LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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	3.325	34	40	48	rBV	43414	77932	1.87%	0.181%
2	3.712	99	106	113	rVB2	27762	57238	1.38%	0.133%
3	4.076	156	168	174	rBV3	44291	121024	2.91%	0.281%
4	4.423	219	227	234	rBV2	23726	44635	1.07%	0.104%
5	4.875	288	304	308	rBV3	56337	168384	4.05%	0.391%
6	5.028	317	330	342	rVB4	47886	139597	3.35%	0.324%
7	5.498	404	410	422	rVB	541001	948079	22.78%	2.203%
8	5.974	485	491	497	rVB	87567	135740	3.26%	0.315%
9	6.520	575	584	591	rVB3	36824	84700	2.04%	0.197%
10	7.014	657	668	677	rBV4	48317	139480	3.35%	0.324%
11	7.119	679	686	699	rVB2	508442	1059110	25.45%	2.461%
12	7.824	801	806	812	rBV3	26874	51789	1.24%	0.120%
13	7.895	812	818	824	rVV	207819	364702	8.76%	0.847%
14	7.971	824	831	845	rVB	527784	856915	20.59%	1.991%
15	8.165	859	864	866	rVV5	28832	59065	1.42%	0.137%
16	8.218	866	873	880	rVB	669560	1181349	28.39%	2.745%
17	8.564	926	932	940	rVB5	27584	58073	1.40%	0.135%
18	9.058	1008	1016	1026	rBV	569115	1014375	24.38%	2.357%
19	9.452	1075	1083	1090	rBV3	23062	43194	1.04%	0.100%
20	10.098	1184	1193	1201	rBV3	36944	86116	2.07%	0.200%
21	10.227	1211	1215	1225	rVB4	34130	70651	1.70%	0.164%
22	10.703	1289	1296	1302	rBV	255602	461168	11.08%	1.072%
23	11.067	1351	1358	1368	rBV	138151	278581	6.69%	0.647%
24	11.343	1400	1405	1419	rVB7	17178	51860	1.25%	0.121%
25	11.566	1435	1443	1451	rBV2	53888	115074	2.77%	0.267%
26	12.218	1548	1554	1564	rVB	94384	176632	4.24%	0.410%
27	12.342	1566	1575	1580	rBV9	17207	45468	1.09%	0.106%
28	12.776	1644	1649	1655	rBV2	47949	72156	1.73%	0.168%
29	12.947	1670	1678	1683	rBV5	20358	48242	1.16%	0.112%
30	13.170	1708	1716	1726	rVB	1557048	2474548	59.46%	5.750%
31	13.517	1769	1775	1781	rBV	236857	350875	8.43%	0.815%
32	13.640	1792	1796	1806	rBV8	50377	146847	3.53%	0.341%
33	13.998	1852	1857	1863	rBV	148020	215732	5.18%	0.501%
34	14.192	1886	1890	1896	rBV	143341	212707	5.11%	0.494%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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	14.492	1937	1941	1945	rBV	29166	44135	1.06%	0.103%
36	14.551	1945	1951	1957	rVB	398346	649596	15.61%	1.510%
37	14.885	1999	2008	2019	rBV	387718	707321	17.00%	1.644%
38	15.197	2056	2061	2067	rBV	159064	232613	5.59%	0.541%
39	15.267	2068	2073	2075	rBV4	47978	72801	1.75%	0.169%
40	15.302	2075	2079	2087	rVB	166415	293957	7.06%	0.683%
41	15.438	2099	2102	2110	rVB4	76546	109134	2.62%	0.254%
42	15.614	2127	2132	2138	rBV2	140585	189425	4.55%	0.440%
43	16.048	2201	2206	2212	rBV	169643	265678	6.38%	0.617%
44	16.189	2225	2230	2238	rBV	1011535	1399475	33.63%	3.252%
45	16.278	2240	2245	2249	rBV6	22283	45122	1.08%	0.105%
46	16.436	2268	2272	2280	rVB8	28730	49999	1.20%	0.116%
47	17.300	2413	2419	2425	rBV	511096	782330	18.80%	1.818%
48	17.488	2446	2451	2455	rBV2	77418	104999	2.52%	0.244%
49	17.635	2472	2476	2482	rVB	84718	110406	2.65%	0.257%
50	17.781	2496	2501	2508	rBV	228915	320297	7.70%	0.744%
51	18.275	2579	2585	2592	rBV	1997611	2711772	65.16%	6.302%
52	18.480	2616	2620	2627	rVB6	31857	46655	1.12%	0.108%
53	19.138	2728	2732	2736	rVB	108611	141544	3.40%	0.329%
54	19.297	2755	2759	2764	rVB2	83410	98508	2.37%	0.229%
55	19.426	2777	2781	2785	rVB	81577	104633	2.51%	0.243%
56	19.538	2796	2800	2806	rBV	225820	299275	7.19%	0.695%
57	19.920	2859	2865	2867	rBV	2809658	4161524	100.00%	9.671%
58	19.943	2867	2869	2880	rVB	2702845	2700880	64.90%	6.276%
59	20.466	2955	2958	2964	rVB2	69170	101218	2.43%	0.235%
60	20.736	3001	3004	3011	rVB3	92208	152568	3.67%	0.355%
61	20.848	3019	3023	3028	rBV3	81618	98691	2.37%	0.229%
62	20.948	3036	3040	3046	rBV	258411	359790	8.65%	0.836%
63	21.212	3081	3085	3098	rVB	313402	470320	11.30%	1.093%
64	21.324	3098	3104	3115	rBV	2577907	3775080	90.71%	8.773%
65	21.559	3138	3144	3151	rVB	505350	801977	19.27%	1.864%
66	21.700	3166	3168	3173	rVB5	49951	67187	1.61%	0.156%
67	22.181	3246	3250	3258	rVB3	76051	135471	3.26%	0.315%
68	22.352	3272	3279	3287	rBV7	103979	324812	7.81%	0.755%
69	22.463	3294	3298	3309	rVB2	154563	297887	7.16%	0.692%
70	22.969	3376	3384	3400	rBV	1687525	3636367	87.38%	8.450%
71	23.785	3518	3523	3528	rVB2	77574	140403	3.37%	0.326%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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	24.596	3658	3661	3666	rVV5	39075	72011	1.73%	0.167%
73	24.678	3666	3675	3688	rVB2	330930	1046306	25.14%	2.431%
74	25.377	3783	3794	3809	rBV2	889472	2759809	66.32%	6.413%
75	29.219	4433	4448	4467	rBV2	374975	1739017	41.79%	4.041%

Sum of corrected areas: 43033031

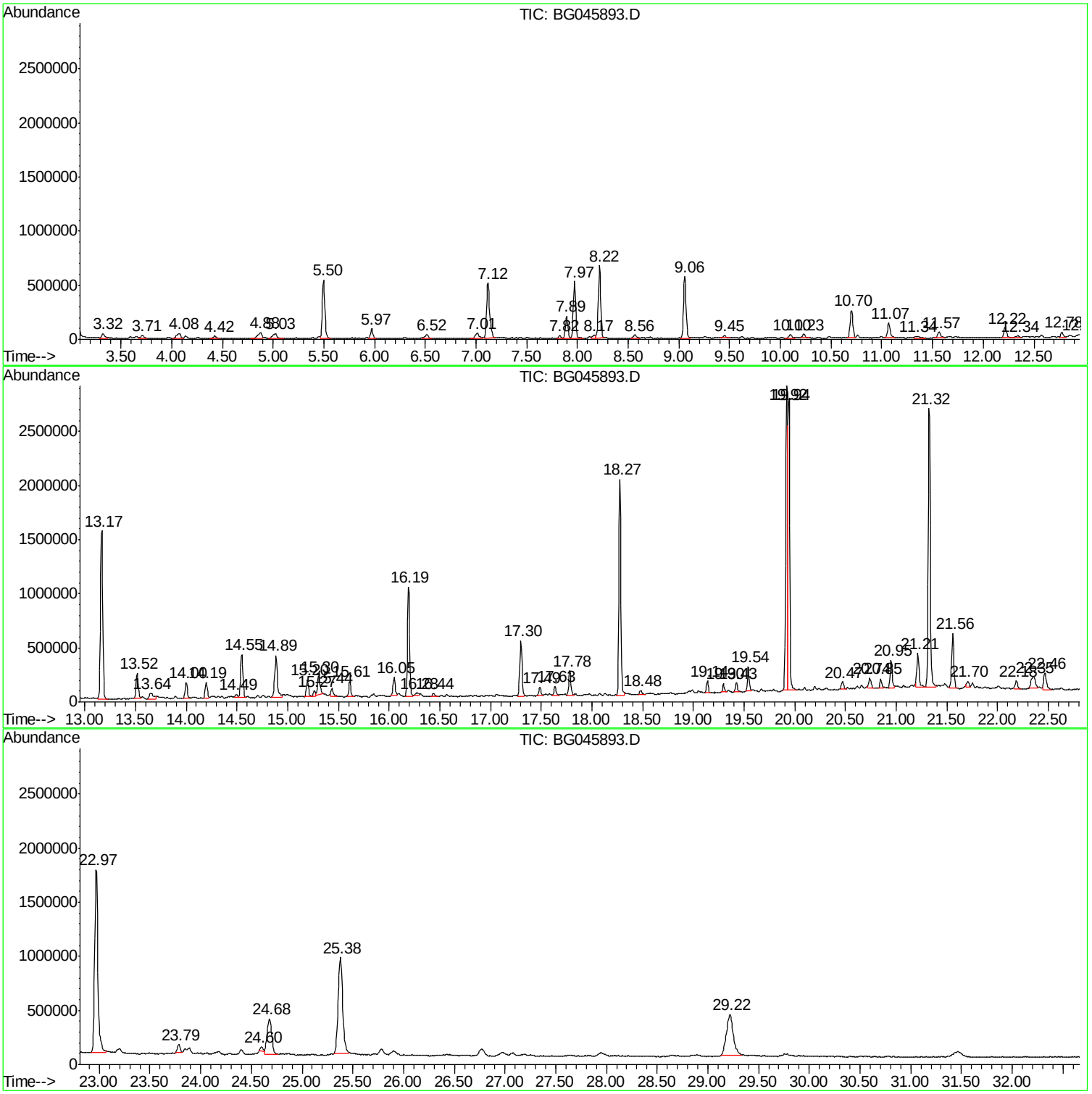
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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

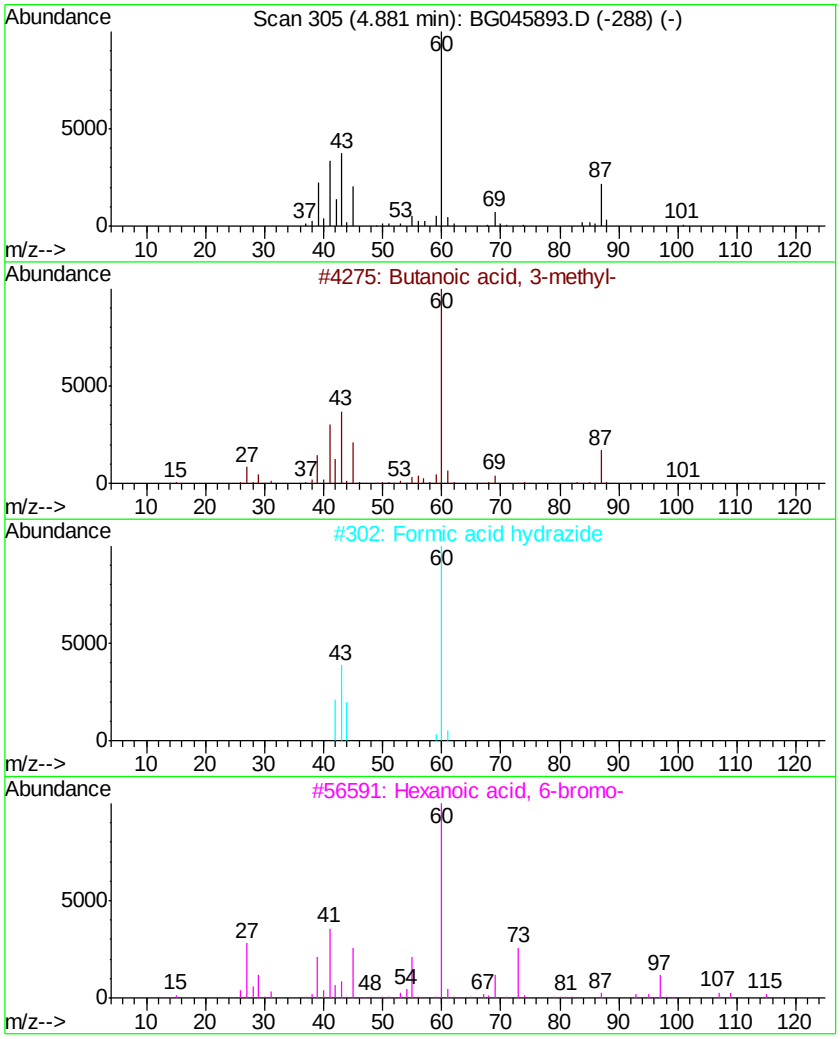
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

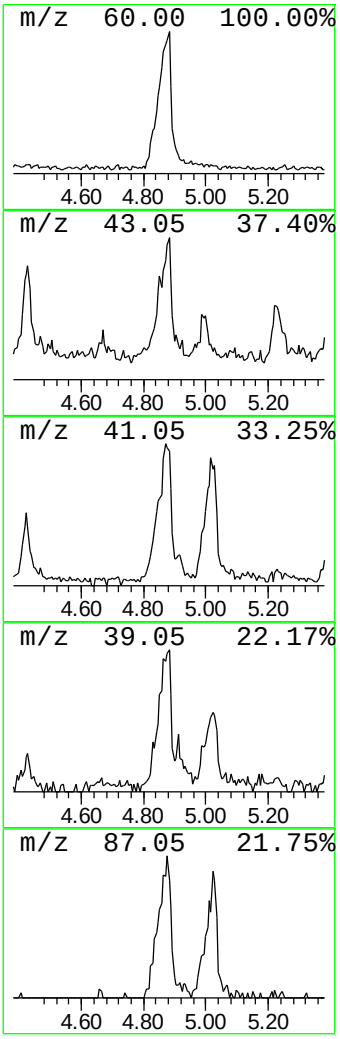
****

Peak Number 1 Butanoic acid, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	9.23 ng	168384	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	78
2	Formic acid hydrazide	60	CH4N2O	000624-84-0	47
3	Hexanoic acid, 6-bromo-	194	C6H11BrO2	004224-70-8	39
4	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	38
5	Thiazole, 4,5-dihydro-2-methyl-	101	C4H7NS	002346-00-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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

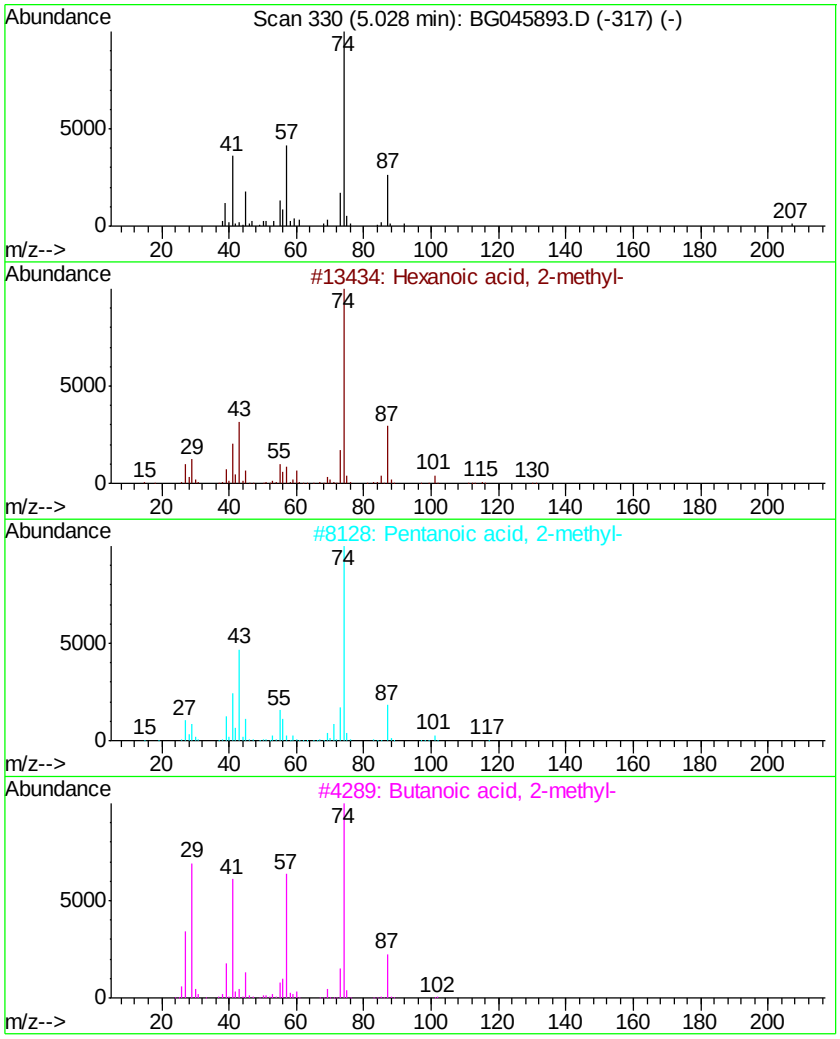
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

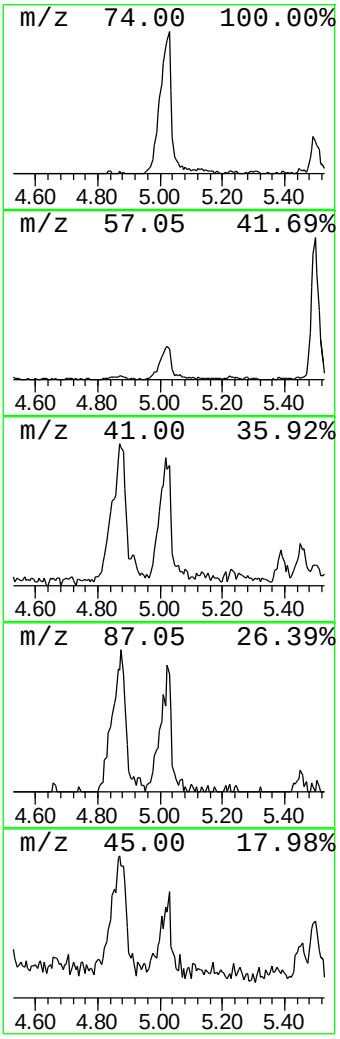
****

Peak Number 2 Hexanoic acid, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	7.66 ng	139597	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	78
2	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	64
3	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	56
4	Pentanoic acid, 2-methyl-, butyl...	172	C10H20O2	006297-41-2	39
5	1-Deoxy-2,4-O,O-methylene-d-xylitol	148	C6H12O4	1000124-94-9	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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

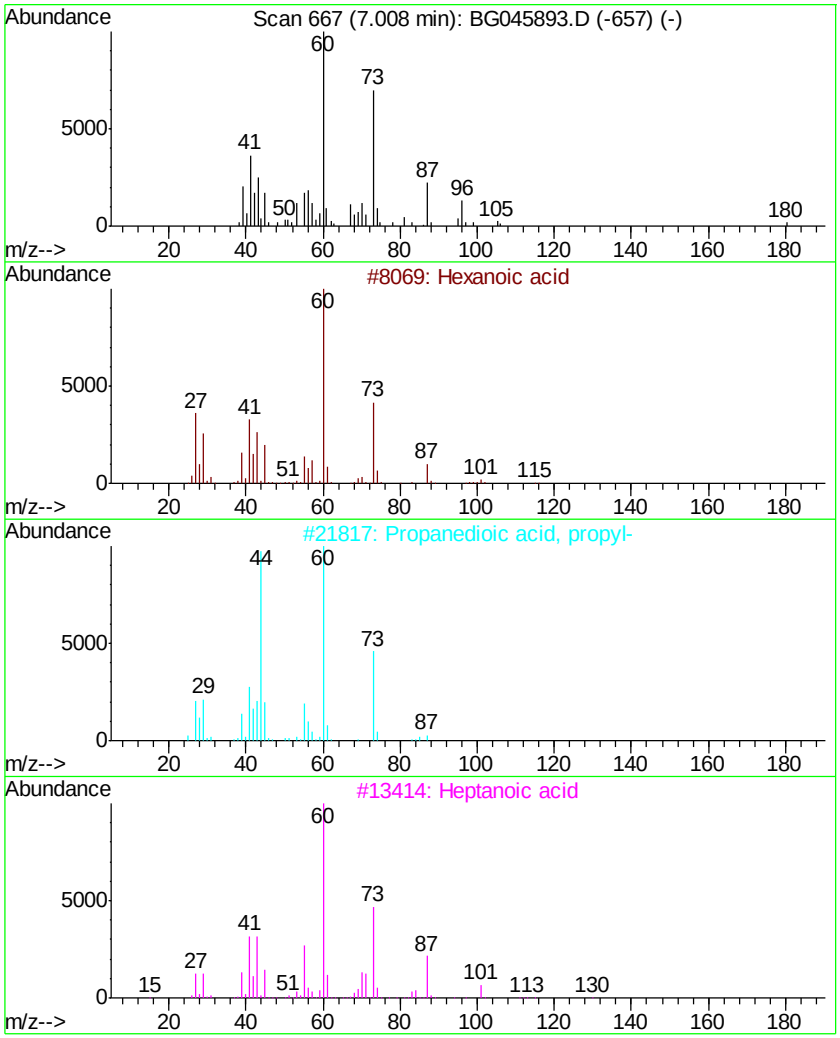
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

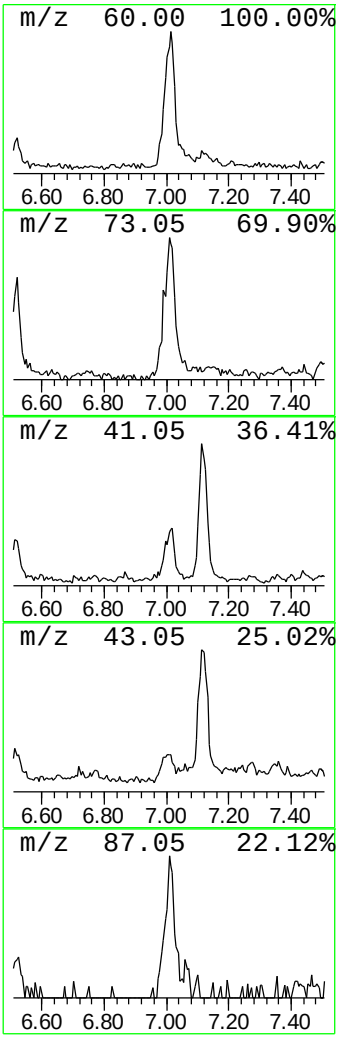
****

Peak Number 3 Hexanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	7.65 ng	139480	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	72
2	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	59
3	Heptanoic acid	130	C7H14O2	000111-14-8	50
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	42
5	4-Bromobutyric acid	166	C4H7BrO2	002623-87-2	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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

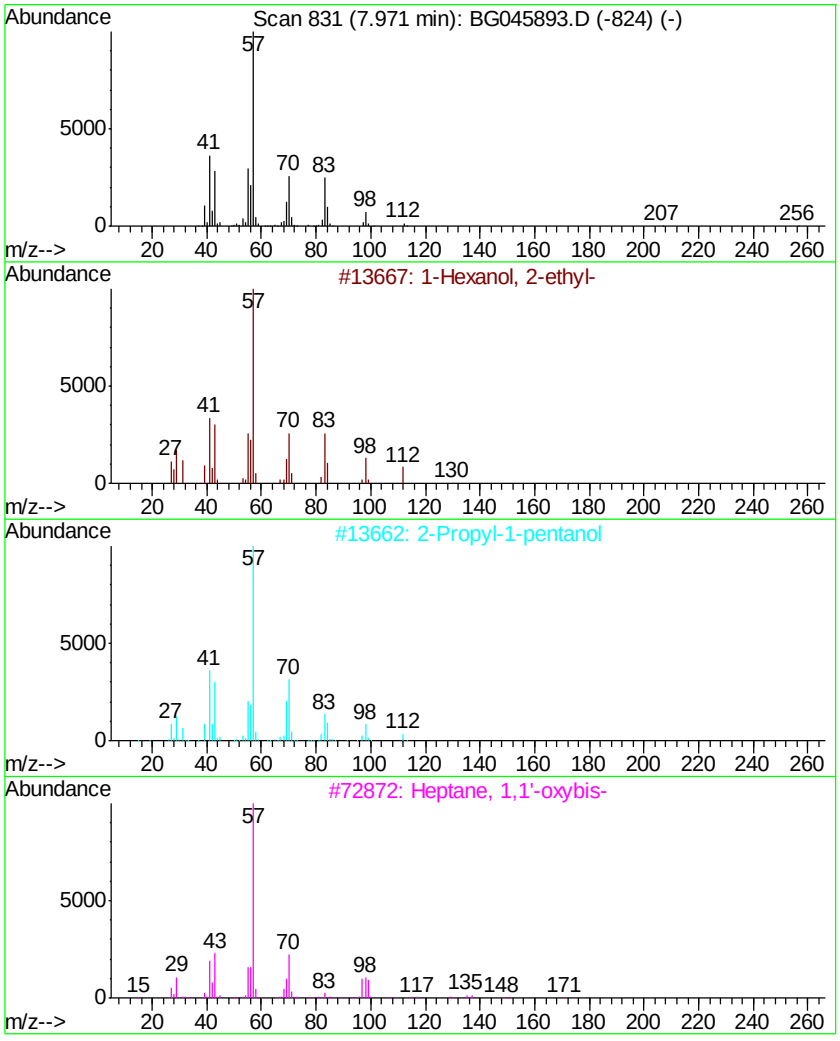
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

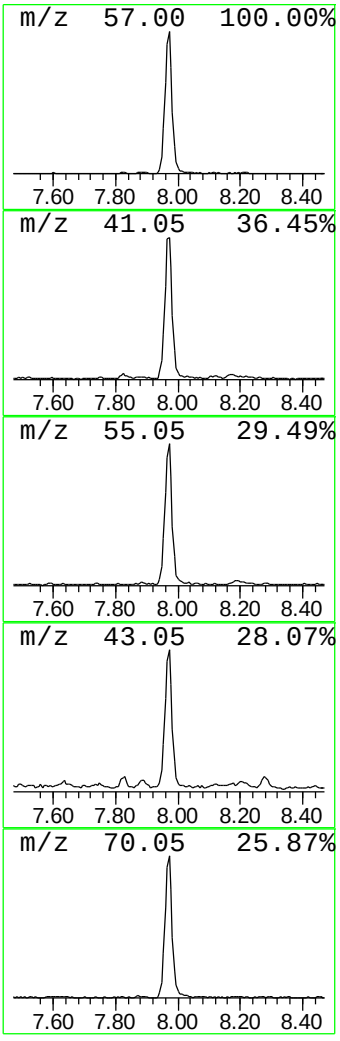
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	46.99 ng	856915	1,4-Dichlorobenzene-d4	7.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
5	1-Octyn-3-ol, 4-ethyl-	154	C10H18O	005877-42-9	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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

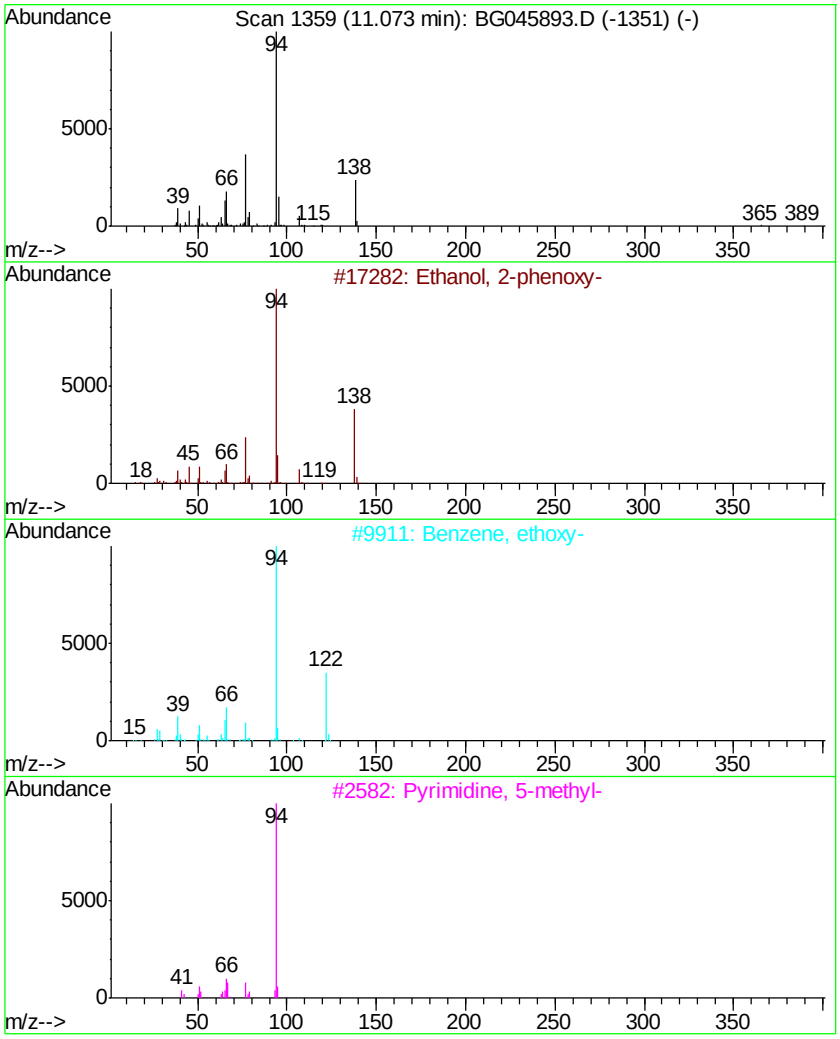
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

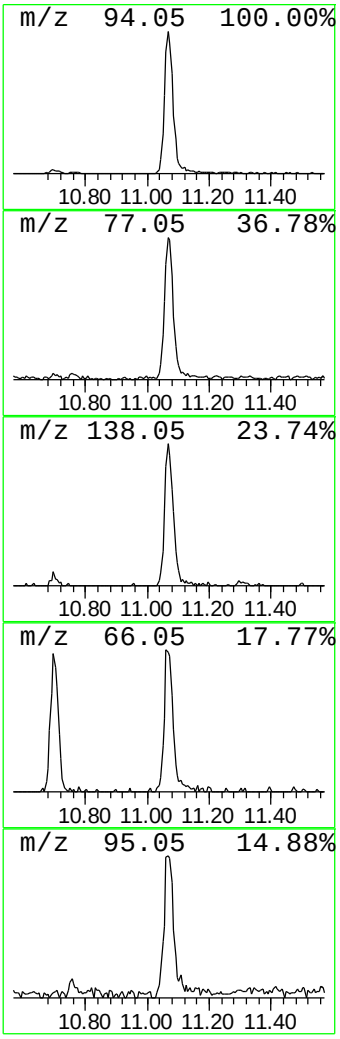
****

Peak Number 6 Ethanol, 2-phenoxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	12.08 ng	278581	Naphthalene-d8	10.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	90
2	Benzene, ethoxy-	122	C8H10O	000103-73-1	59
3	Pyrimidine, 5-methyl-	94	C5H6N2	002036-41-1	59
4	2-Pyridinecarboxylic acid, 3-amino-	138	C6H6N2O2	001462-86-8	53
5	Carbamic acid, phenyl ester	137	C7H7NO2	000622-46-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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

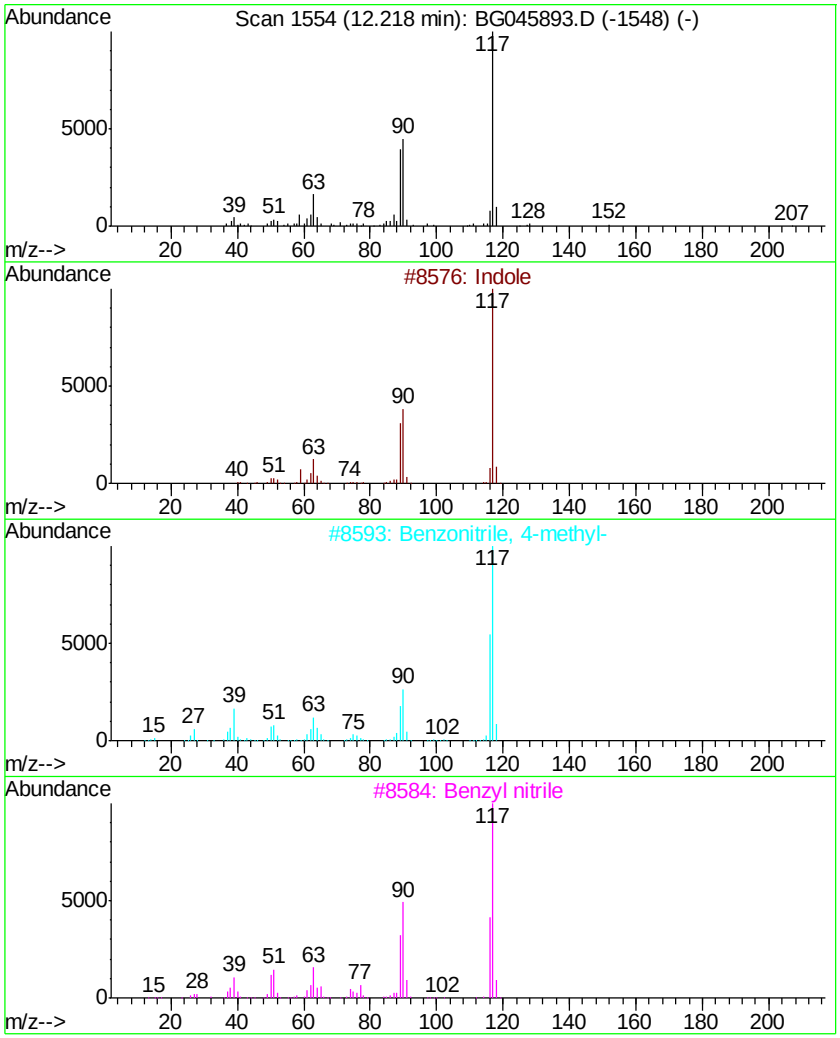
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

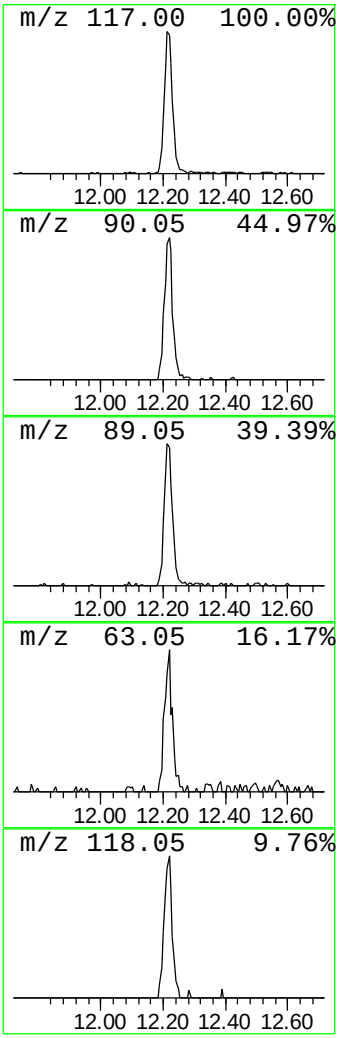
****

Peak Number 7 Indole Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	7.66 ng	176632	Naphthalene-d8	10.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole	117	C8H7N	000120-72-9	95
2	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	86
3	Benzyl nitrile	117	C8H7N	000140-29-4	83
4	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	80
5	m-Aminophenylacetylene	117	C8H7N	054060-30-9	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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

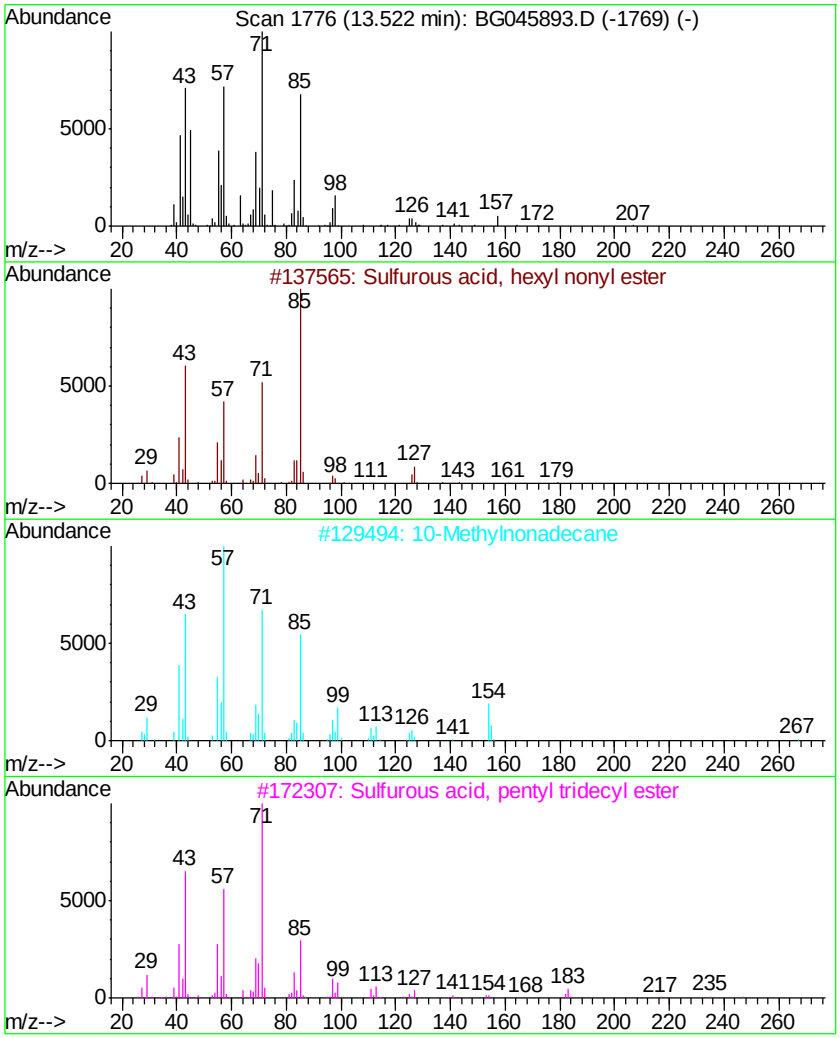
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

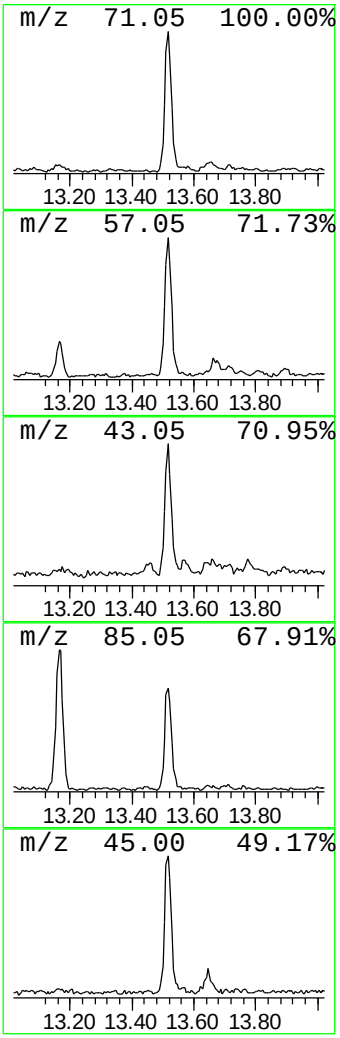
****

Peak Number 8 unknown13.52 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	10.80 ng	350875	Acenaphthene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, hexyl nonyl ester	292	C15H32O3S	1000309-13-1	47
2	10-Methylnonadecane	282	C20H42	056862-62-5	43
3	Sulfurous acid, pentyl tridecyl ...	334	C18H38O3S	1000309-14-6	43
4	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	43
5	Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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

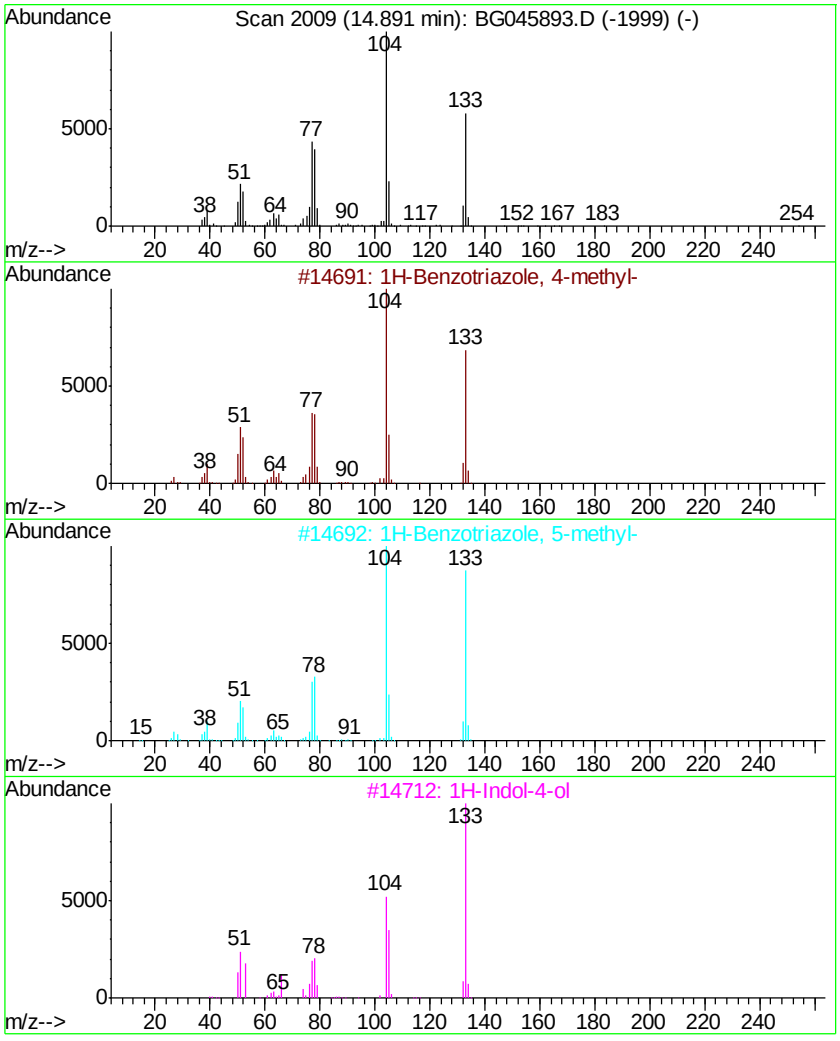
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

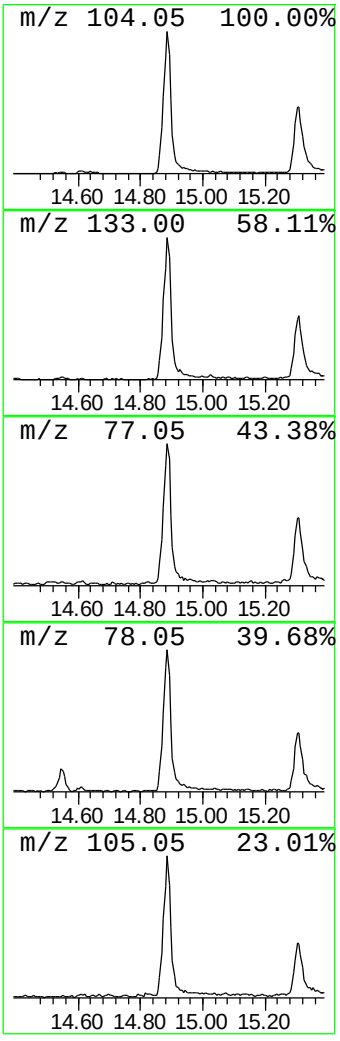
****

Peak Number 9 1H-Benzotriazole, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	21.78 ng	707321	Acenaphthene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	96
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	95
3	1H-Indol-4-ol	133	C8H7NO	002380-94-1	90
4	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	76
5	Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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

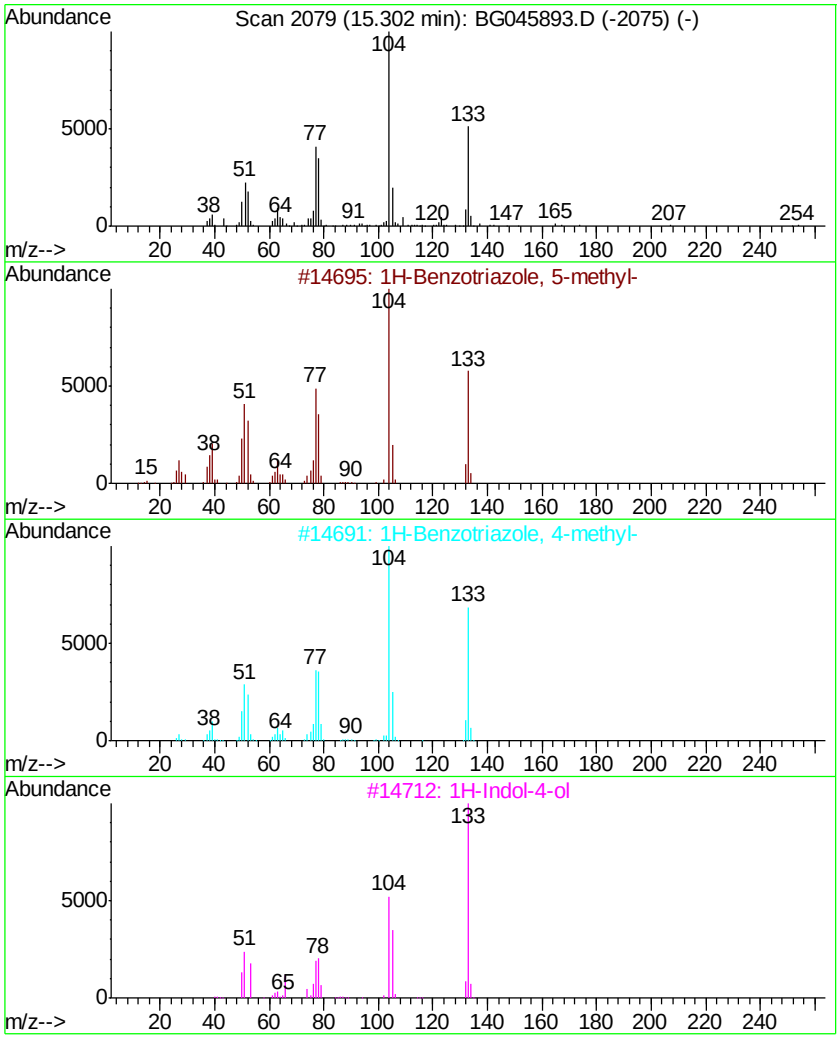
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

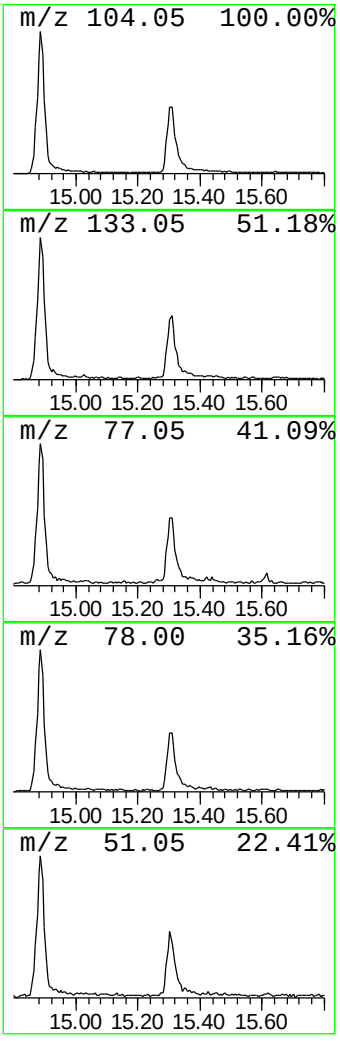
****

Peak Number 10 1H-Benzotriazole, 5-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	9.05 ng	293957	Acenaphthene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	97
2	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	96
3	1H-Indol-4-ol	133	C8H7NO	002380-94-1	72
4	2-Pyridinecarbonitrile	104	C6H4N2	000100-70-9	55
5	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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

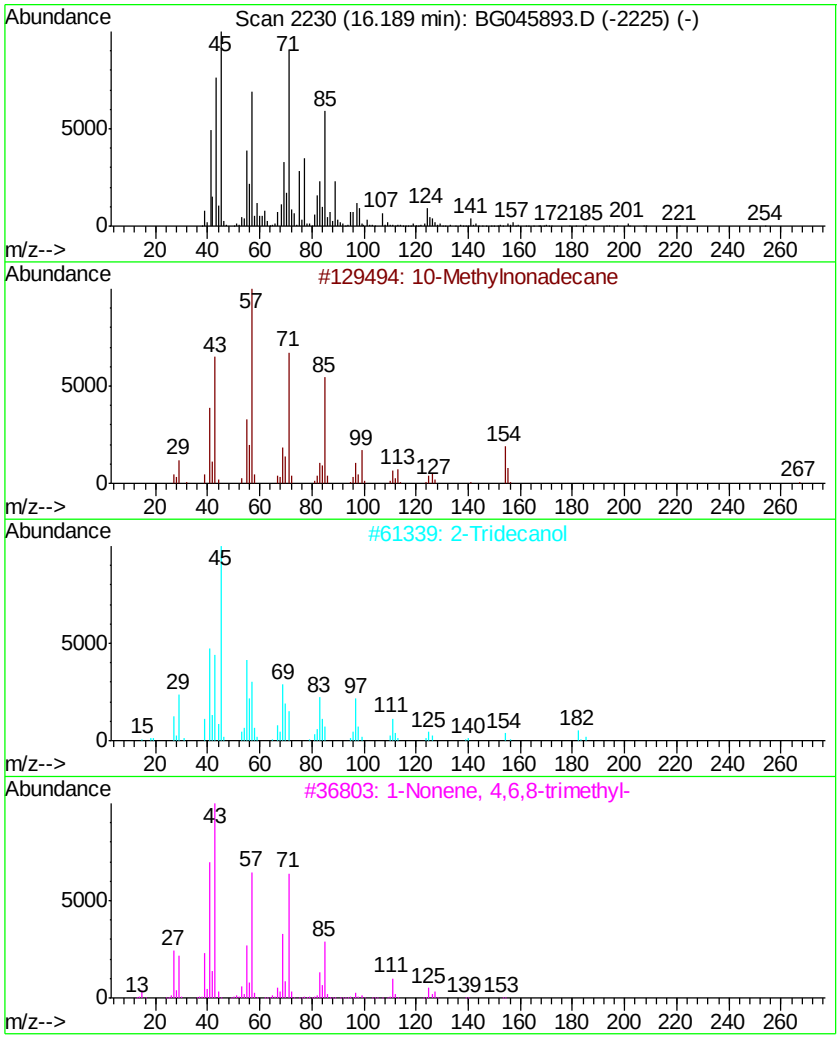
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

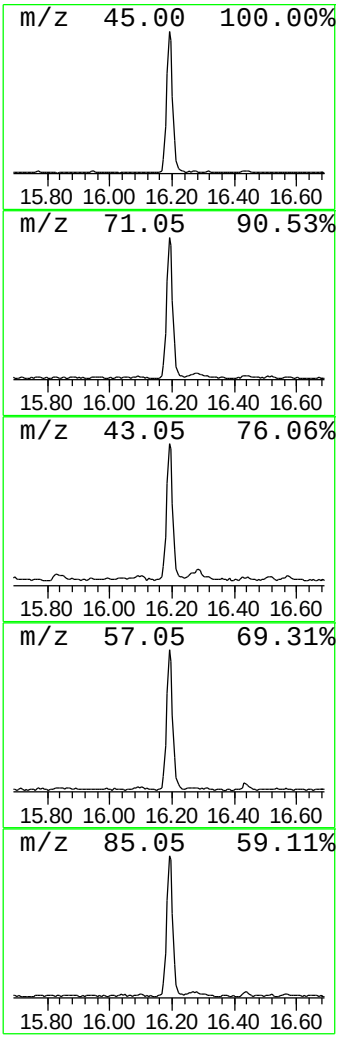
****

Peak Number 11 unknown16.19 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	35.78 ng	1399480	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	38
2	2-Tridecanol	200	C13H28O	001653-31-2	27
3	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	27
4	2-Bromononane	206	C9H19Br	002216-35-5	27
5	2-Undecanol	172	C11H24O	001653-30-1	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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

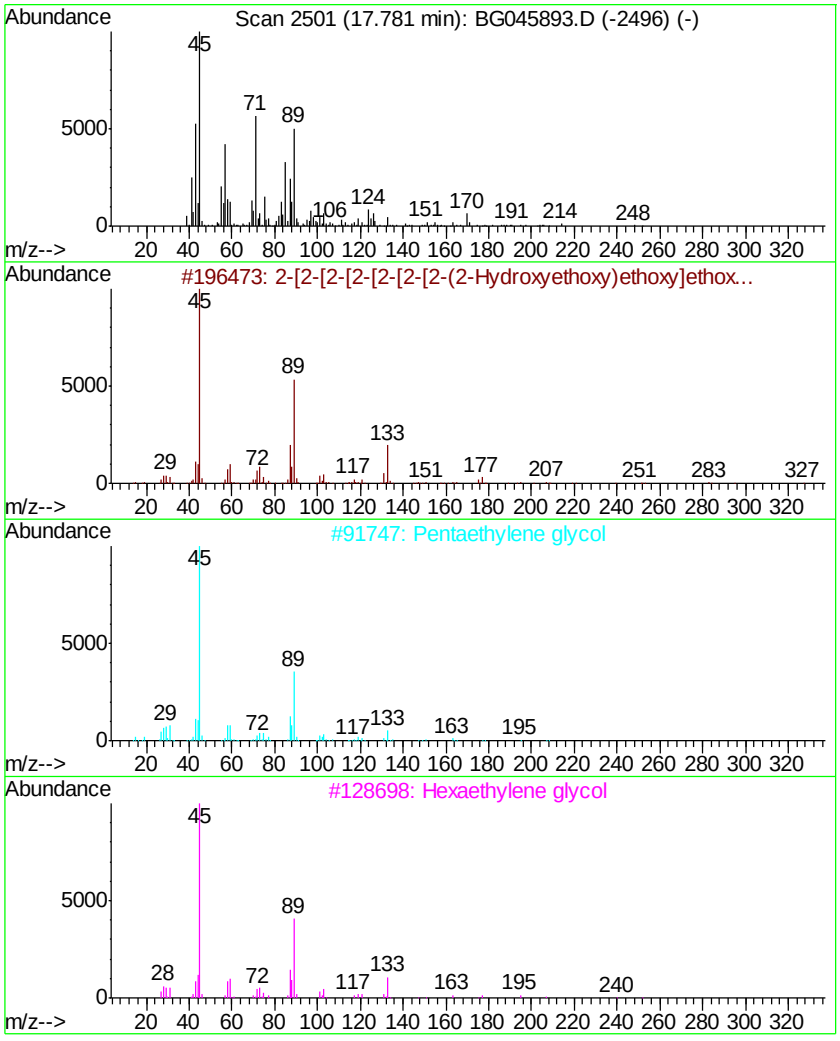
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

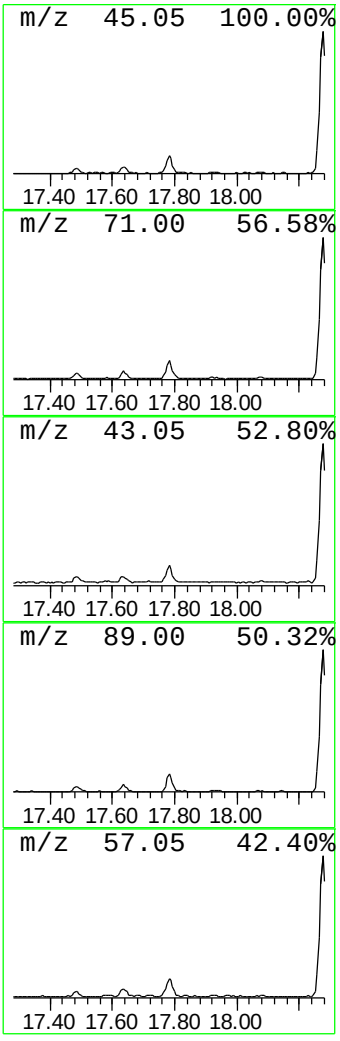
****

Peak Number 12 Pentaethylene glycol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	8.19 ng	320297	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	58
2	Pentaethylene glycol	238	C10H22O6	004792-15-8	58
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	52
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	52
5	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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

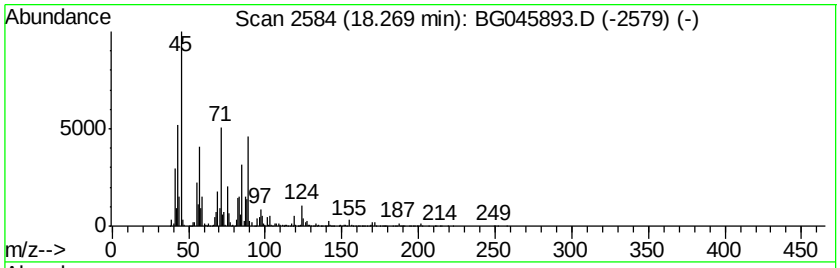
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

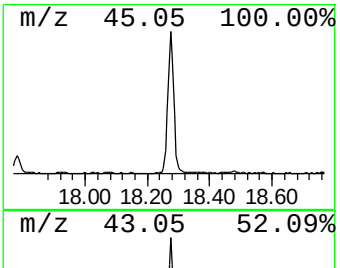
****

Peak Number 13 Pentaethylene glycol monodo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	69.33 ng	2711770	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	52
2	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	50
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	49
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	49
5	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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

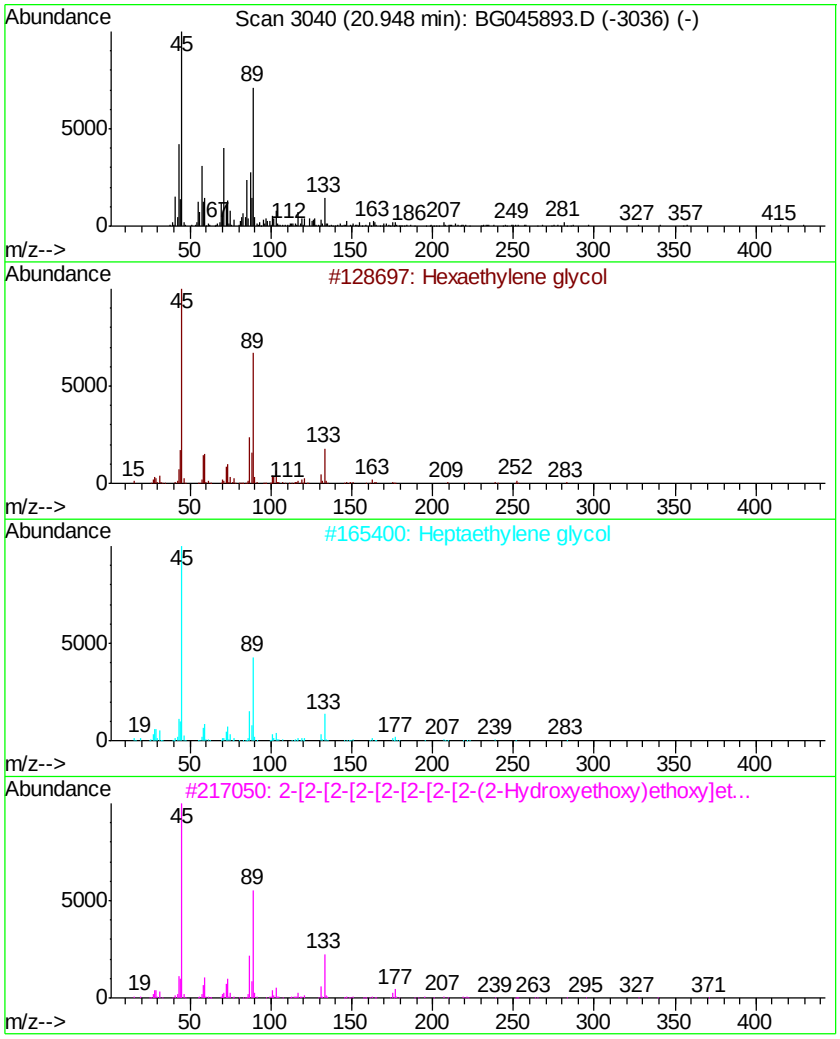
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

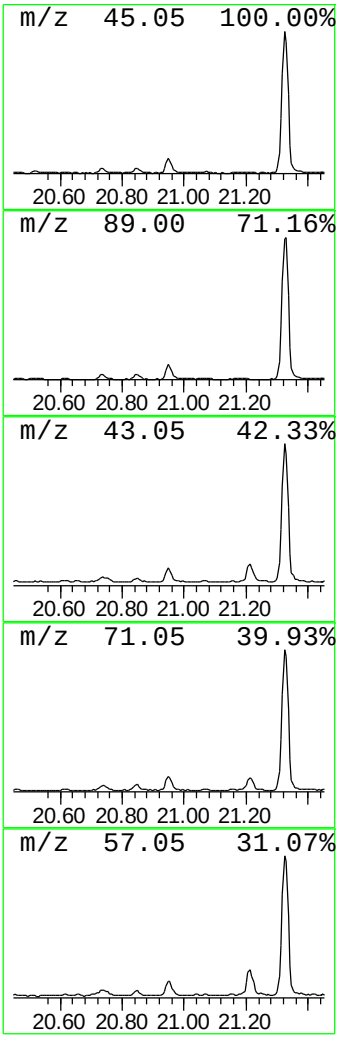
****

Peak Number 14 Hexaethylene glycol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	8.97 ng	359790	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol	282	C12H26O7	002615-15-8	76
2	Heptaethylene glycol	326	C14H30O8	005617-32-3	68
3	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	64
4	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	62
5	2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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

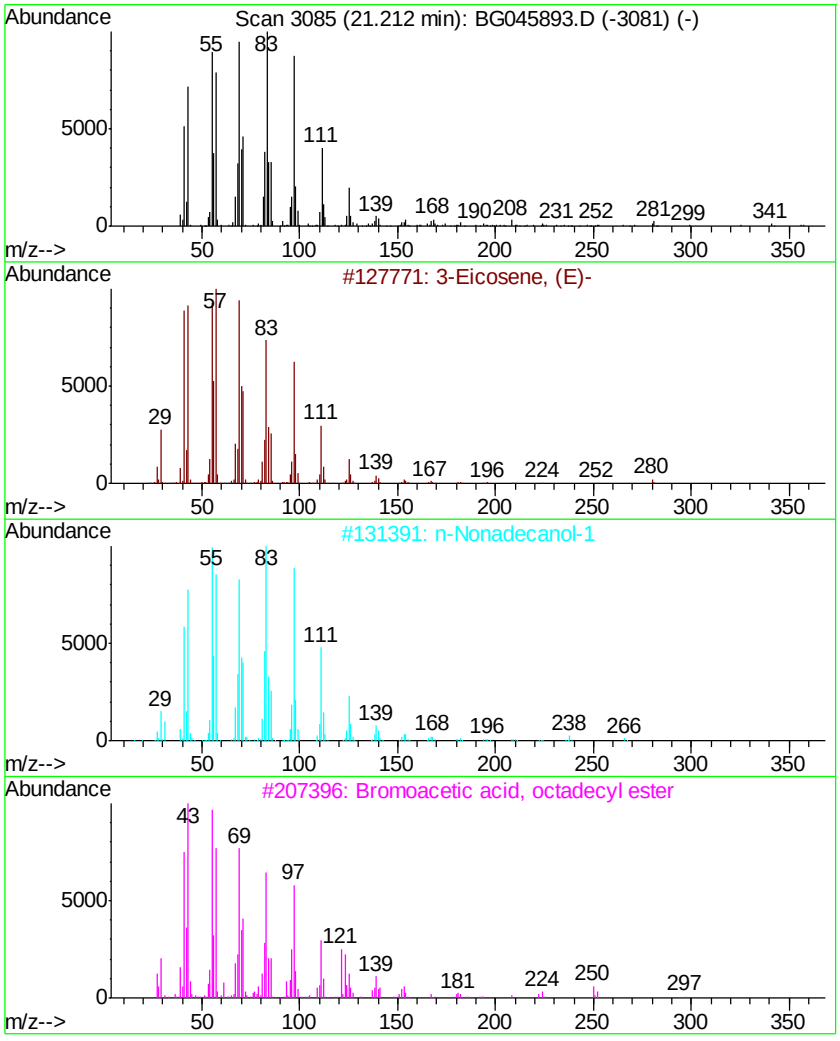
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

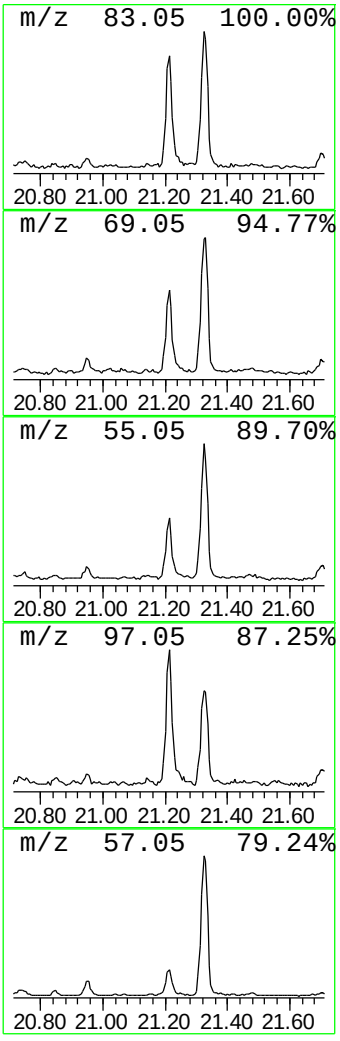
****

Peak Number 15 3-Eicosene, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.21	11.73 ng	470320	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
5	1-Heneicosanol	312	C21H44O	015594-90-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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

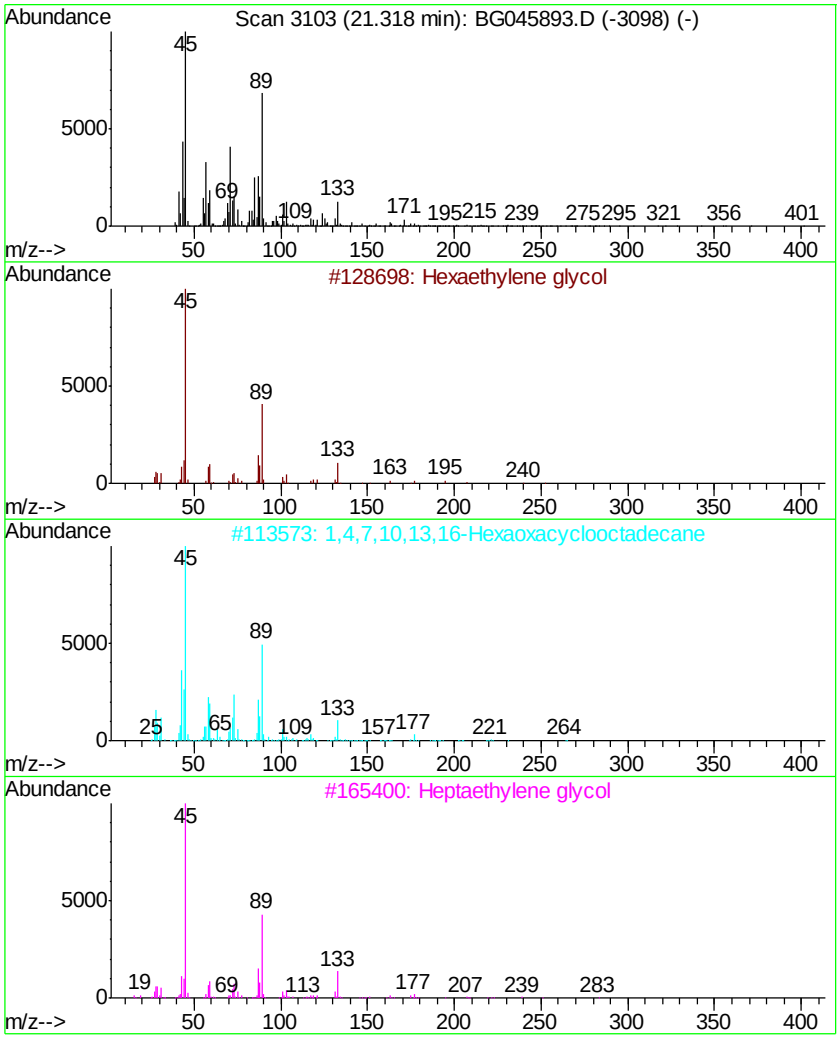
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

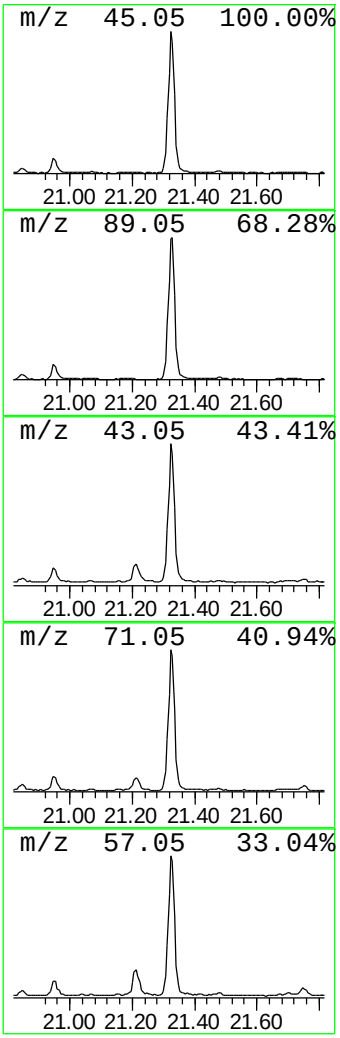
****

Peak Number 16 1,4,7,10,13,16-Hexaoxacyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	94.14 ng	3775080	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol	282	C12H26O7	002615-15-8	64
2	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	64
3	Heptaethylene glycol	326	C14H30O8	005617-32-3	58
4	2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	53
5	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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

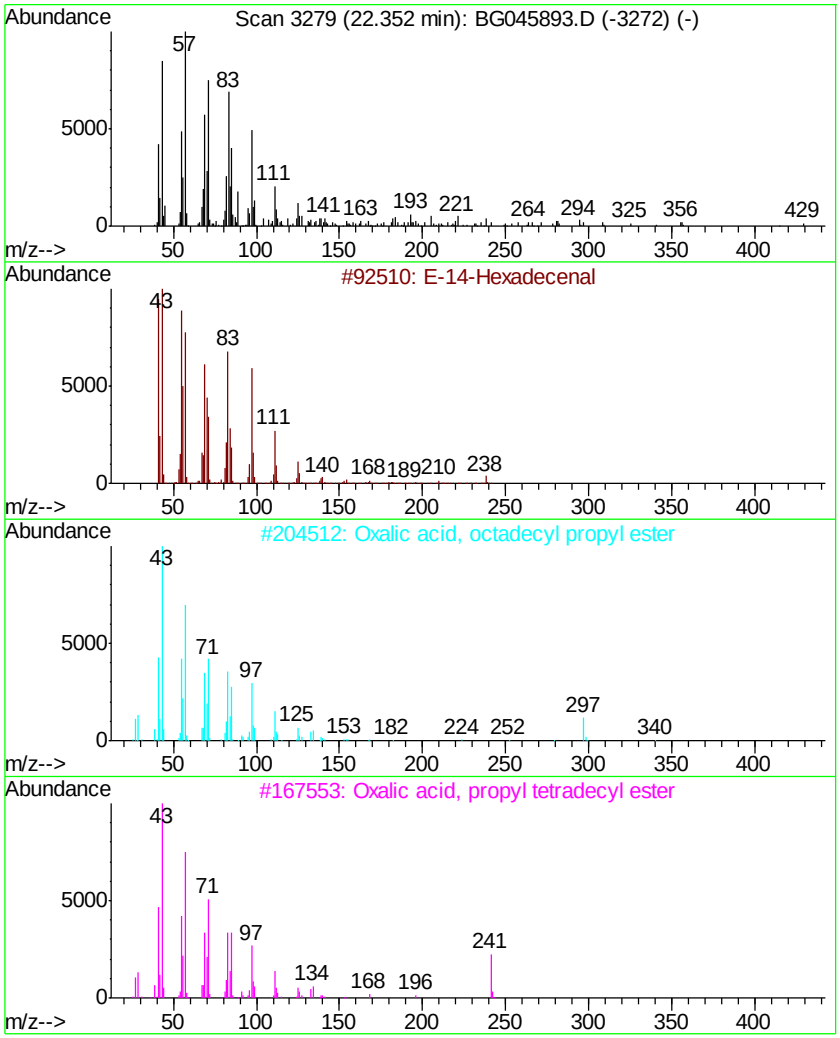
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

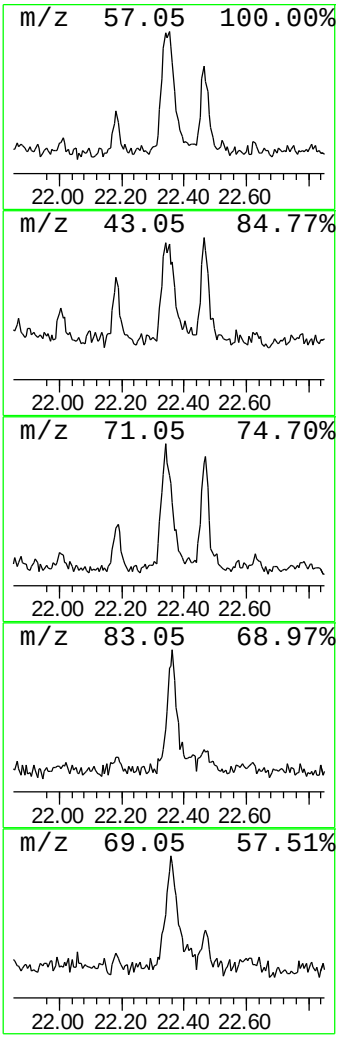
****

Peak Number 17 E-14-Hexadecenal Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.35	8.10 ng	324812	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal	238	C16H30O	330207-53-9	83
2	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	74
3	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	74
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	68
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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

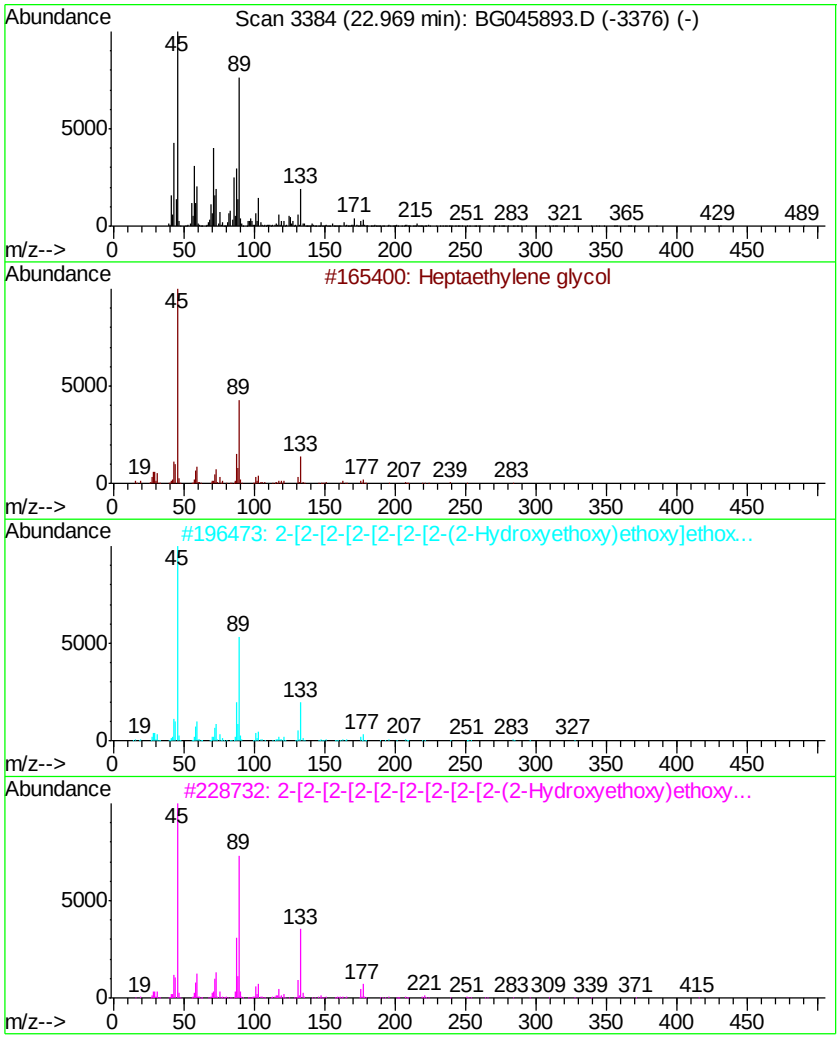
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

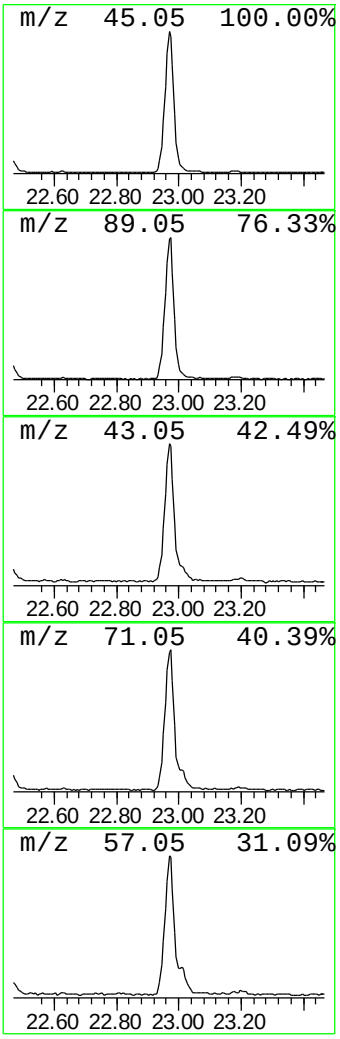
****

Peak Number 18 Heptaethylene glycol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	90.69 ng	3636370	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptaethylene glycol	326	C14H30O8	005617-32-3	80
2	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	80
3	2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	74
4	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	74
5	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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

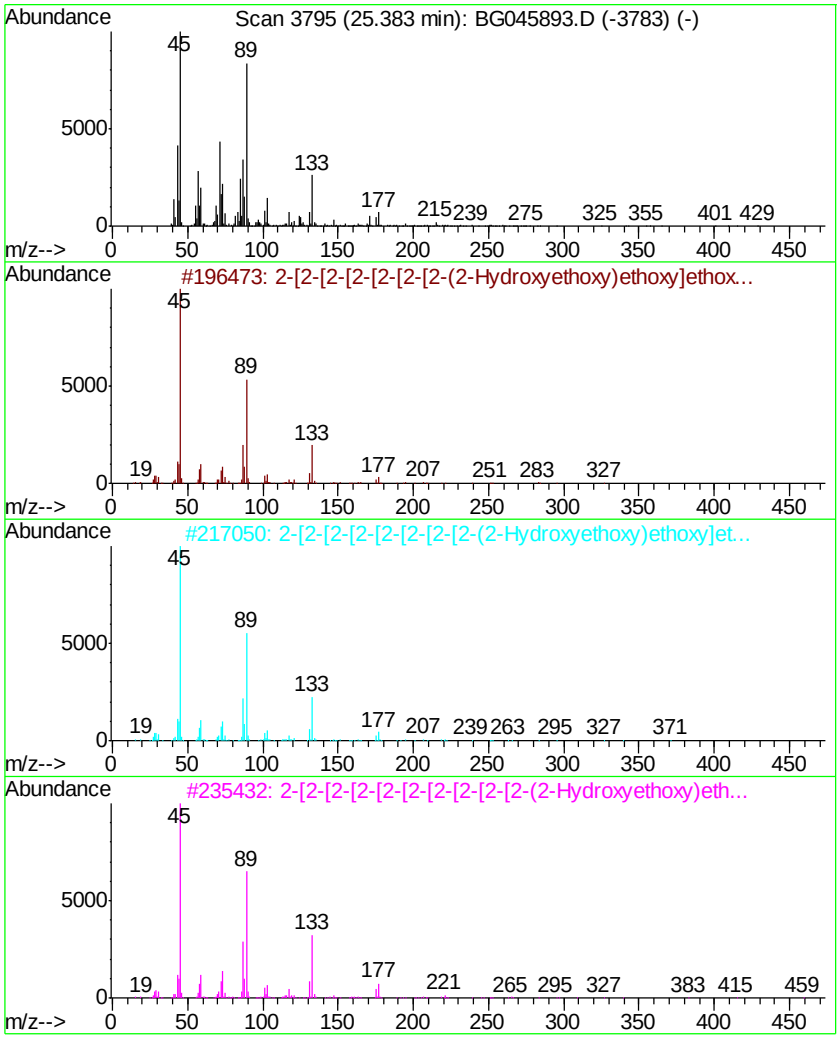
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

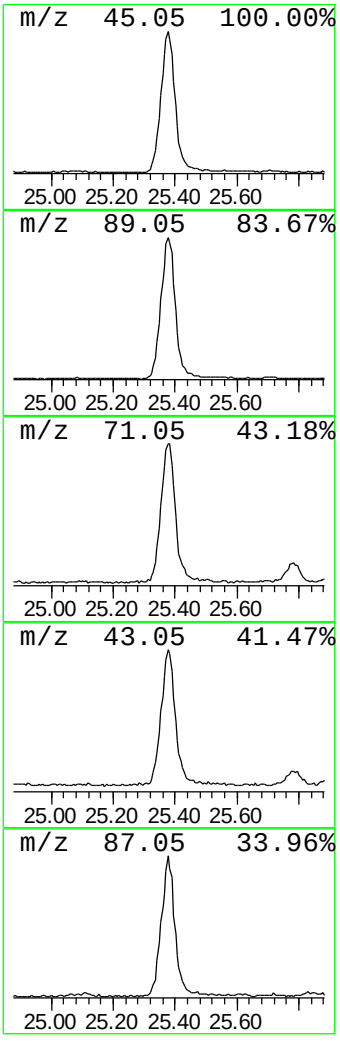
****

Peak Number 19 2-[2-[2-[2-[2-[2-[2-[2-[2-[... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.38	52.75 ng	2759810	Perylene-d12	24.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	83
2	2-[2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	83
3	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	80
4	2-[2-[2-[2-[2-[2-(2-Methoxyet...	384	C17H36O9	1000352-04-2	72
5	Heptaethylene glycol	326	C14H30O8	005617-32-3	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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

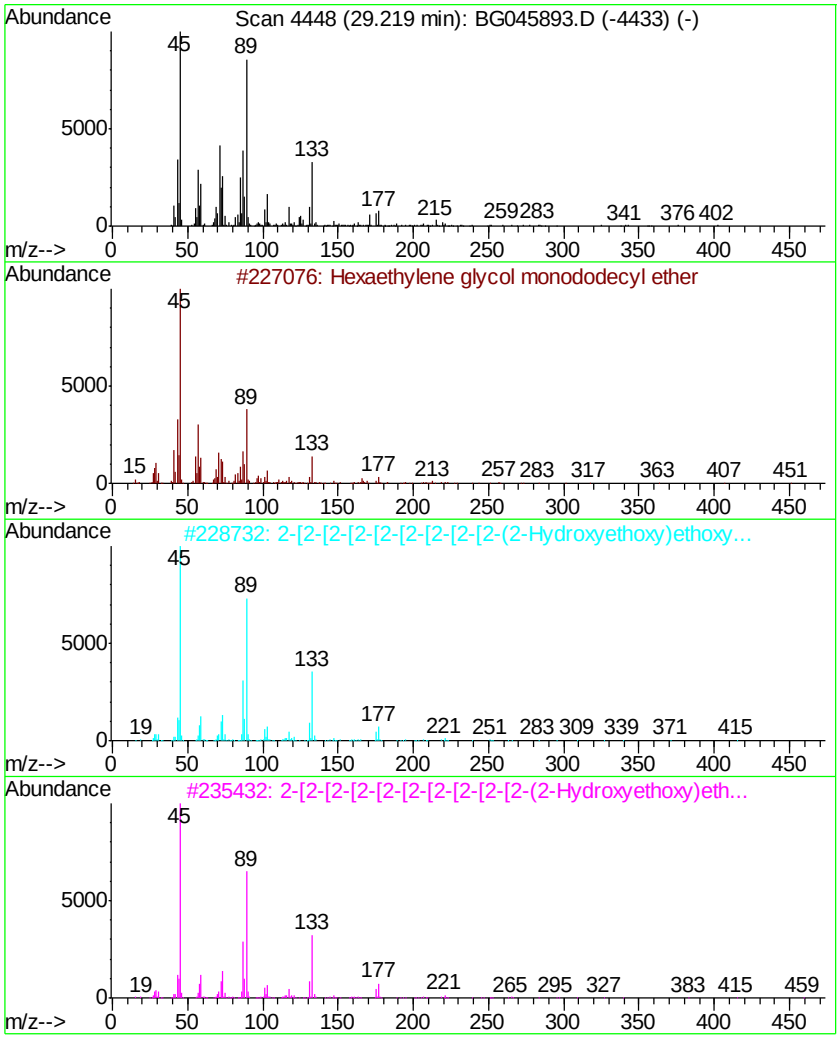
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

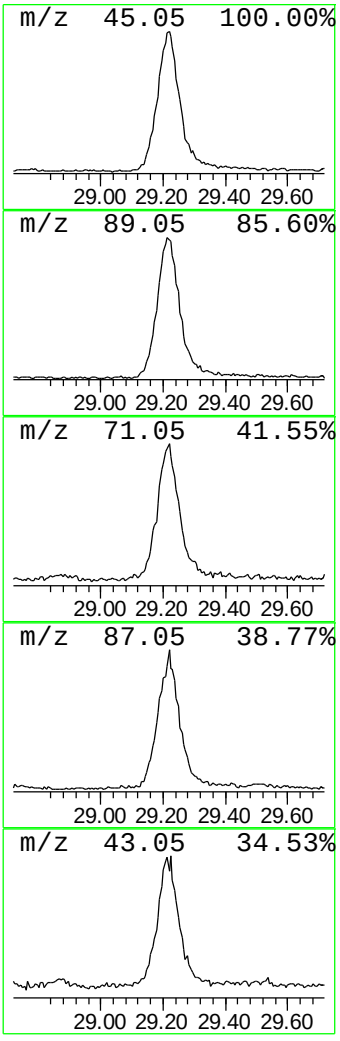
****

Peak Number 20 Hexaethylene glycol monodod... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.22	33.24 ng	1739020	Perylene-d12	24.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	83
2	2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	81
3	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	81
4	15-Crown-5	220	C10H20O5	033100-27-5	72
5	Heptaethylene glycol	326	C14H30O8	005617-32-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG063020\
Data File : BG045893.D
Acq On : 30 Jun 2020 20:47
Operator : CG/JU
Sample : L3129-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1446

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
Butanoic acid, 3-...	4.88	9.2	ng	168384	1	7.89	364702	20.0
Hexanoic acid, 2-...	5.03	7.7	ng	139597	1	7.89	364702	20.0
Hexanoic acid	7.01	7.7	ng	139480	1	7.89	364702	20.0
1-Hexanol, 2-ethyl-	7.97	47.0	ng	856915	1	7.89	364702	20.0
Ethanol, 2-phenoxy-	11.07	12.1	ng	278581	2	10.70	461168	20.0
Indole	12.22	7.7	ng	176632	2	10.70	461168	20.0
unknown13.52	13.52	10.8	ng	350875	3	14.55	649596	20.0
1H-Benzotriazole,...	14.89	21.8	ng	707321	3	14.55	649596	20.0
1H-Benzotriazole,...	15.30	9.1	ng	293957	3	14.55	649596	20.0
unknown16.19	16.19	35.8	ng	1399480	4	17.30	782330	20.0
Pentaethylene glycol	17.78	8.2	ng	320297	4	17.30	782330	20.0
Pentaethylene gly...	18.27	69.3	ng	2711770	4	17.30	782330	20.0
Hexaethylene glycol	20.95	9.0	ng	359790	5	21.56	801977	20.0
3-Eicosene, (E)-	21.21	11.7	ng	470320	5	21.56	801977	20.0
1,4,7,10,13,16-He...	21.32	94.1	ng	3775080	5	21.56	801977	20.0
E-14-Hexadecenal	22.35	8.1	ng	324812	5	21.56	801977	20.0
Heptaethylene glycol	22.97	90.7	ng	3636370	5	21.56	801977	20.0
2-[2-[2-[2-[2-[2-...	25.38	52.8	ng	2759810	6	24.68	1046310	20.0
Hexaethylene glyc...	29.22	33.2	ng	1739020	6	24.68	1046310	20.0