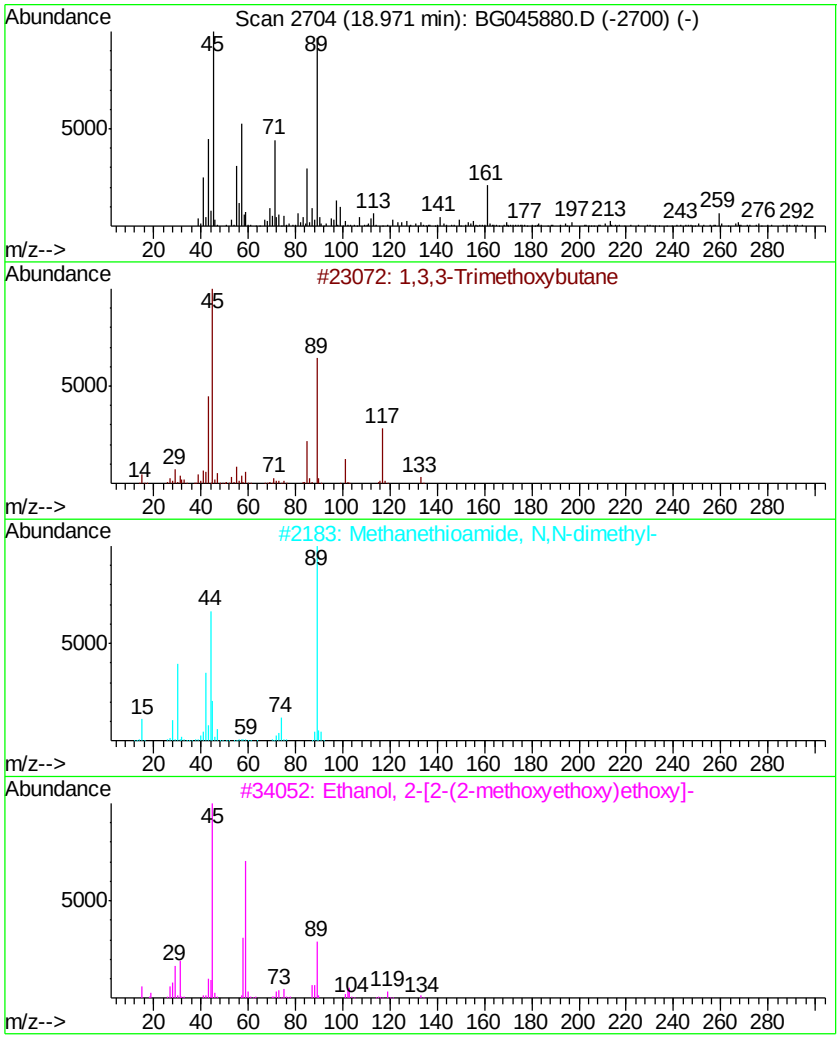
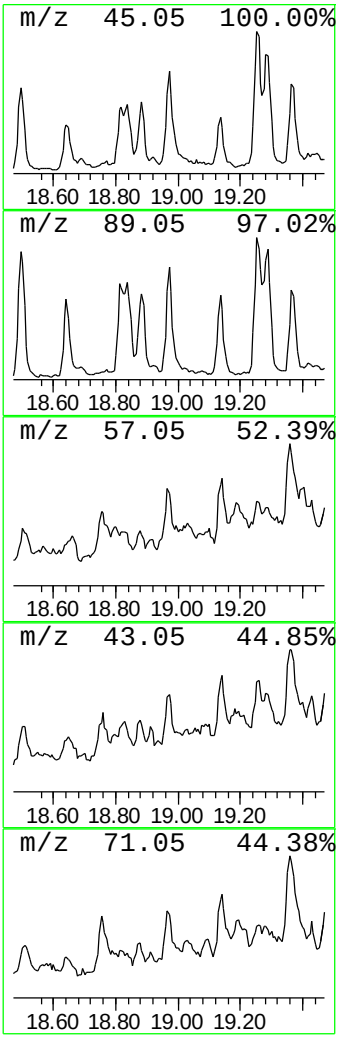
Peak Number 5 1,3,3-Trimethoxybutane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	9.10 ng	339438	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,3-Trimethoxybutane	148	C7H16O3	006607-66-5	64
2	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	50
3	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	50
4	Decanoic acid, 2-hydroxy-	188	C10H20O3	005393-81-7	42
5	Methyl cis-3-chloropropenoate	120	C4H5ClO2	1000144-78-7	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062920\
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Operator : CG/JU
Sample : L3129-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1445

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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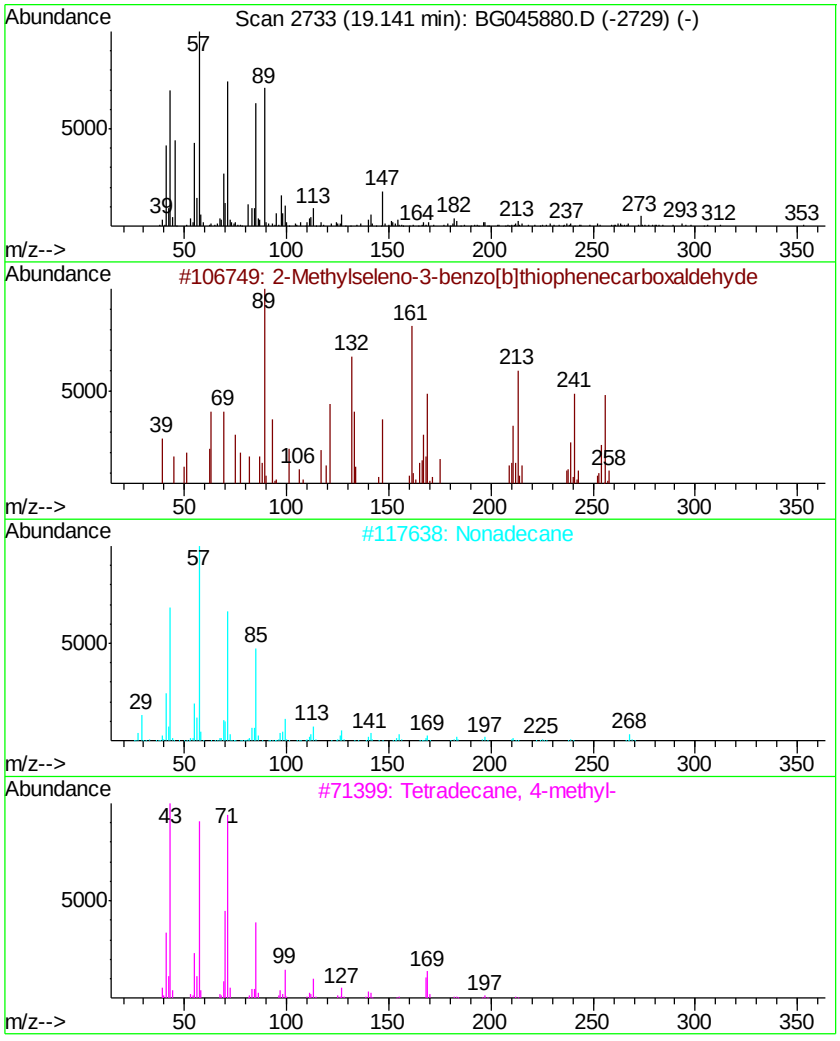
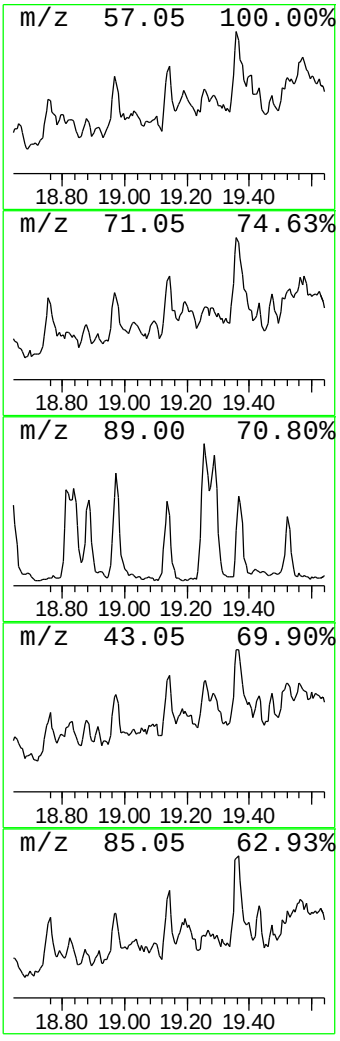
Peak Number 6 2-Methylseleno-3-benzo[b]th... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	8.91 ng	332590	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylseleno-3-benzo[b]thiophe...	256	C10H8OSSe	039857-07-3	59
2	Nonadecane	268	C19H40	000629-92-5	53
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	50
4	Heptadecane	240	C17H36	000629-78-7	49
5	Tetradecane	198	C14H30	000629-59-4	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062920\
Data File : BG045880.D
Acq On : 29 Jun 2020 17:36
Operator : CG/JU
Sample : L3129-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1445

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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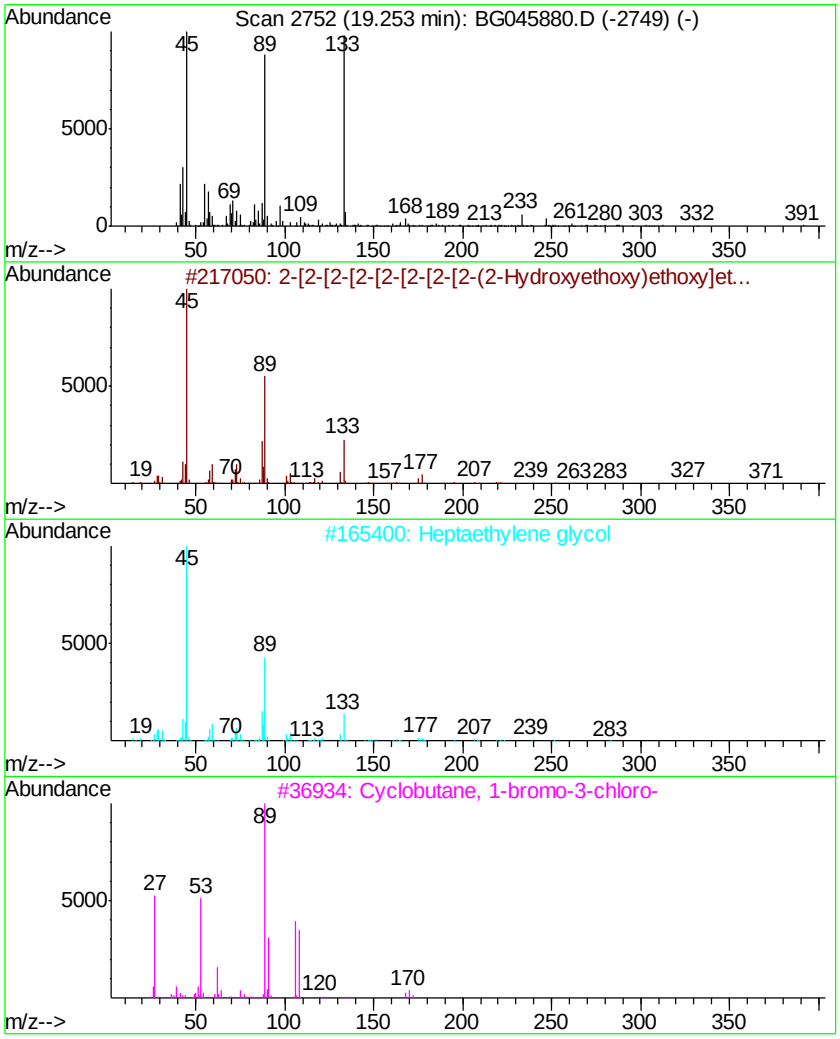
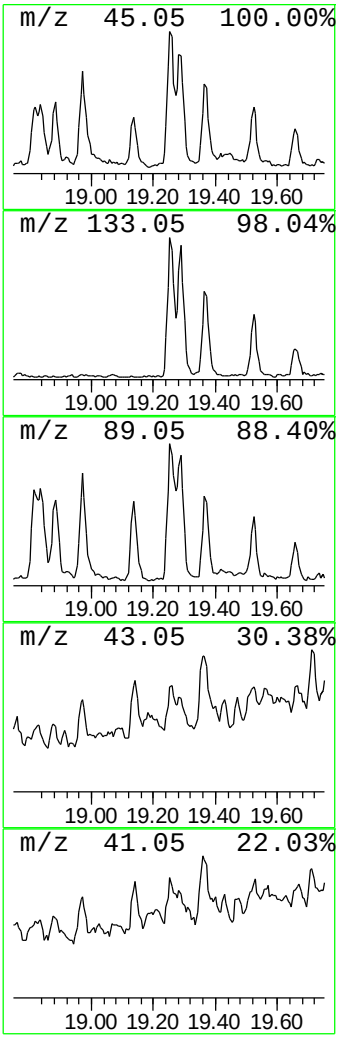
Peak Number 7 2-[2-[2-[2-[2-[2-[2-[2-(2-H... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	13.19 ng	492109	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	64
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	64
3	Cyclobutane, 1-bromo-3-chloro-	168	C4H6BrCl	004935-03-9	47
4	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	47
5	Acetaldehyde, tetramer	176	C8H16O4	000108-62-3	45





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Acq On : 29 Jun 2020 17:36
Operator : CG/JU
Sample : L3129-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1445

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

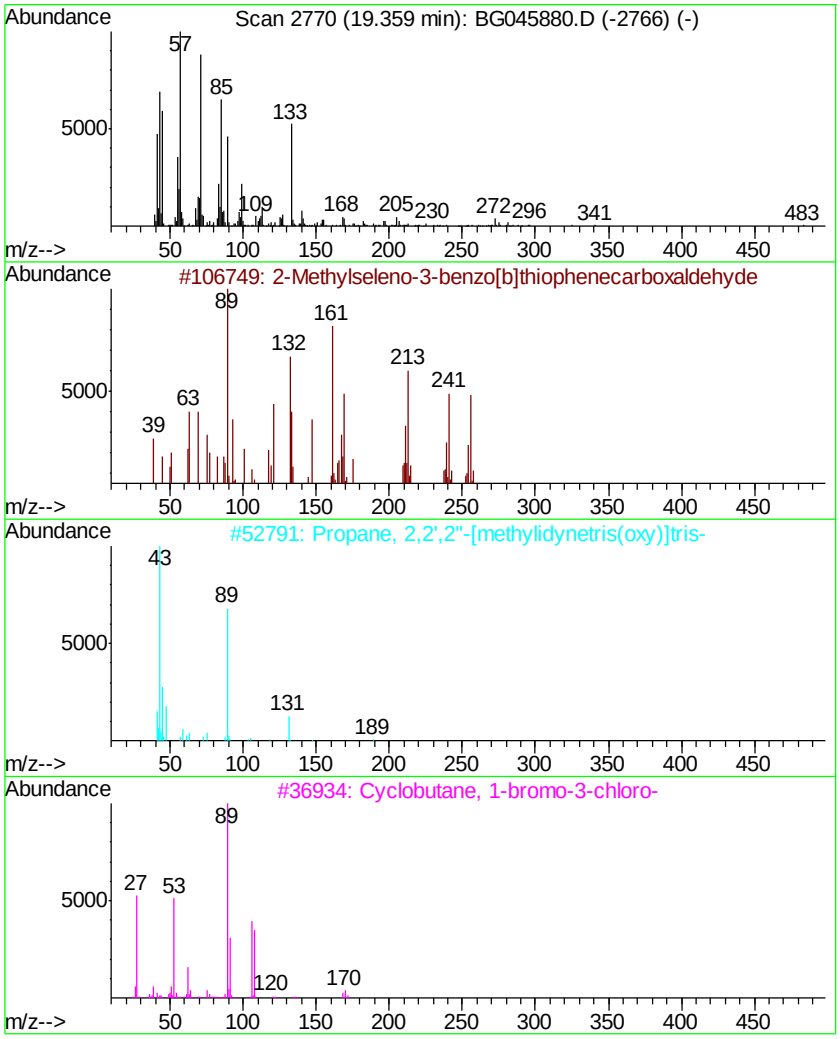
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

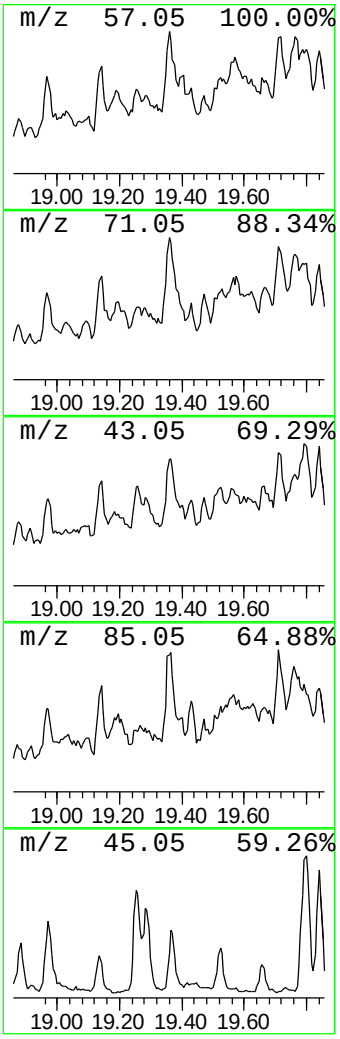
****

Peak Number 8 unknown19.36 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	17.36 ng	647786	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylseleno-3-benzo[b]thiophe...	256	C10H8OSSe	039857-07-3	50
2	Propane, 2,2',2''-[methylidynetr...	190	C10H22O3	004447-60-3	38
3	Cyclobutane, 1-bromo-3-chloro-	168	C4H6BrCl	004935-03-9	35
4	Thiopropionamide	89	C3H7NS	000631-58-3	35
5	Heneicosane	296	C21H44	000629-94-7	15





Library Search Compound Report

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Data File : BG045880.D
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Operator : CG/JU
Sample : L3129-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1445

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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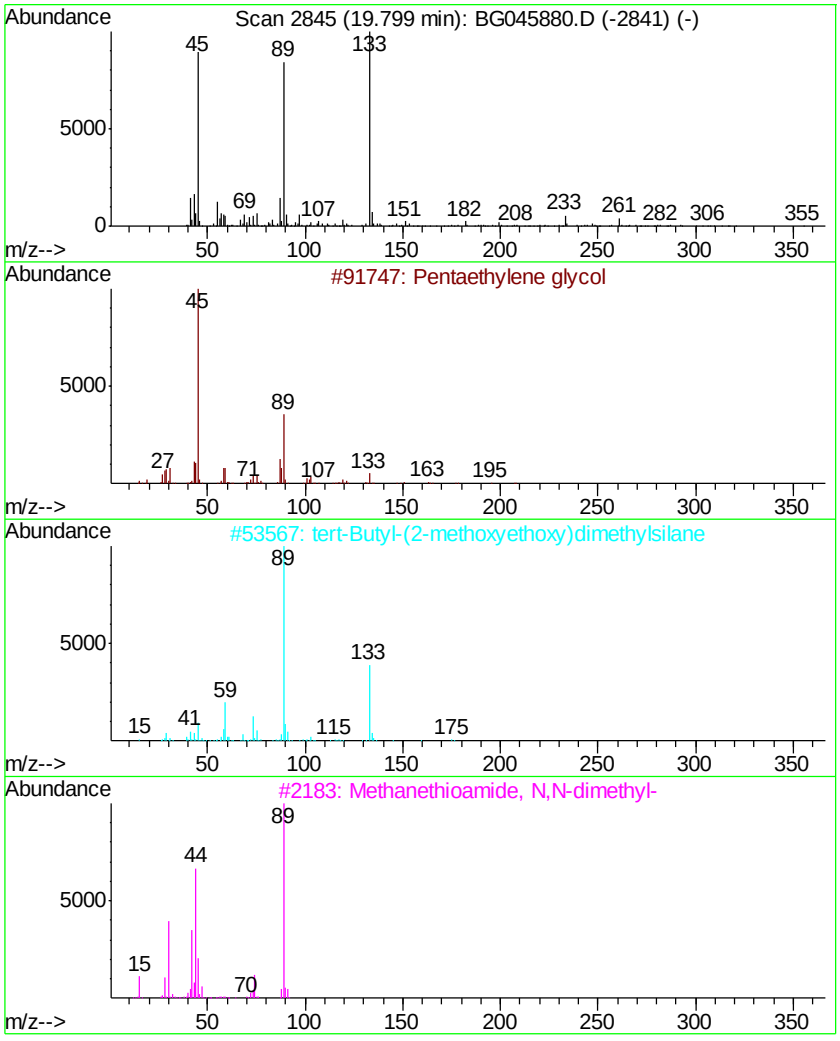
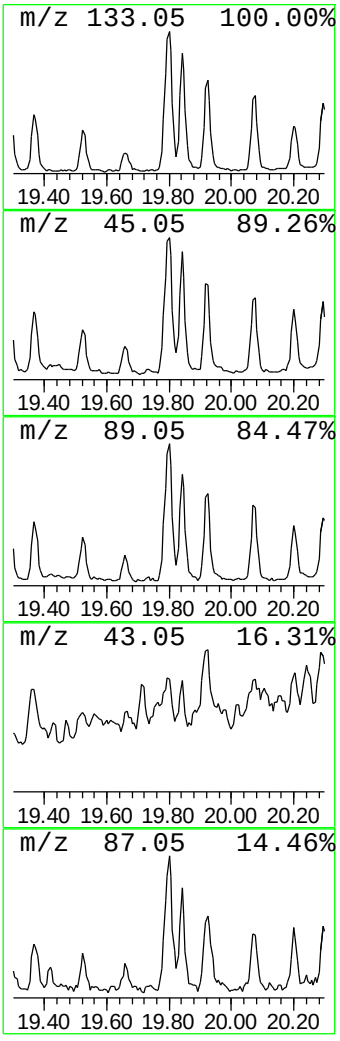
Peak Number 9 tert-Butyl-(2-methoxyethoxy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	11.19 ng	603718	Chrysene-d12	21.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol	238	C10H22O6	004792-15-8	64
2	tert-Butyl-(2-methoxyethoxy)dime...	190	C9H22O2Si	1000352-09-4	50
3	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	50
4	Diisobutyl (oxybis(ethane-2,1-di...	306	C14H26O7	1000378-30-5	50
5	Isobutyl 2,5,8,11-tetraoxatridec...	308	C14H28O7	1000378-27-9	50





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Acq On : 29 Jun 2020 17:36
Operator : CG/JU
Sample : L3129-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1445

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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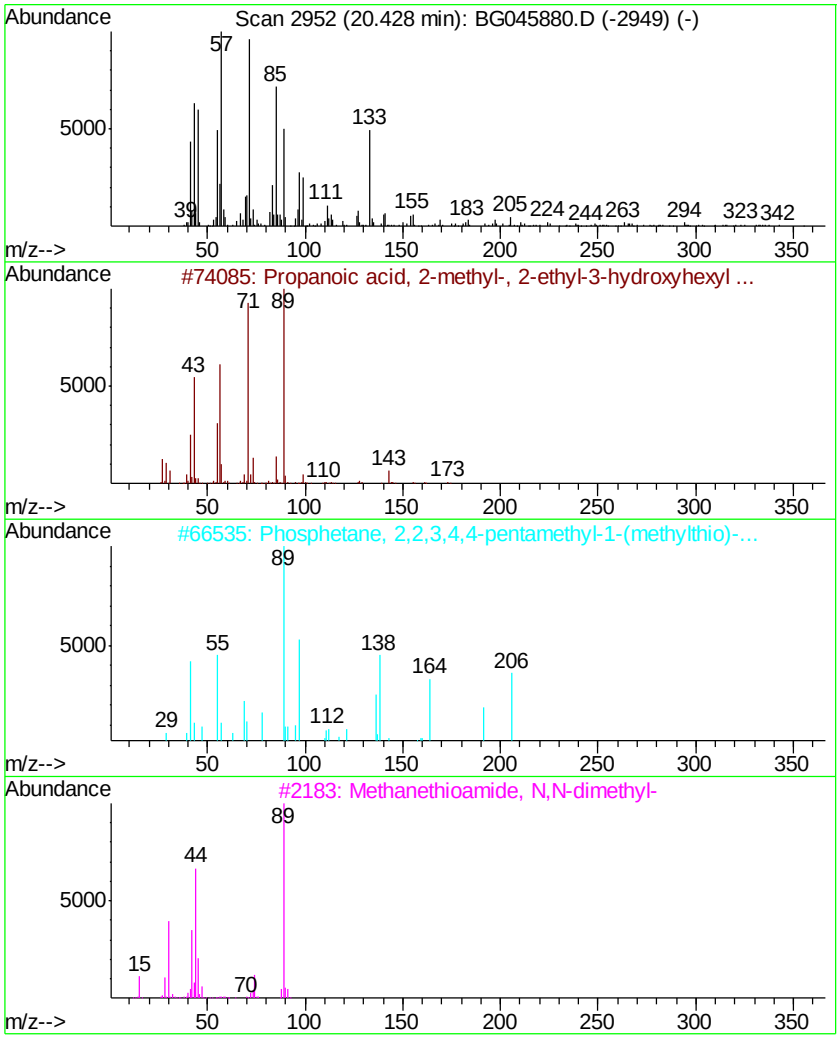
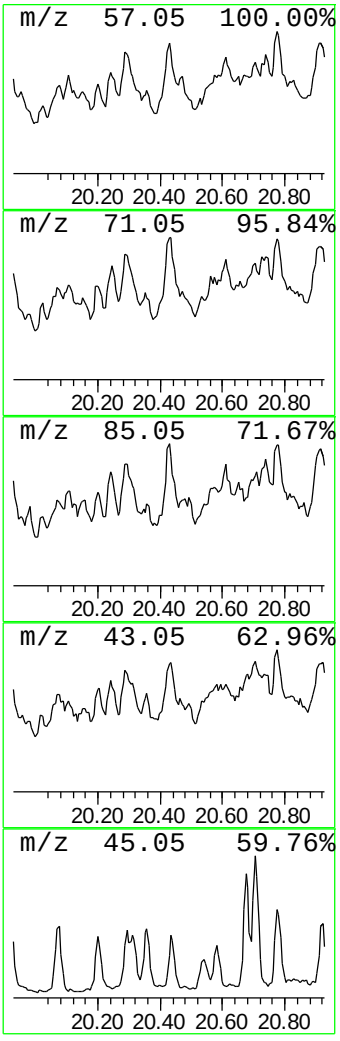
Peak Number 10 unknown20.43 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	9.39 ng	506412	Chrysene-d12	21.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	47
2	Phosphetane, 2,2,3,4,4-pentameth...	206	C9H19OPS	077508-91-9	38
3	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	38
4	2,3-Dihydrothiophene 1,1-dioxide	118	C4H6O2S	001192-16-1	35
5	Thiopropionamide	89	C3H7NS	000631-58-3	35





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1445

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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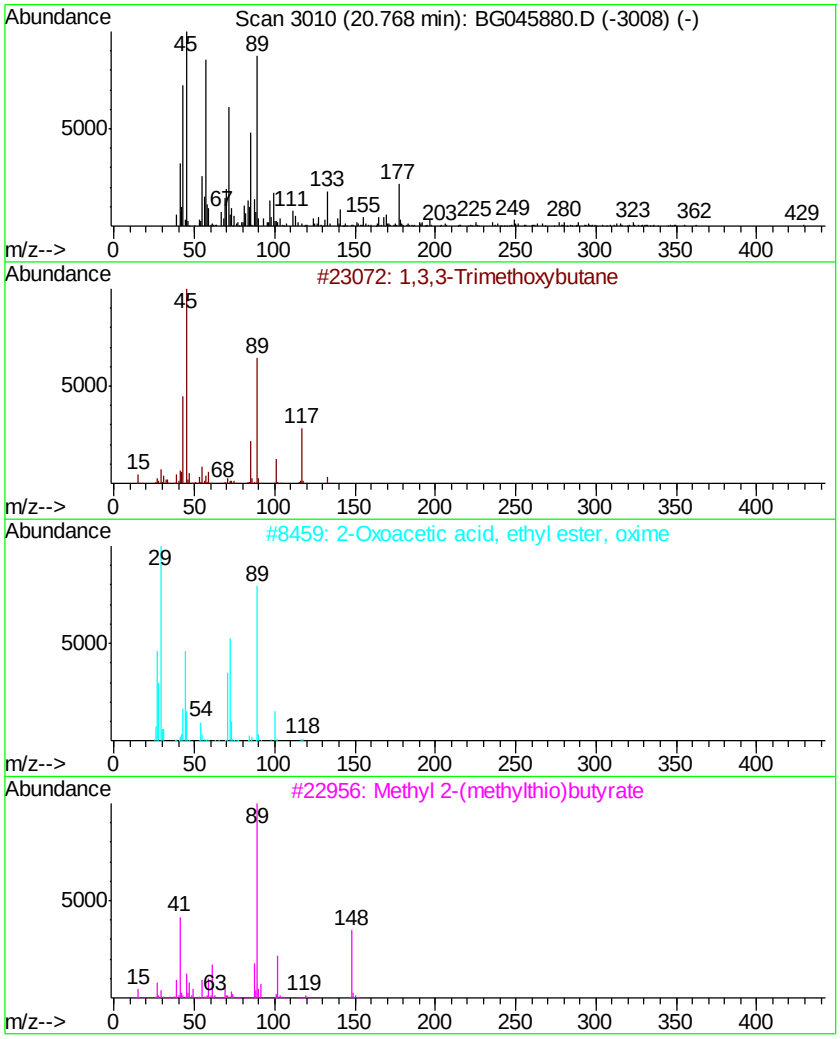
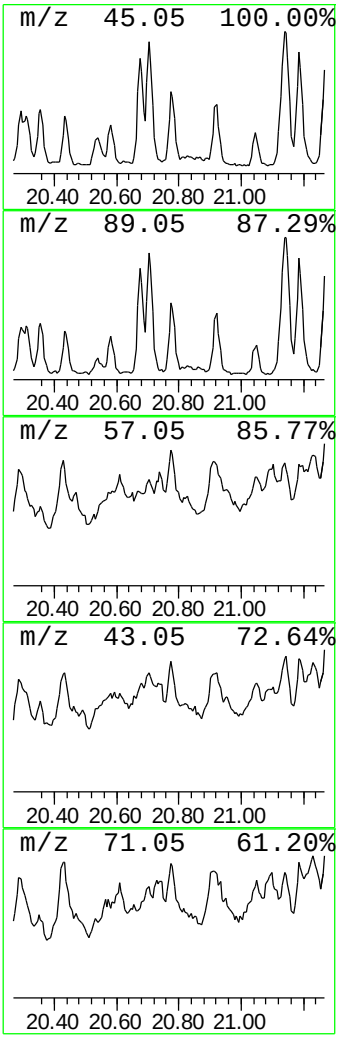
Peak Number 11 Methyl 2-(methylthio)butyrate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	9.74 ng	525280	Chrysene-d12	21.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,3-Trimethoxybutane	148	C7H16O3	006607-66-5	64
2	2-Oxoacetic acid, ethyl ester, o...	117	C4H7NO3	1000196-27-4	53
3	Methyl 2-(methylthio)butyrate	148	C6H12O2S	051534-66-8	50
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	50
5	3-Methylseleno-2-benzo[b]thiophe...	256	C10H8OSSe	039857-04-0	47





Library Search Compound Report

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Operator : CG/JU
Sample : L3129-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1445

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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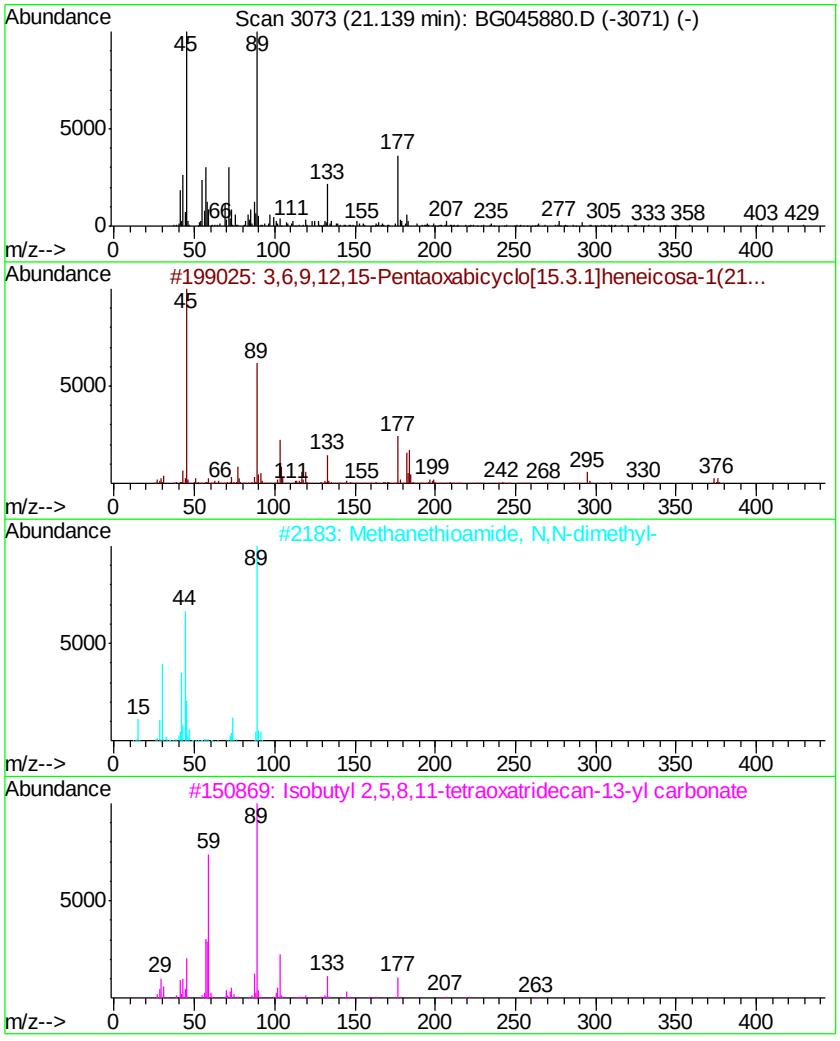
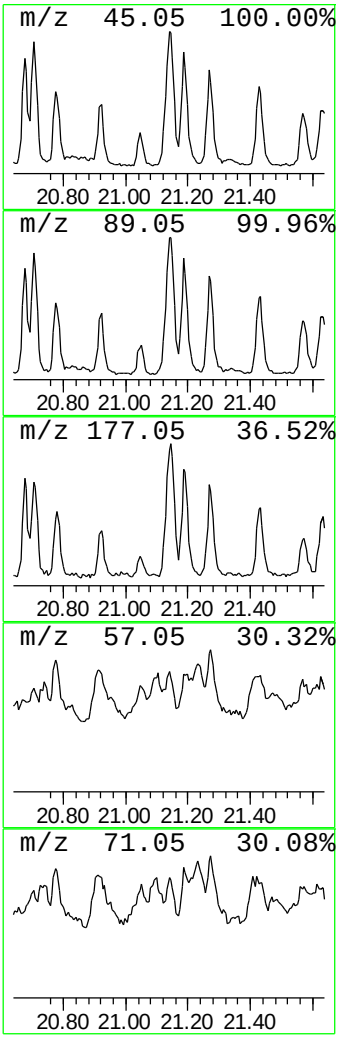
Peak Number 12 3,6,9,12,15-Pentaoxabicyclo... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	12.62 ng	681028	Chrysene-d12	21.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxabicyclo[15.3...	374	C16H23BrO5	055440-88-5	64
2	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	53
3	Isobutyl 2,5,8,11-tetraoxatridec...	308	C14H28O7	1000378-27-9	42
4	3-Hydroxydecanoic acid	188	C10H20O3	033044-91-6	42
5	3,7-Dimethyl-6,7-di(methylthio)o...	248	C12H24OS2	1000314-40-1	40





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Sample : L3129-02
Misc :
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Instrument : BNA_G
ClientSampleId : 1445

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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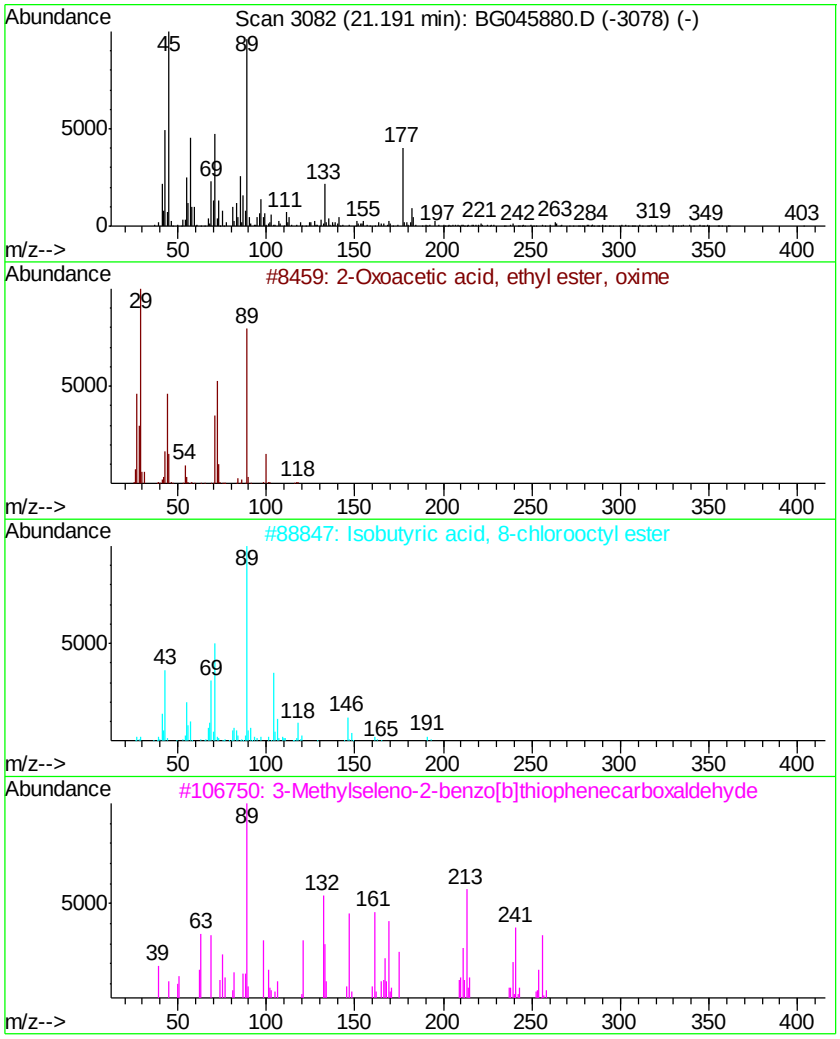
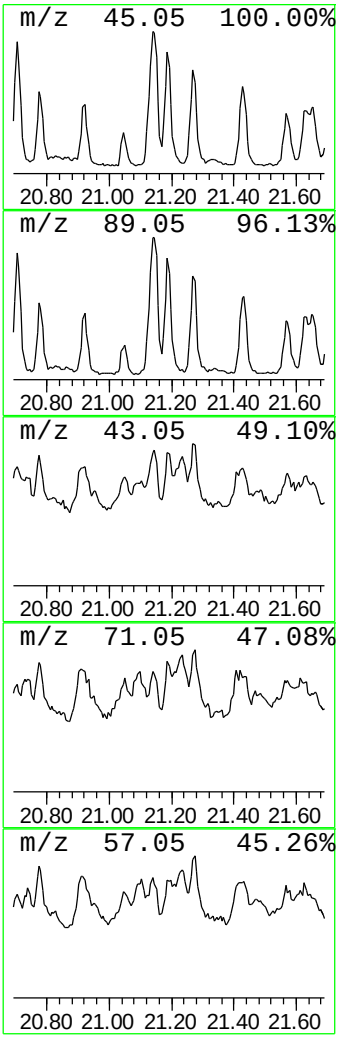
Peak Number 13 2-Oxoacetic acid, ethyl est... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	13.03 ng	703136	Chrysene-d12	21.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxoacetic acid, ethyl ester, o...	117	C4H7NO3	1000196-27-4	53
2	Isobutyric acid, 8-chlorooctyl e...	234	C12H23ClO2	1000354-63-9	50
3	3-Methylseleno-2-benzo[b]thiophe...	256	C10H8OSSe	039857-04-0	49
4	3,7-Dimethyl-6,7-di(methylthio)o...	248	C12H24OS2	1000314-40-1	47
5	1,3,3-Trimethoxybutane	148	C7H16O3	006607-66-5	45





Library Search Compound Report

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Sample : L3129-02
Misc :
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Instrument : BNA_G
ClientSampleId : 1445

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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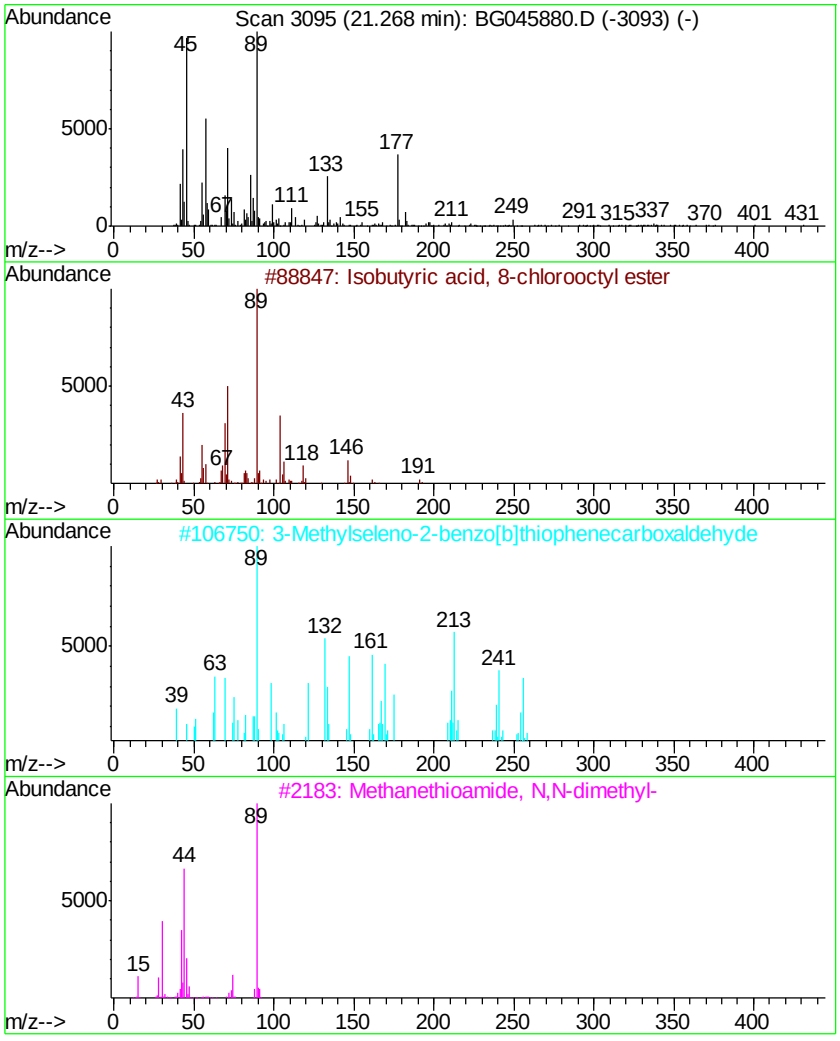
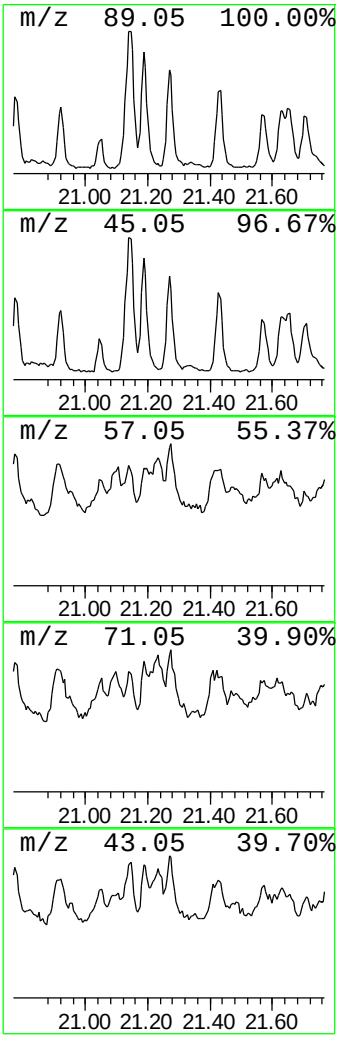
Peak Number 14 Isobutyric acid, 8-chlorooc... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	15.68 ng	845885	Chrysene-d12	21.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyric acid, 8-chlorooctyl e...	234	C12H23ClO2	1000354-63-9	50
2	3-Methylseleno-2-benzo[b]thiophe...	256	C10H8OSSe	039857-04-0	47
3	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	47
4	3-Hydroxydecanoic acid	188	C10H20O3	033044-91-6	42
5	2-Oxoacetic acid, ethyl ester, o...	117	C4H7NO3	1000196-27-4	42





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Sample : L3129-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1445

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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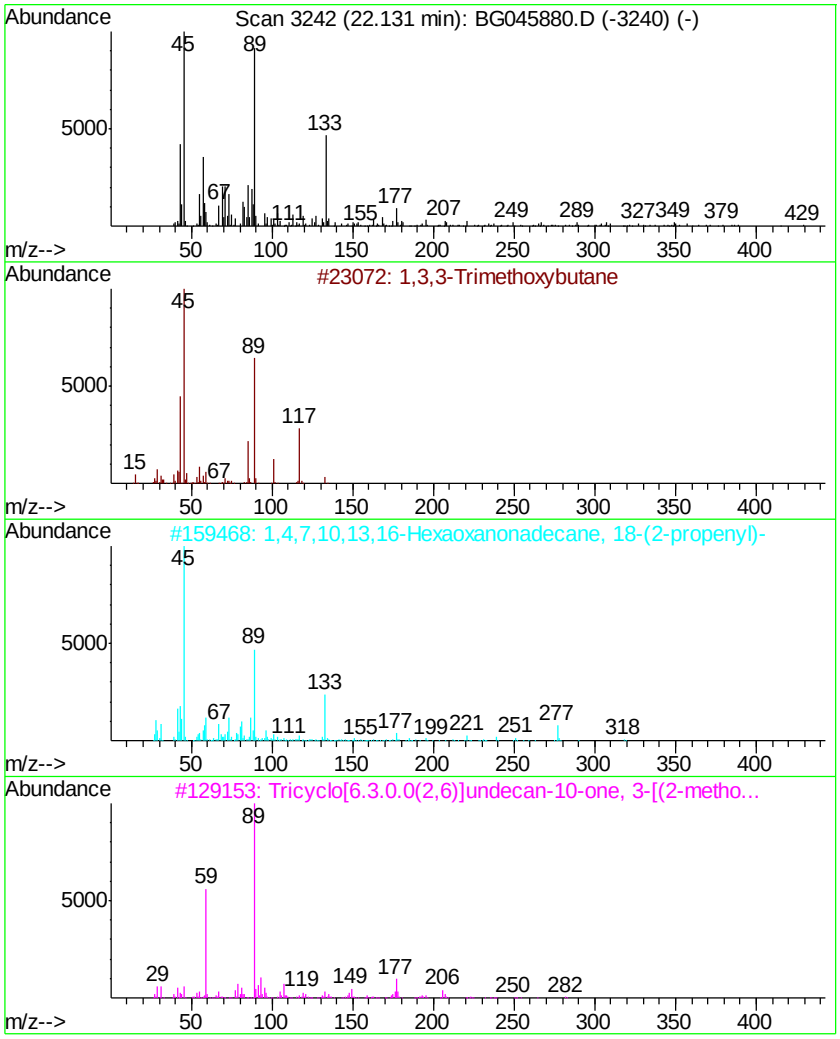
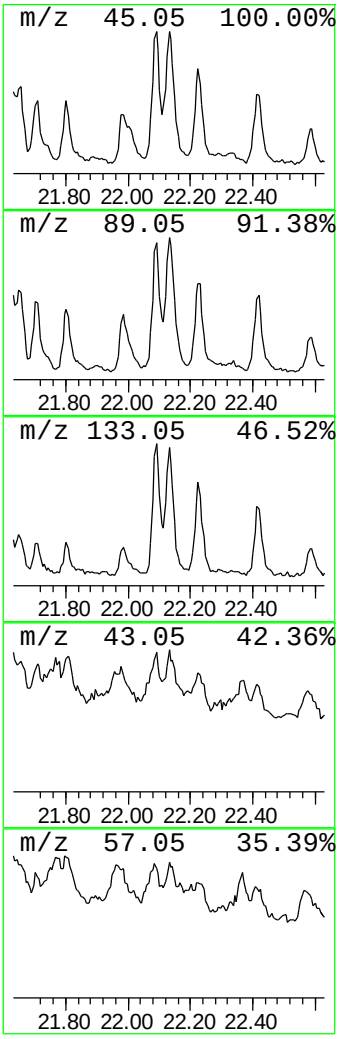
Peak Number 15 1,4,7,10,13,16-Hexaoxanonad... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	11.16 ng	602397	Chrysene-d12	21.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,3-Trimethoxybutane	148	C7H16O3	006607-66-5	64
2	1,4,7,10,13,16-Hexaoxanonadecane...	318	C16H30O6	1000163-64-0	64
3	Tricyclo[6.3.0.0(2,6)]undecan-10...	282	C16H26O4	1000154-00-0	53
4	Butanamide, 2-hydroxy-N,3,3-trim...	145	C7H15NO2	087919-98-0	53
5	10-Oxatetracyclo[5.5.2.0(1,5).0(...	352	C18H24O7	1000154-01-5	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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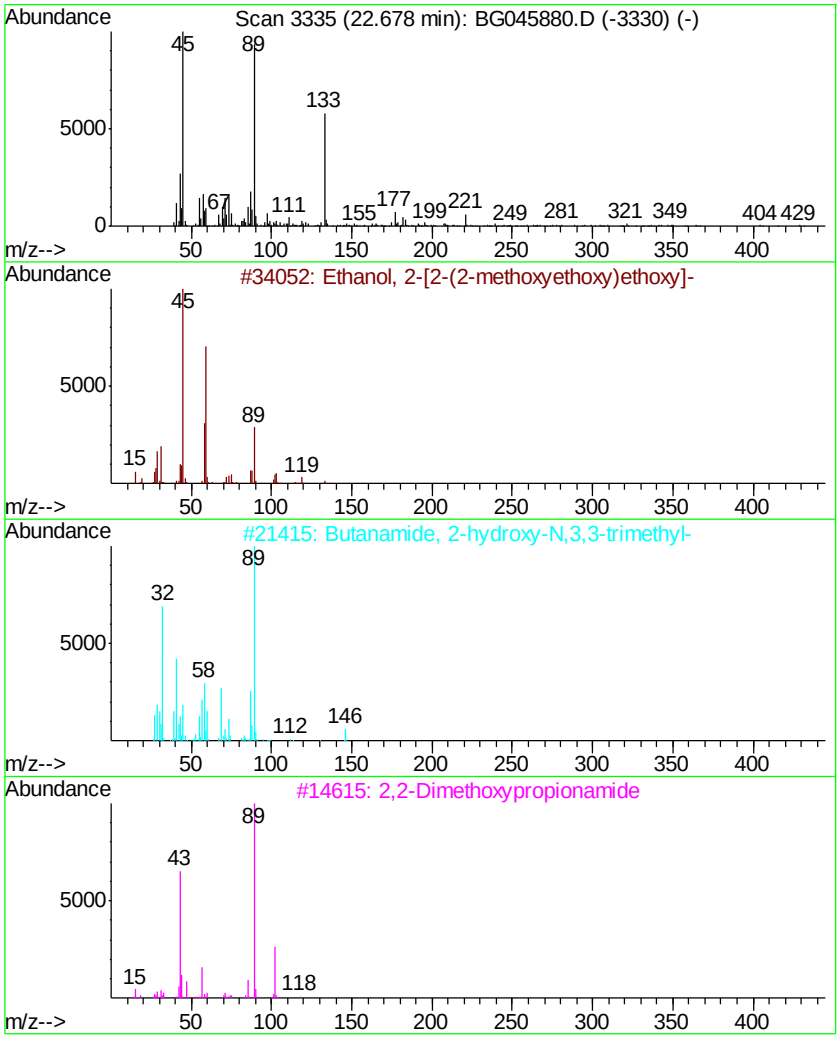
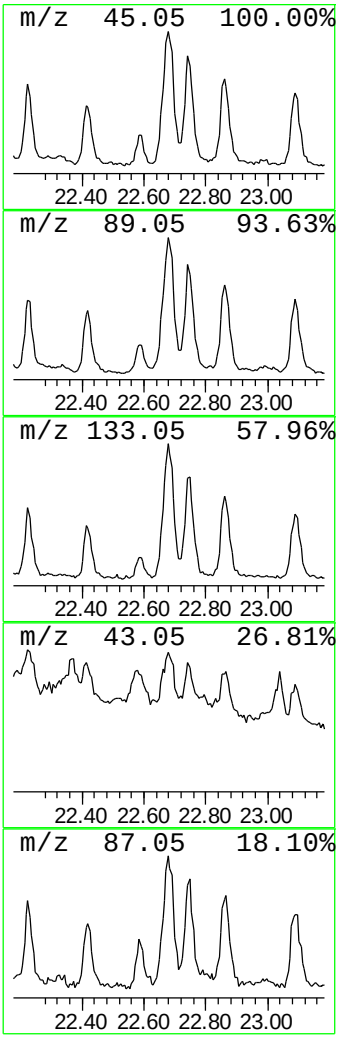
Peak Number 16 Ethanol, 2-[2-(2-methoxyeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	15.38 ng	829857	Chrysene-d12	21.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	56
2	Butanamide, 2-hydroxy-N,3,3-trim...	145	C7H15NO2	087919-98-0	42
3	2,2-Dimethoxypropionamide	133	C5H11NO3	1000237-69-7	40
4	3,7-Dimethyl-6,7-di(methylthio)o...	248	C12H24OS2	1000314-40-1	40
5	Pentaethylene glycol	238	C10H22O6	004792-15-8	10





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ClientSampleId : 1445

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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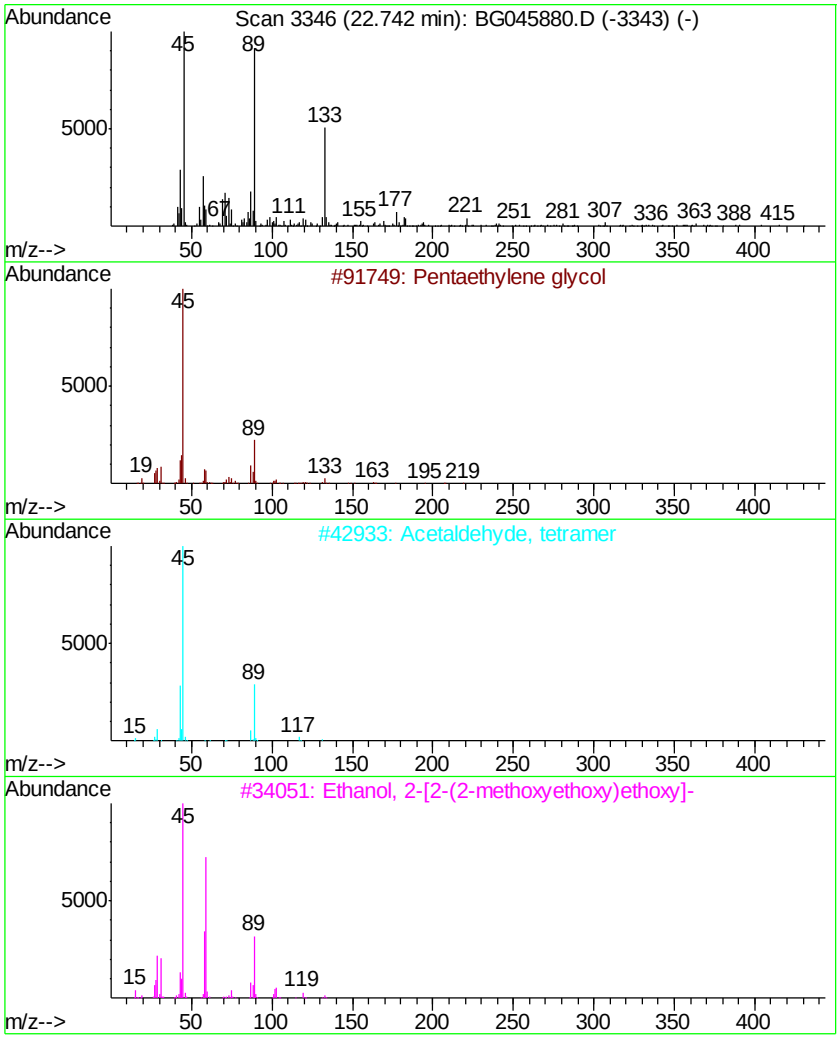
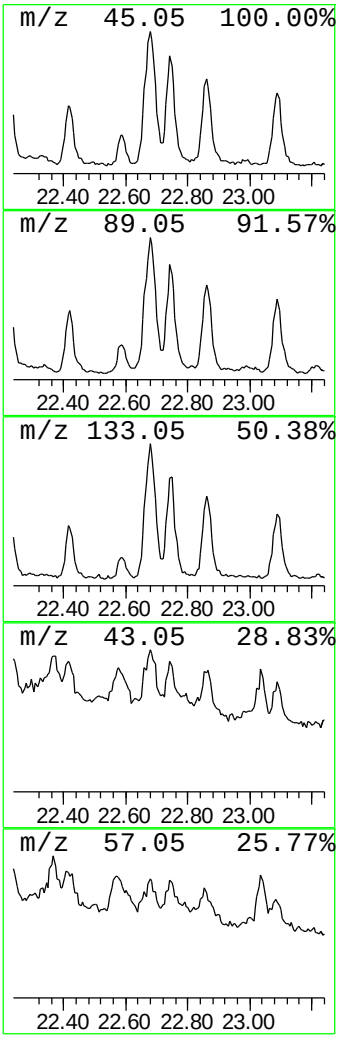
Peak Number 17 Pentaethylene glycol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	10.87 ng	586458	Chrysene-d12	21.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol	238	C10H22O6	004792-15-8	64
2	Acetaldehyde, tetramer	176	C8H16O4	000108-62-3	56
3	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	56
4	3-Hydroxydecanoic acid	188	C10H20O3	033044-91-6	40
5	3,7-Dimethyl-6,7-di(methylthio)o...	248	C12H24OS2	1000314-40-1	40





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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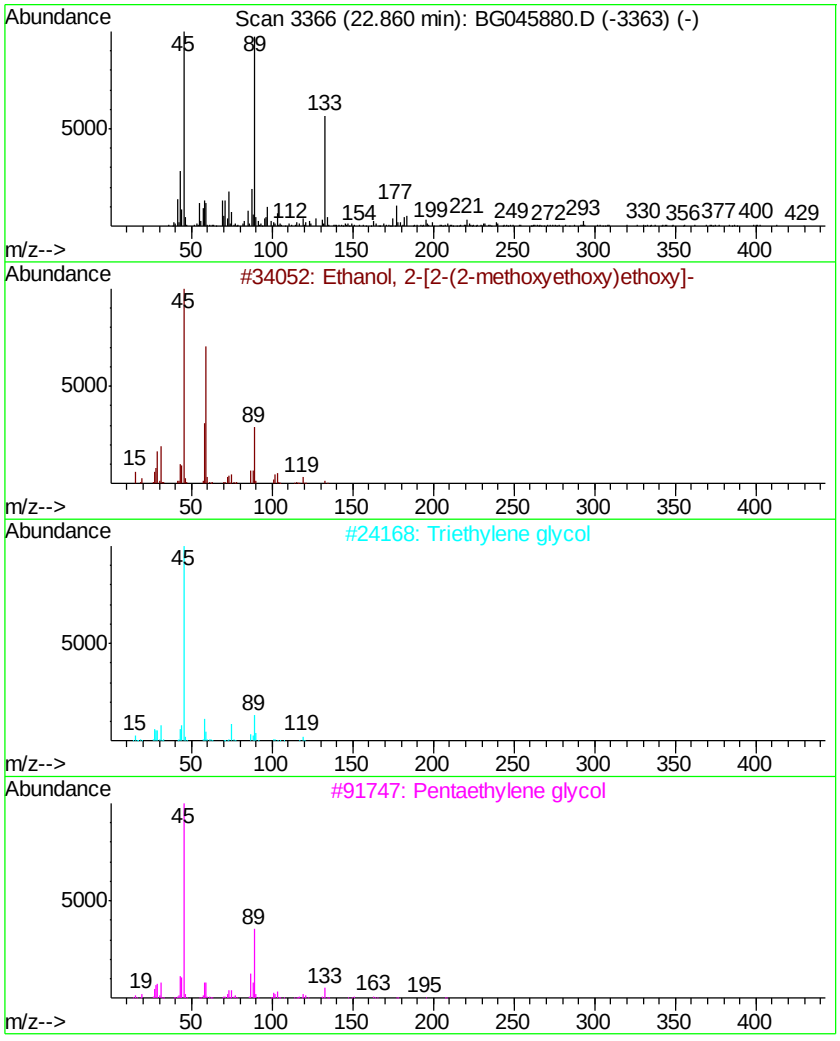
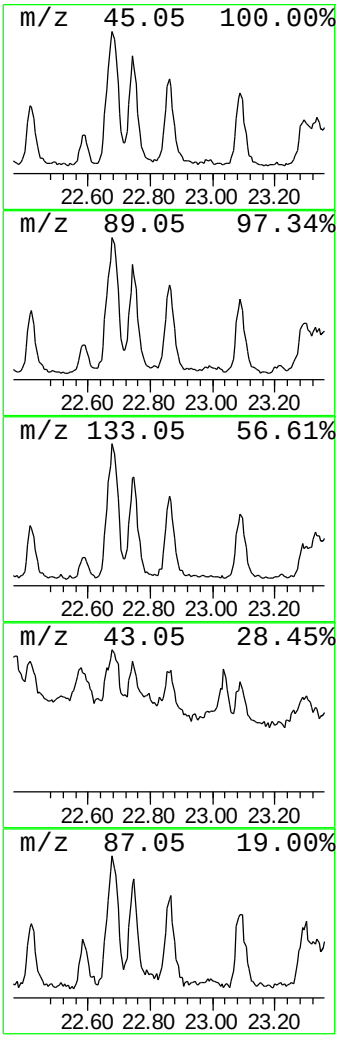
Peak Number 18 Triethylene glycol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	12.16 ng	656330	Chrysene-d12	21.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	56
2	Triethylene glycol	150	C6H14O4	000112-27-6	56
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	56
4	Methyl 2-(methylthio)butyrate	148	C6H12O2S	051534-66-8	53
5	Diisobutyl (oxybis(ethane-2,1-di...	306	C14H26O7	1000378-30-5	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062920\
Data File : BG045880.D
Acq On : 29 Jun 2020 17:36
Operator : CG/JU
Sample : L3129-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1445

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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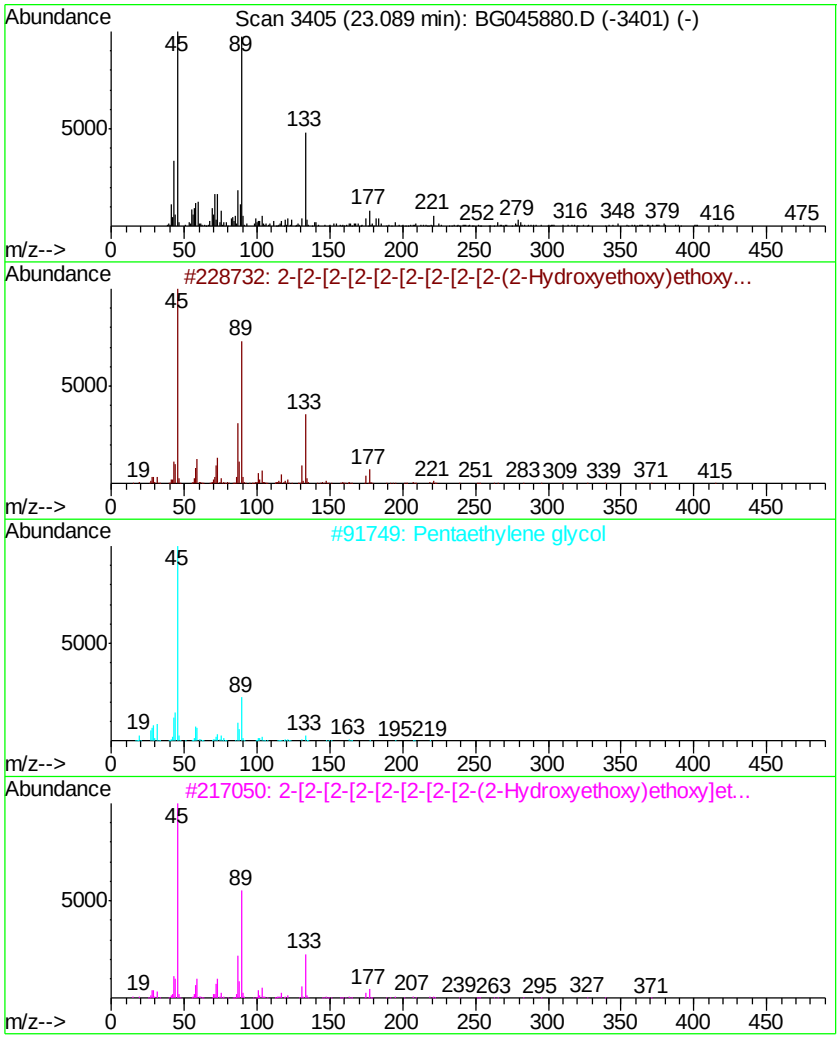
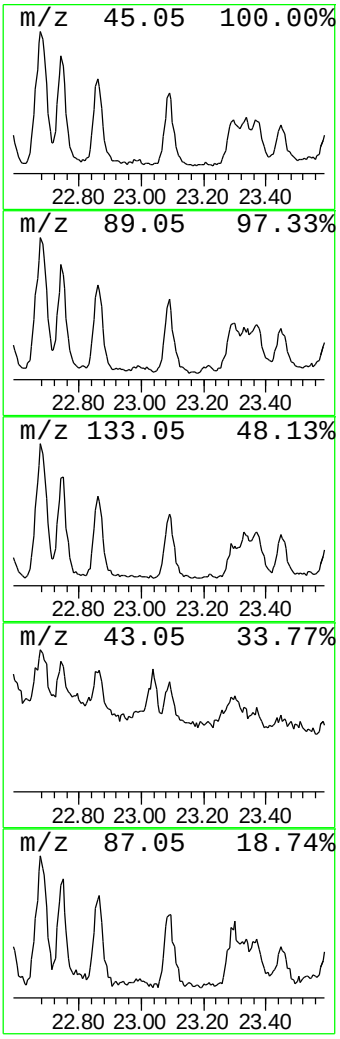
Peak Number 19 2-[2-[2-[2-[2-[2-[2-[2-[2-(... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.09	10.97 ng	591648	Chrysene-d12	21.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	83
2	Pentaethylene glycol	238	C10H22O6	004792-15-8	78
3	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	59
4	1,3-Heptadiyne, 6-(2-methoxyetho...	268	C14H24O3Si	1000156-78-0	53
5	Tricyclo[6.3.0.0(2,6)]undecan-10...	282	C16H26O4	1000154-00-0	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062920\
Data File : BG045880.D
Acq On : 29 Jun 2020 17:36
Operator : CG/JU
Sample : L3129-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1445

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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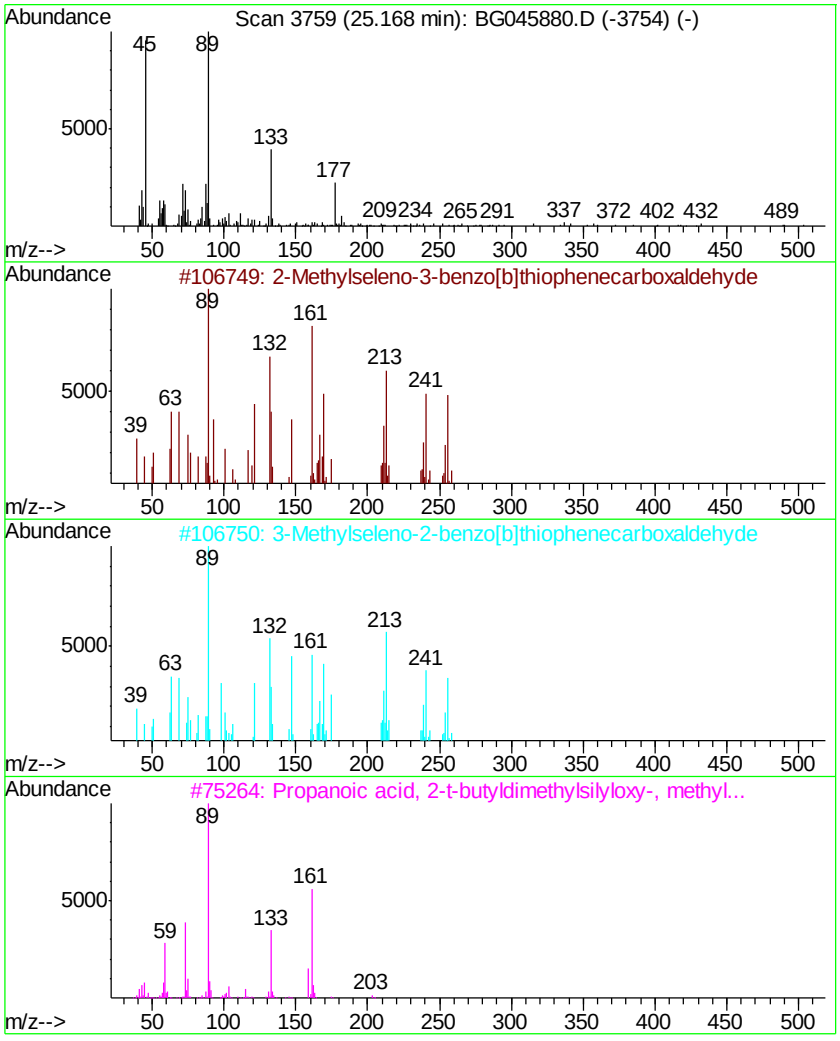
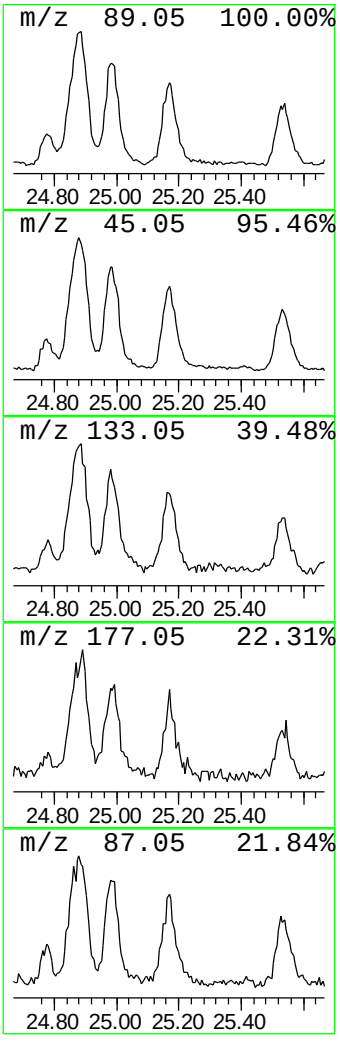
Peak Number 20 3-Methylseleno-2-benzo[b]th... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.17	12.76 ng	531261	Perylene-d12	24.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylseleno-3-benzo[b]thiophe...	256	C10H8OSSe	039857-07-3	53
2	3-Methylseleno-2-benzo[b]thiophe...	256	C10H8OSSe	039857-04-0	50
3	Propanoic acid, 2-t-butyldimethy...	218	C10H22O3Si	119404-55-6	40
4	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	25
5	Heptaethylene glycol	326	C14H30O8	005617-32-3	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062920\
Data File : BG045880.D
Acq On : 29 Jun 2020 17:36
Operator : CG/JU
Sample : L3129-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1445

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown17.50	17.50	8.7	ng	323523	4	17.31	746283	20.0
unknown18.18	18.18	12.0	ng	446496	4	17.31	746283	20.0
unknown18.23	18.23	8.7	ng	325716	4	17.31	746283	20.0
1,3,3-Trimethoxyb...	18.97	9.1	ng	339438	4	17.31	746283	20.0
2-Methylseleno-3-...	19.14	8.9	ng	332590	4	17.31	746283	20.0
2-[2-[2-[2-[2-[2-...	19.25	13.2	ng	492109	4	17.31	746283	20.0
unknown19.36	19.36	17.4	ng	647786	4	17.31	746283	20.0
tert-Butyl-(2-met...	19.80	11.2	ng	603718	5	21.58	1079100	20.0
unknown20.43	20.43	9.4	ng	506412	5	21.58	1079100	20.0
Methyl 2-(methylt...	20.77	9.7	ng	525280	5	21.58	1079100	20.0
3,6,9,12,15-Penta...	21.14	12.6	ng	681028	5	21.58	1079100	20.0
2-Oxoacetic acid,...	21.19	13.0	ng	703136	5	21.58	1079100	20.0
Isobutyric acid, ...	21.27	15.7	ng	845885	5	21.58	1079100	20.0
1,4,7,10,13,16-He...	22.13	11.2	ng	602397	5	21.58	1079100	20.0
Ethanol, 2-[2-(2-...	22.68	15.4	ng	829857	5	21.58	1079100	20.0
Pentaethylene glycol	22.74	10.9	ng	586458	5	21.58	1079100	20.0
Triethylene glycol	22.86	12.2	ng	656330	5	21.58	1079100	20.0
2-[2-[2-[2-[2-[2-...	23.09	11.0	ng	591648	5	21.58	1079100	20.0
3-Methylseleno-2-...	25.17	12.8	ng	531261	6	24.72	832899	20.0