LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

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-BG102119.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	3.173	9	14	26	rVB	651504	1020394	8.59%	2.092%
2	5.594	420	426	438	rBV	349969	620484	5.23%	1.272%
3	7.192	691	698	718	rVB2	251358	561365	4.73%	1.151%
4	7.551	750	759	769	rBV	575698	1027319	8.65%	2.106%
5	8.009	831	837	844	rBV2	140226	246398	2.07%	0.505%
6	8.332	886	892	904	rVB	436448	768773	6.47%	1.576%
7	9.172	1020	1035	1045	rBV	326335	669278	5.64%	1.372%
8	9.537	1056	1097	1102	rBV	479227	3415036	28.76%	7.001%
9	9.895	1153	1158	1176	rBV3	44685	121141	1.02%	0.248%
10	10.224	1197	1214	1224	rBV2	146952	551385	4.64%	1.130%
11	10.817	1304	1315	1321	rBV	181214	355784	3.00%	0.729%
12	11.176	1369	1376	1394	rBV	285437	632076	5.32%	1.296%
13	12.069	1473	1528	1529	rBV	877399	7699061	64.84%	15.784%
14	13.262	1725	1731	1738	rBV	1020457	1574283	13.26%	3.227%
15	13.849	1827	1831	1836	rVB3	72413	127158	1.07%	0.261%
16	13.984	1850	1854	1864	rVB2	63283	131294	1.11%	0.269%
17	14.090	1866	1872	1879	rBV	275260	413268	3.48%	0.847%
18	14.284	1899	1905	1915	rBV	855001	1470444	12.38%	3.015%
19	14.648	1935	1967	1969	rBV2	2199022	11874635	100.00%	24.344%
20	14.983	2017	2024	2030	rVB2	388207	790975	6.66%	1.622%
21	15.289	2071	2076	2085	rBV	383768	640066	5.39%	1.312%
22	15.412	2090	2097	2105	rVV	368754	859318	7.24%	1.762%
23	15.483	2105	2109	2116	rVB	113432	170050	1.43%	0.349%
24	16.135	2212	2220	2233	rBV	940580	1585566	13.35%	3.251%
25	16.340	2251	2255	2258	rBV	186840	259725	2.19%	0.532%
26	16.522	2282	2286	2294	rBV3	83573	156328	1.32%	0.320%
27	17.134	2386	2390	2395	rBV	177522	213650	1.80%	0.438%
28	17.386	2428	2433	2439	rBV	415176	617046	5.20%	1.265%
29	17.604	2465	2470	2475	rVB	374430	461348	3.89%	0.946%
30	17.874	2512	2516	2522	rVB	160775	207181	1.74%	0.425%
31	18.291	2582	2587	2593	rBV	471004	703570	5.92%	1.442%
32	18.344	2593	2596	2600	rVB	208736	251802	2.12%	0.516%
33	18.561	2629	2633	2642	rVB2	273173	423801	3.57%	0.869%
34	19.202	2737	2742	2750	rVB2	220349	388509	3.27%	0.796%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

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-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.554	2798	2802	2810	rVB2	252172	345298	2.91%	0.708%
36	20.001	2872	2878	2888	rVB	2197129	2937473	24.74%	6.022%
37	20.171	2903	2907	2915	rVB	267840	393749	3.32%	0.807%
38	20.688	2991	2995	3003	rVB2	273709	377037	3.18%	0.773%
39	20.794	3010	3013	3017	rVB	104450	118976	1.00%	0.244%
40	21.293	3094	3098	3108	rVB	349056	584416	4.92%	1.198%
41	21.540	3136	3140	3142	rBV	89745	119266	1.00%	0.245%
42	21.570	3142	3145	3152	rVB	193382	288402	2.43%	0.591%
43	21.658	3154	3160	3166	rBV2	465606	811163	6.83%	1.663%
44	22.151	3240	3244	3257	rBV2	166269	358342	3.02%	0.735%
45	23.127	3406	3410	3417	rVB2	90688	176345	1.49%	0.362%
46	23.315	3438	3442	3451	rVB4	102677	224744	1.89%	0.461%
47	24.854	3695	3704	3715	rVB2	354064	1034501	8.71%	2.121%

Sum of corrected areas: 48778223

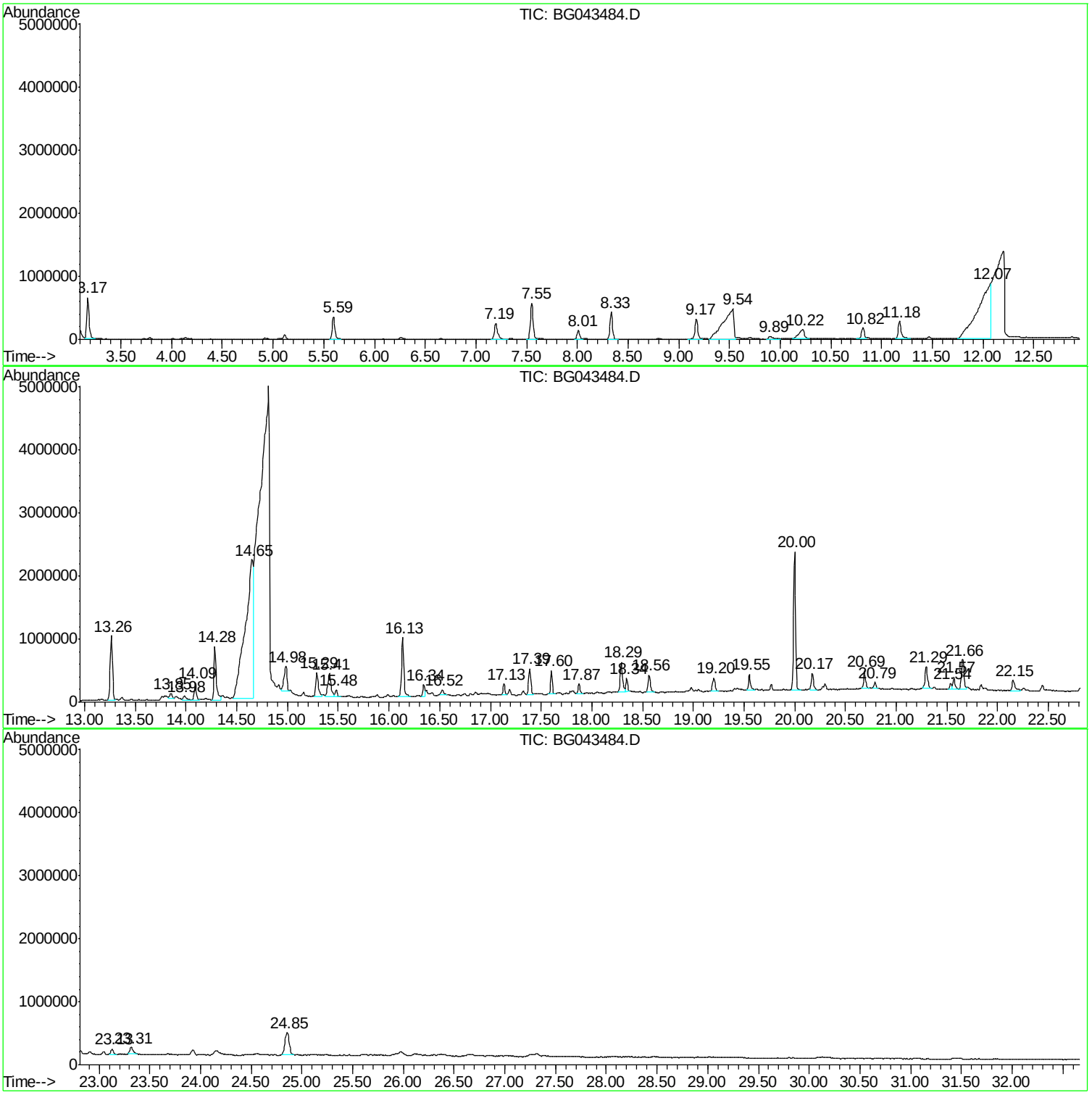
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

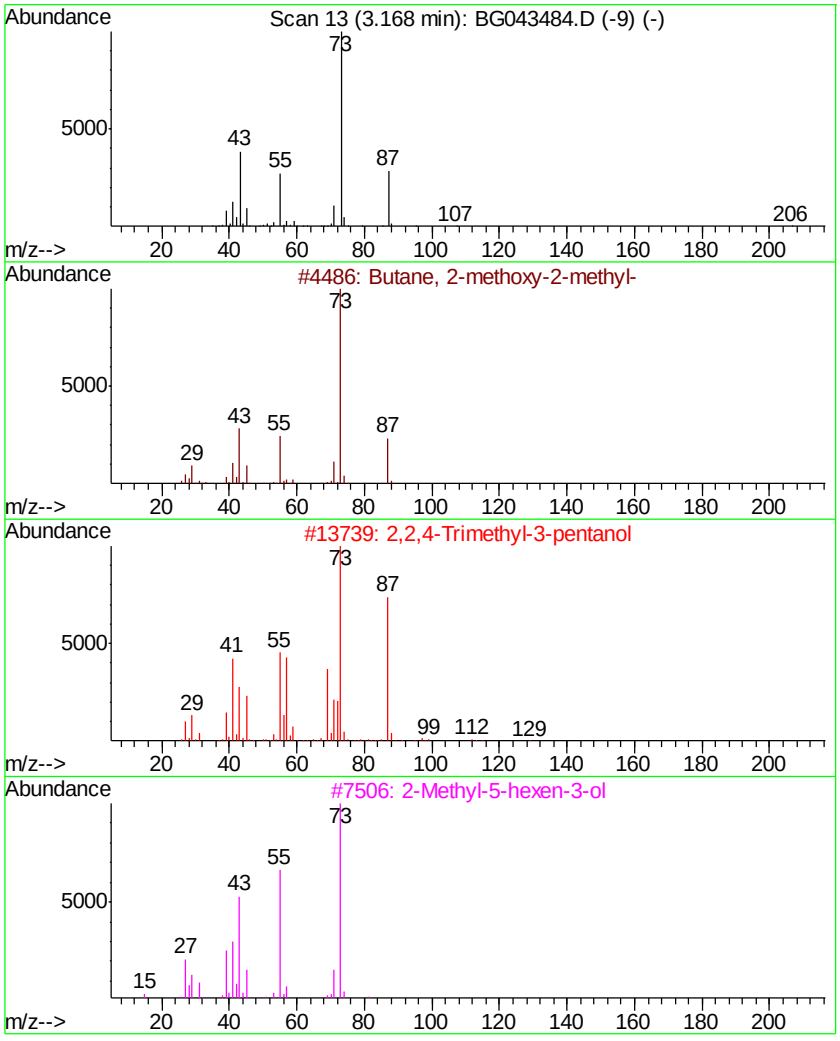
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

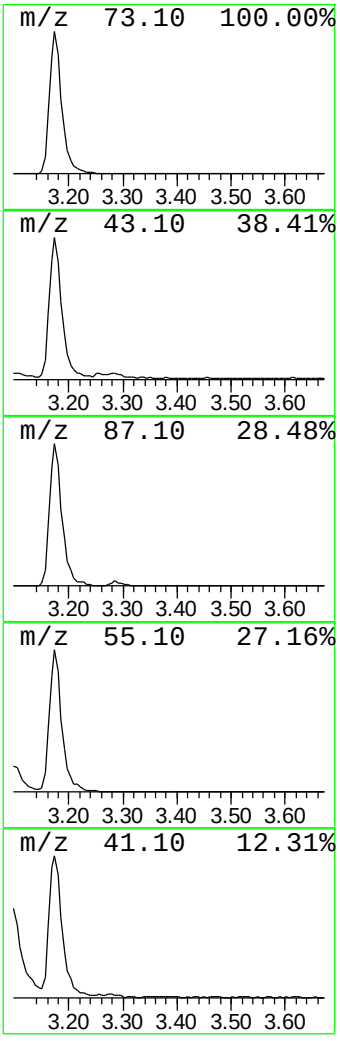
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	82.82 ng	1020390	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

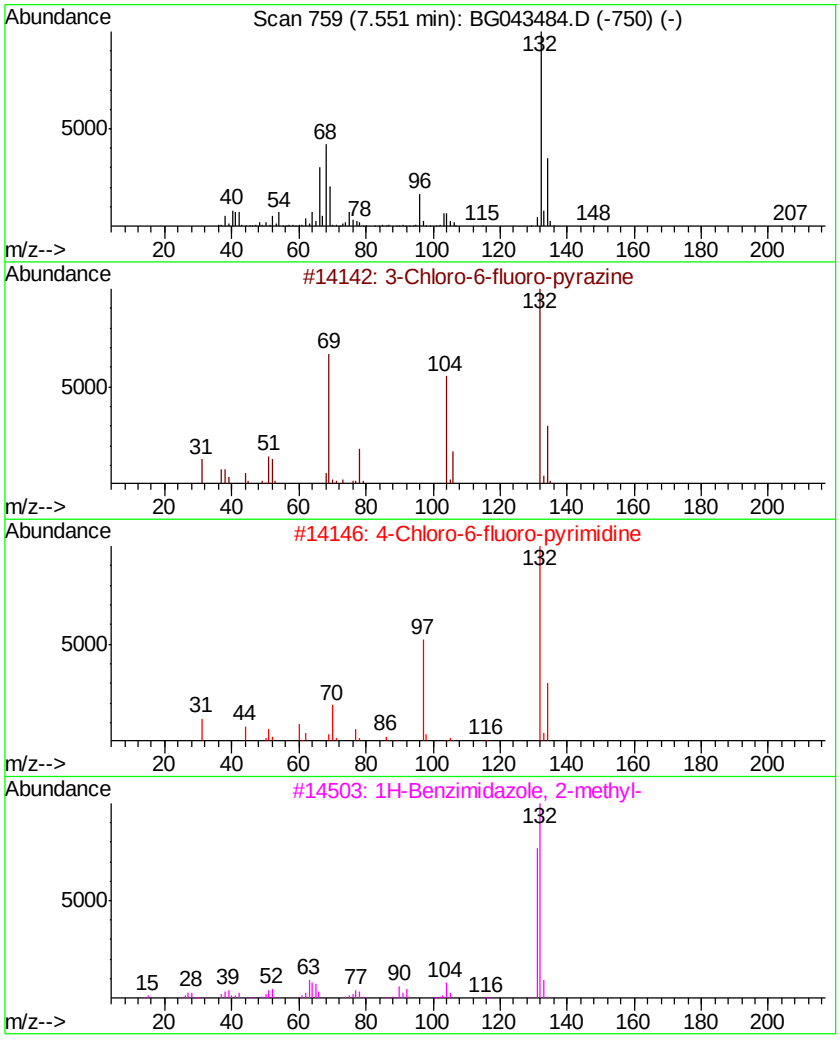
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

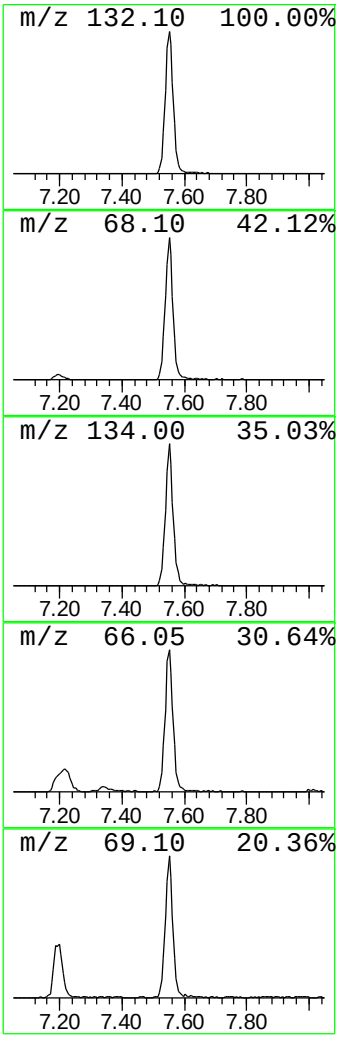
****

Peak Number 2 unknown7.55 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	83.39 ng	1027320	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

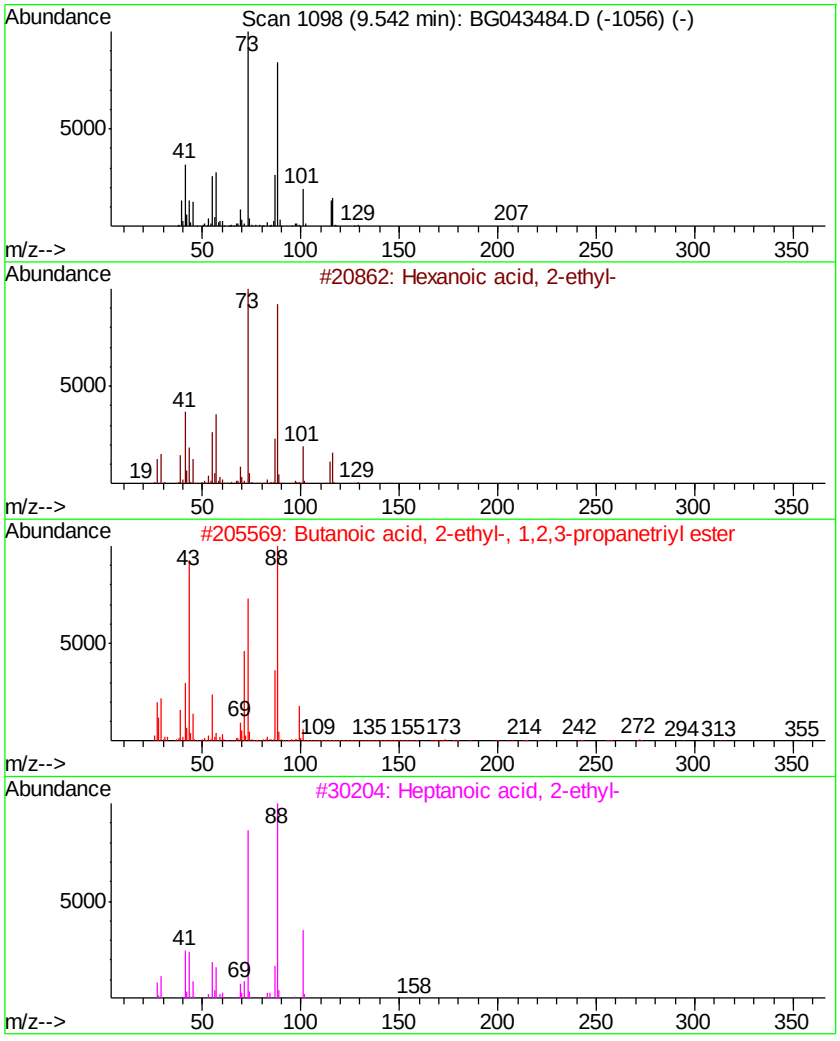
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

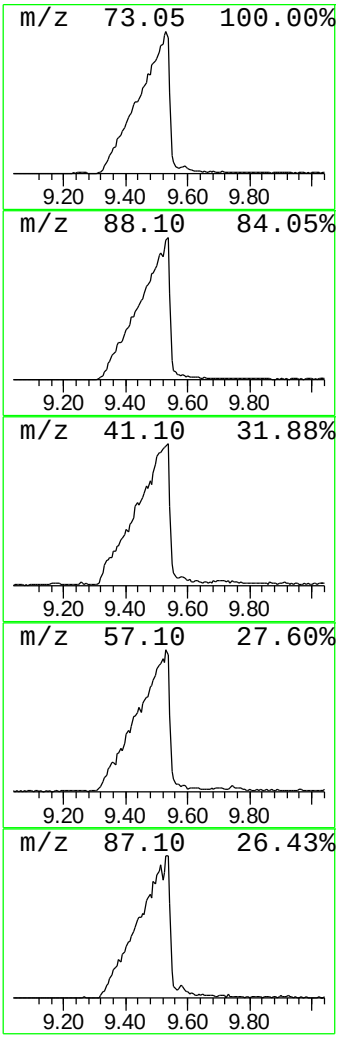
****

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	191.97 ng	3415040	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42
4	1,4-Dioxane	88	C4H8O2	000123-91-1	38
5	Methyl-4-deoxy-2,3-di-O-methyl.b...	218	C9H14O6	1000312-09-9	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

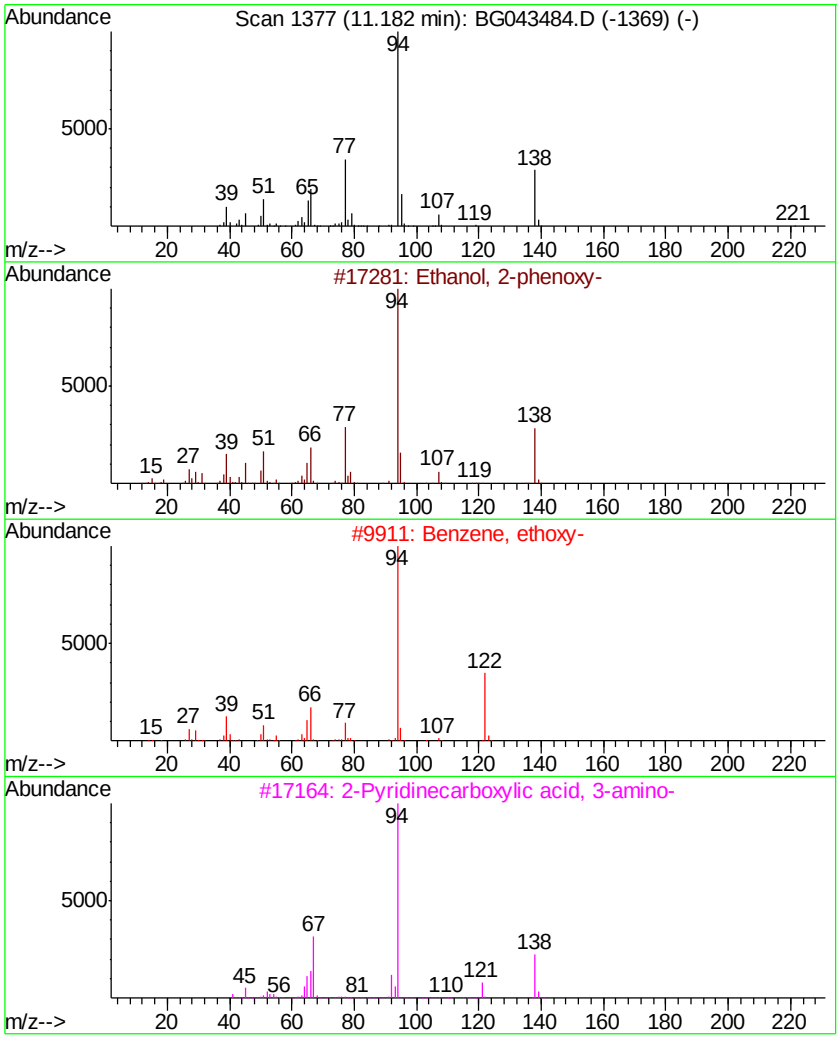
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

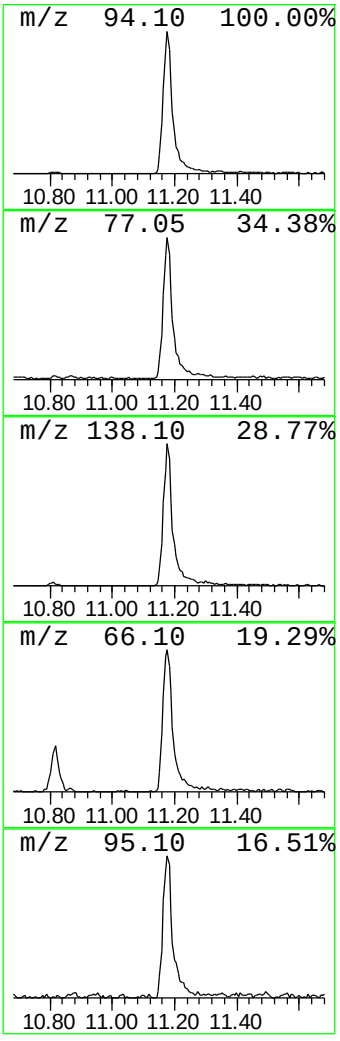
****

Peak Number 5 Ethanol, 2-phenoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	35.53 ng	632076	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	94
2	Benzene, ethoxy-	122	C8H10O	000103-73-1	64
3	2-Pyridinecarboxylic acid, 3-amino-	138	C6H6N2O2	001462-86-8	64
4	Phenol	94	C6H6O	000108-95-2	53
5	Butanoic acid, 4-phenoxy-	180	C10H12O3	006303-58-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

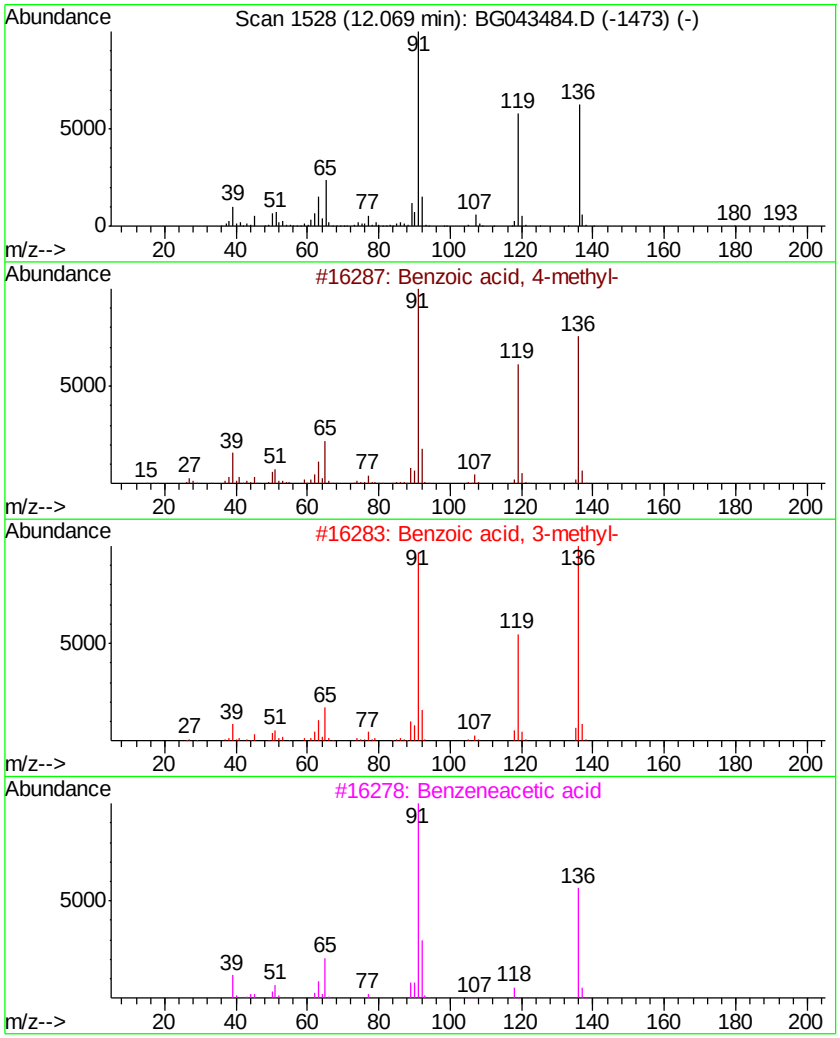
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

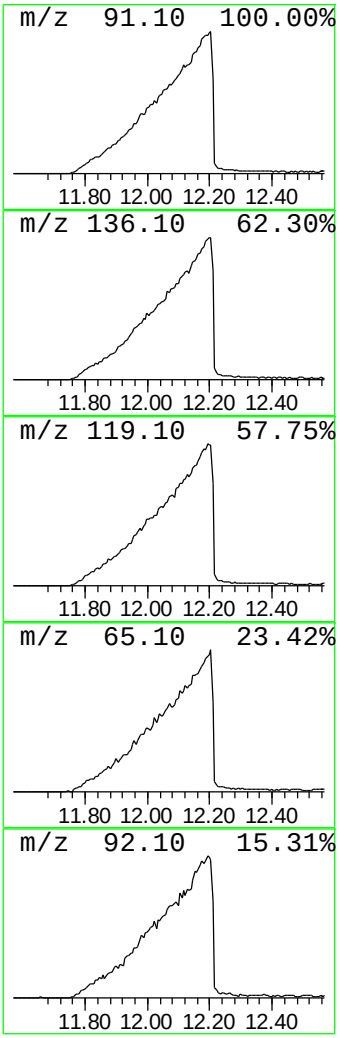
****

Peak Number 6 Benzoic acid, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	432.79 ng	7699060	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	97
2	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	83
3	Benzeneacetic acid	136	C8H8O2	000103-82-2	53
4	Ethanone, 2,2-dichloro-1-(4-meth...	202	C9H8Cl2O	004974-59-8	52
5	m-Toluamide	135	C8H9NO	000618-47-3	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

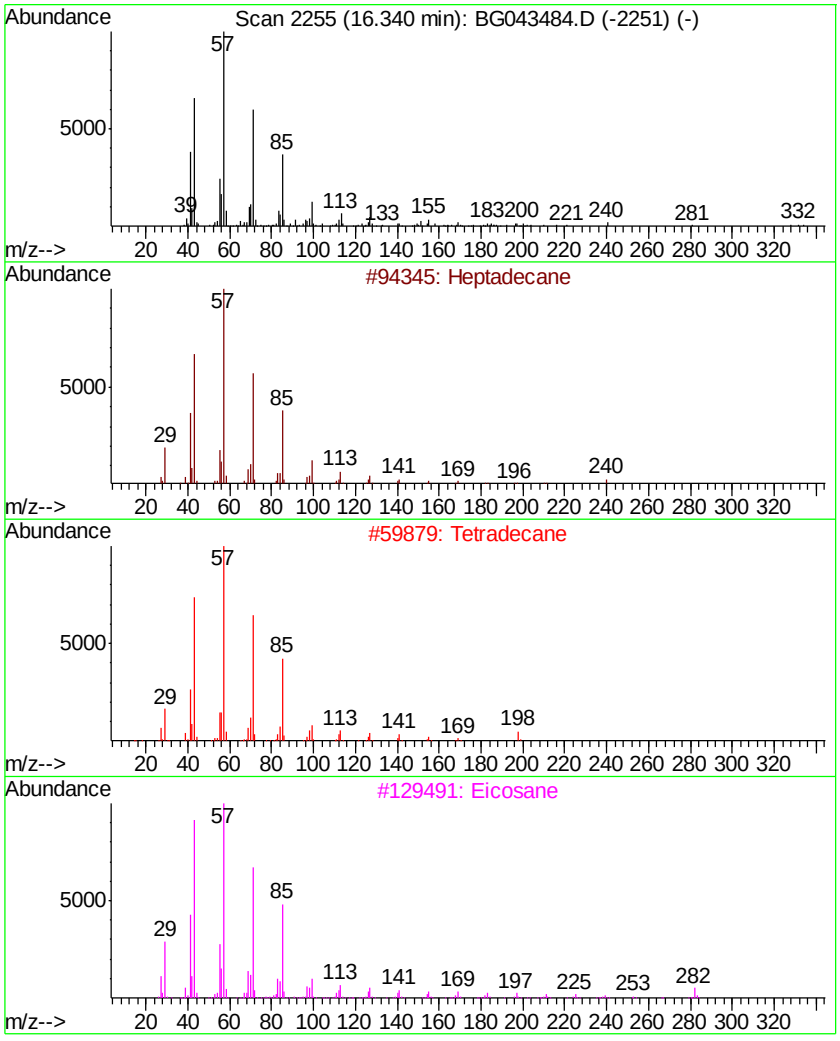
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

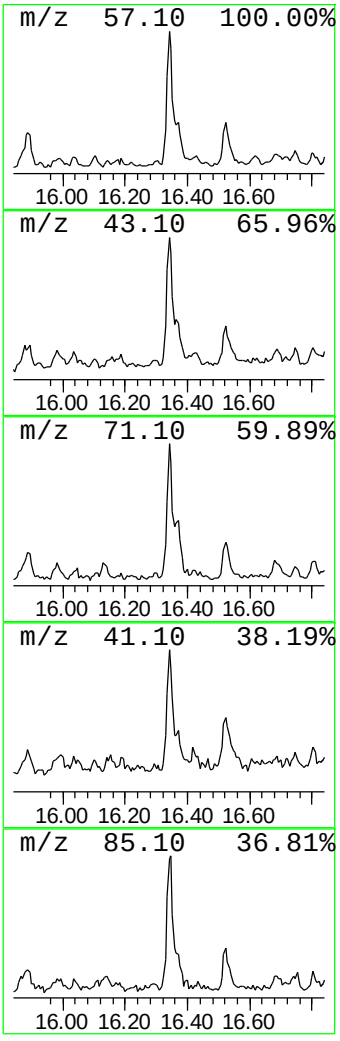
****

Peak Number 7 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	8.42 ng	259725	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tetradecane	198	C14H30	000629-59-4	93
3	Eicosane	282	C20H42	000112-95-8	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Octadecane	254	C18H38	000593-45-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

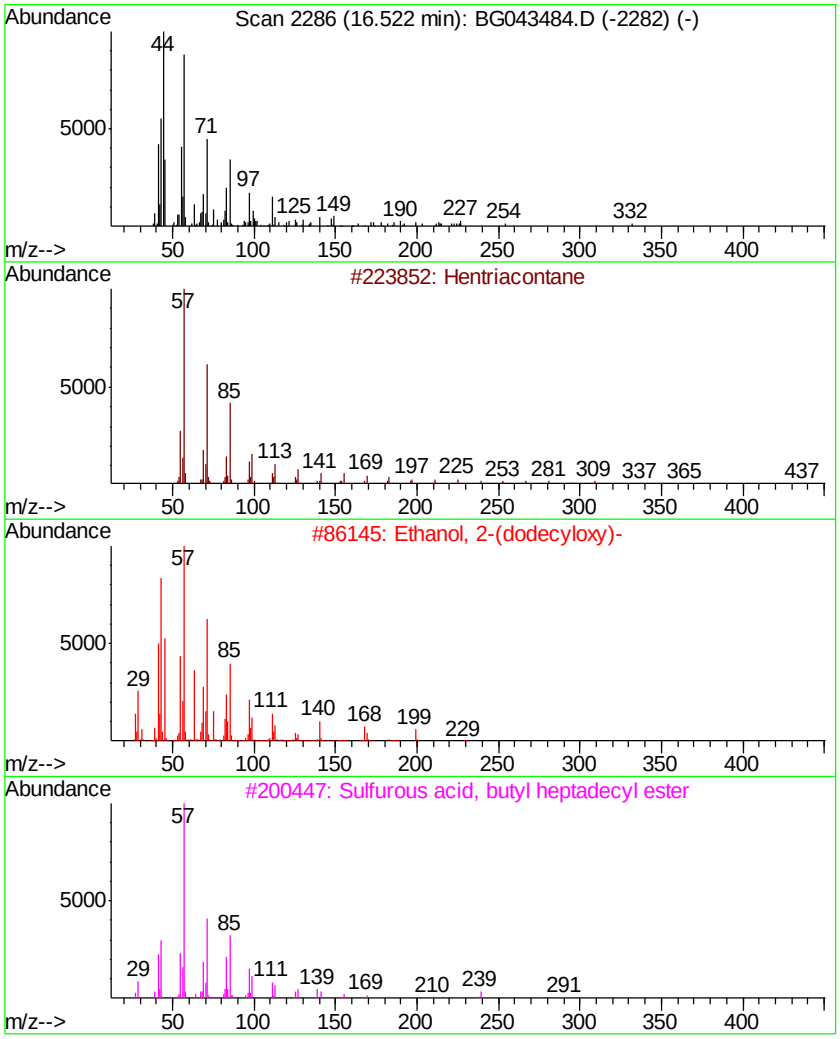
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

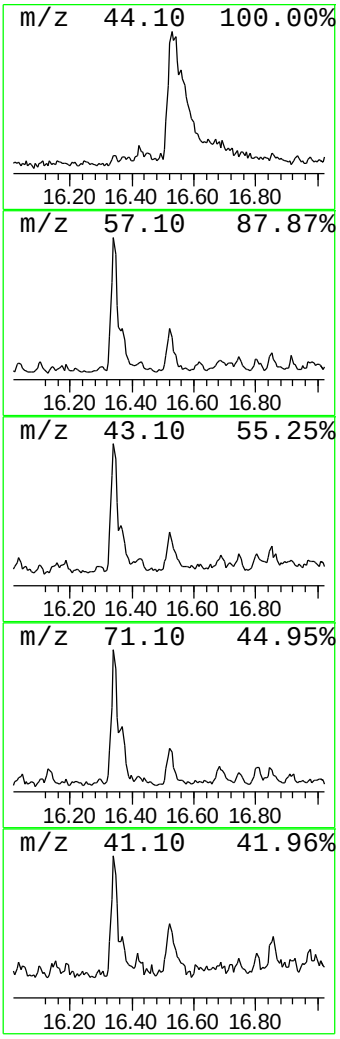
****

Peak Number 8 Hentriacontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	5.07 ng	156328	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	50
2	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	49
3	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	38
4	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	27
5	8-[N-Aziridylethylamino]-2,6-dim...	224	C14H28N2	1000256-01-2	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

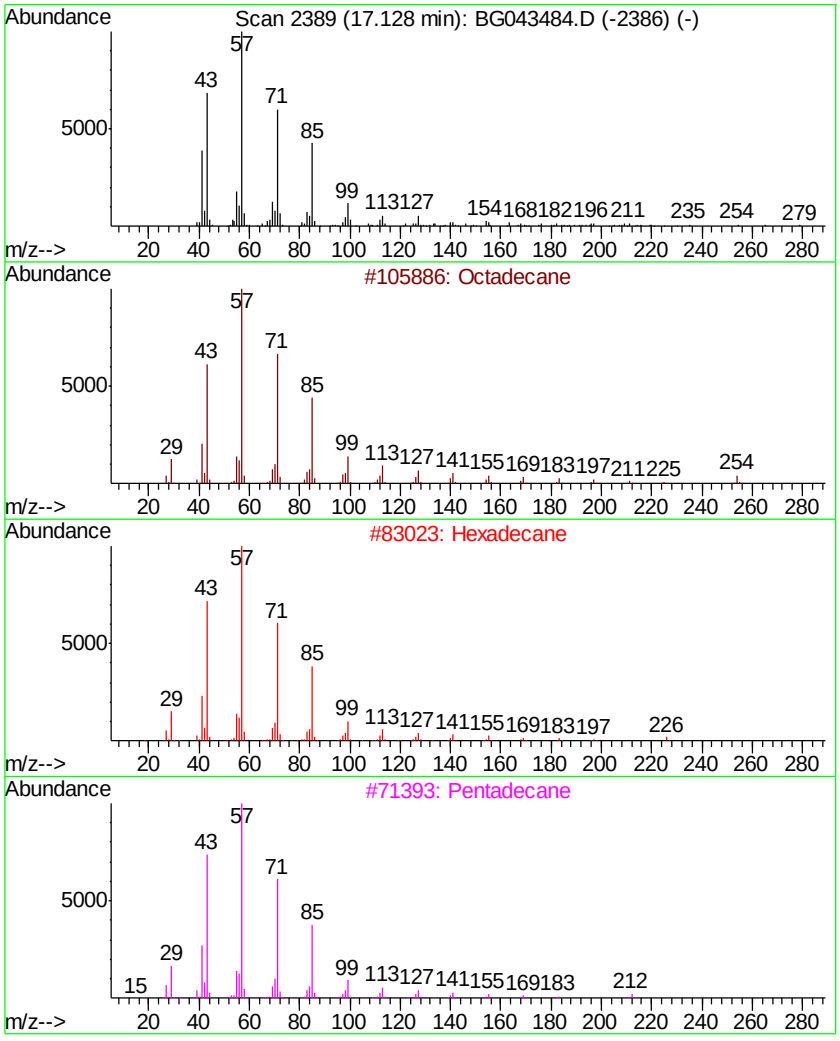
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

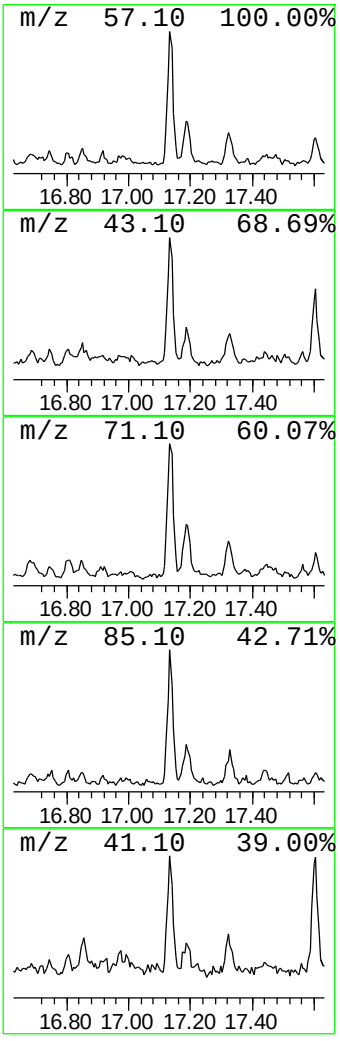
****

Peak Number 9 Octadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	6.92 ng	213650	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Hexadecane	226	C16H34	000544-76-3	87
3	Pentadecane	212	C15H32	000629-62-9	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetradecane	198	C14H30	000629-59-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

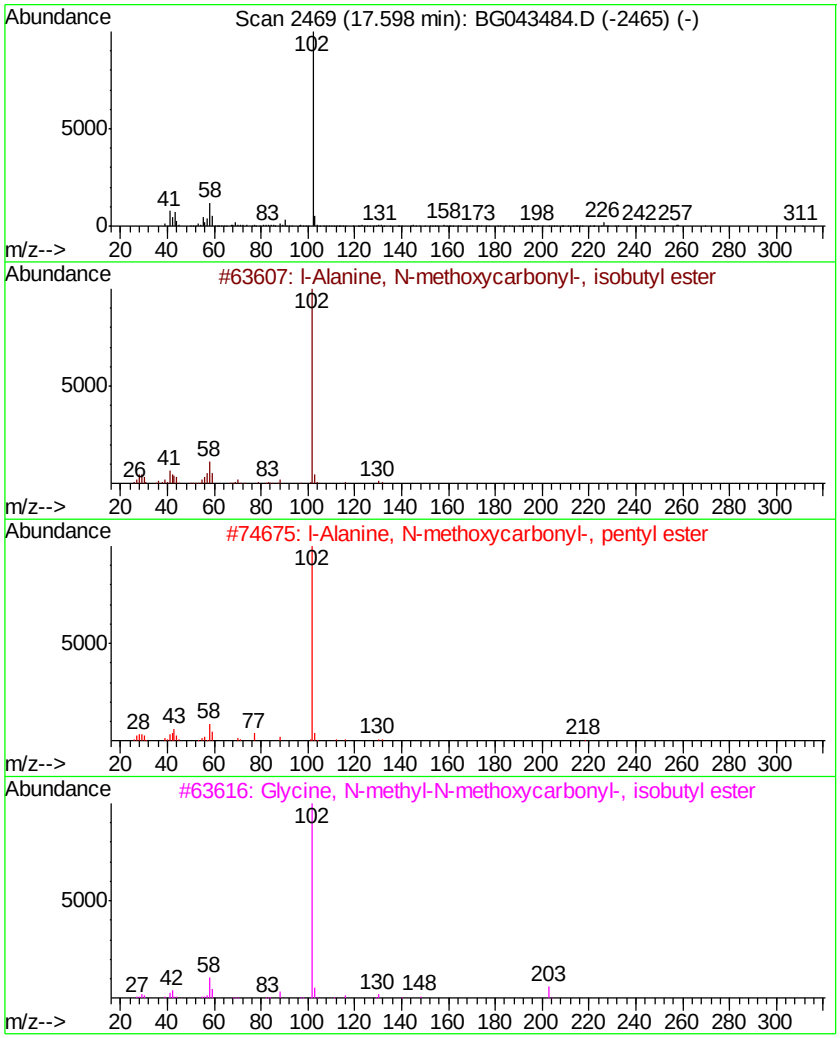
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

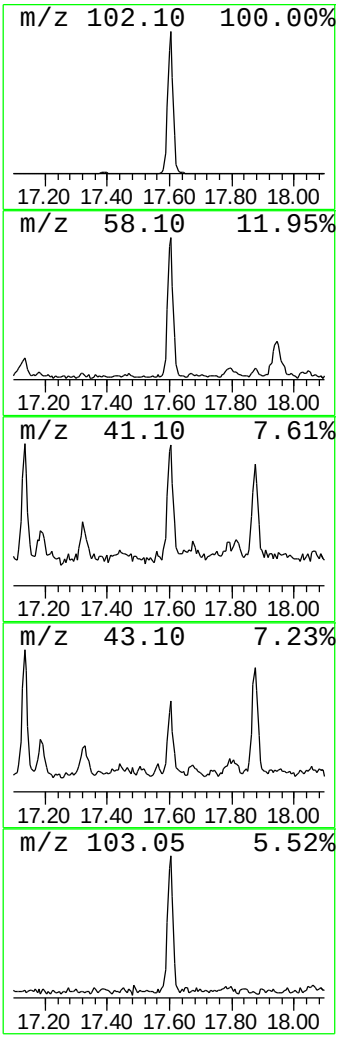
****

Peak Number 10 l-Alanine, N-methoxycarbony... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	14.95 ng	461348	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	l-Alanine, N-methoxycarbonyl-, i...	203	C9H17NO4	1000313-37-2	72
2	l-Alanine, N-methoxycarbonyl-, p...	217	C10H19NO4	1000313-37-4	72
3	Glycine, N-methyl-N-methoxycarbo...	203	C9H17NO4	1000320-60-3	72
4	l-Alanine, N-methoxycarbonyl-, i...	231	C11H21NO4	1000313-37-5	72
5	l-Alanine, N-methoxycarbonyl-, d...	287	C15H29NO4	1000313-37-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

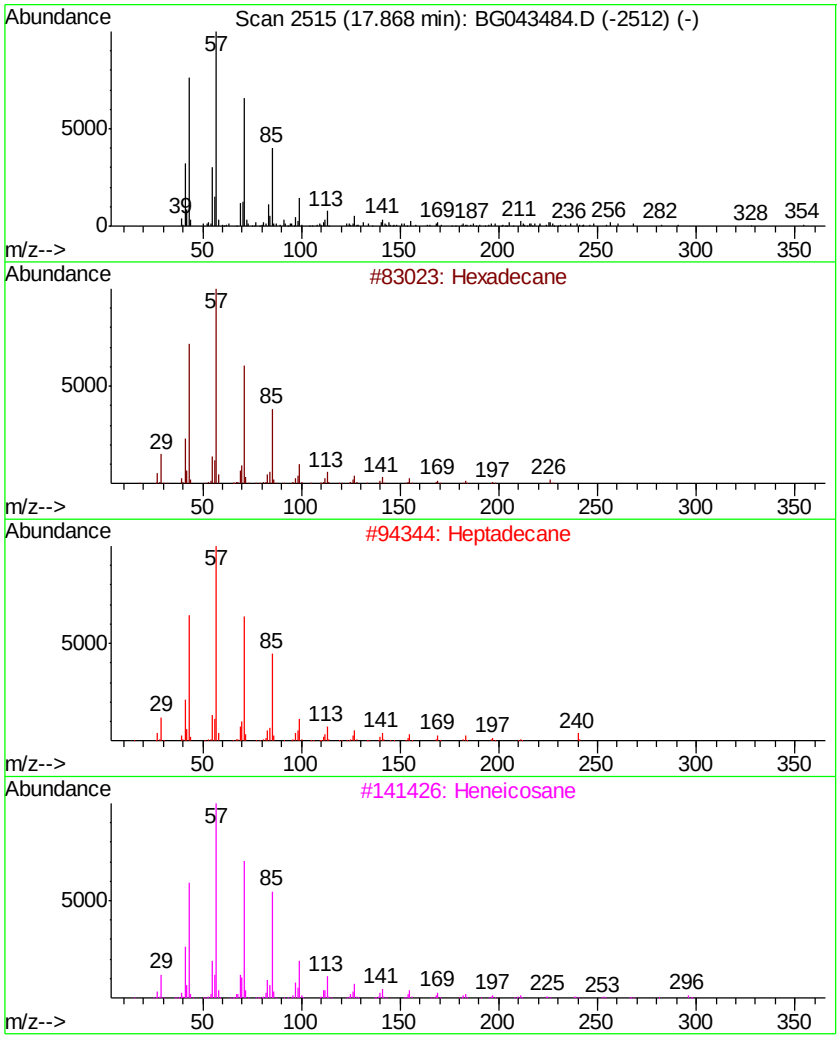
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

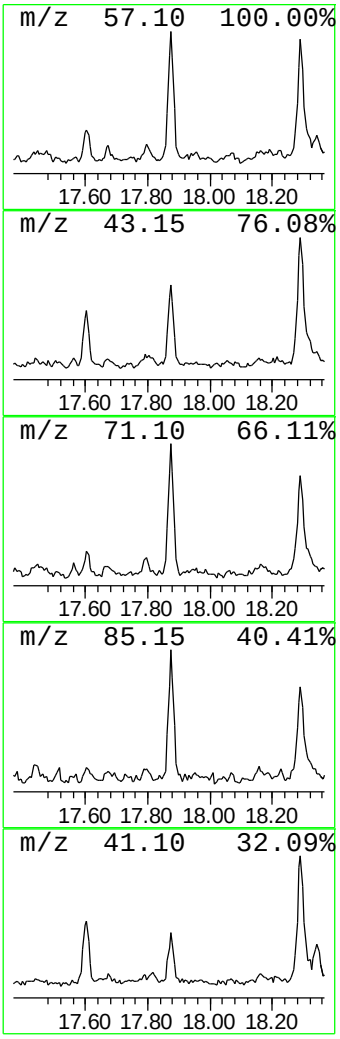
****

Peak Number 11 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	6.72 ng	207181	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5	Tetradecane	198	C14H30	000629-59-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

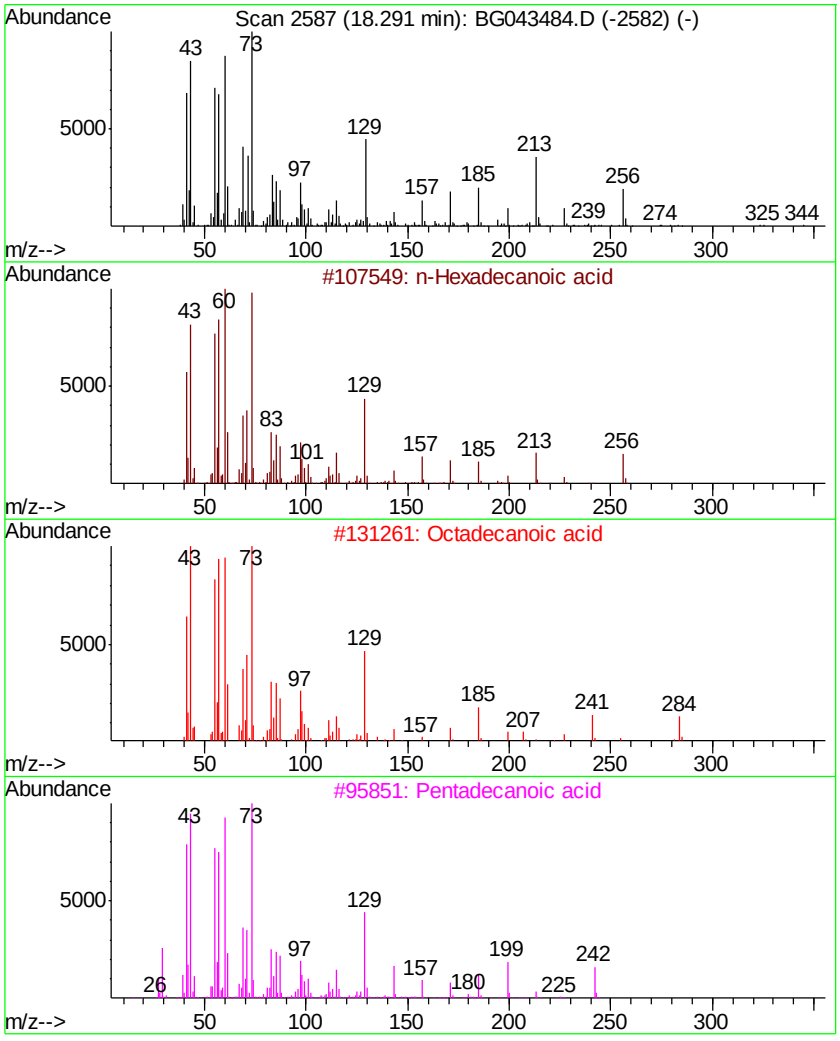
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

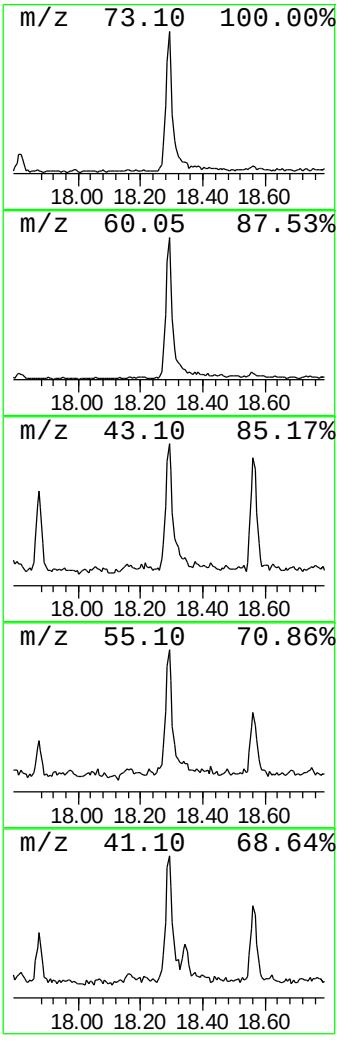
****

Peak Number 12 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	22.80 ng	703570	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

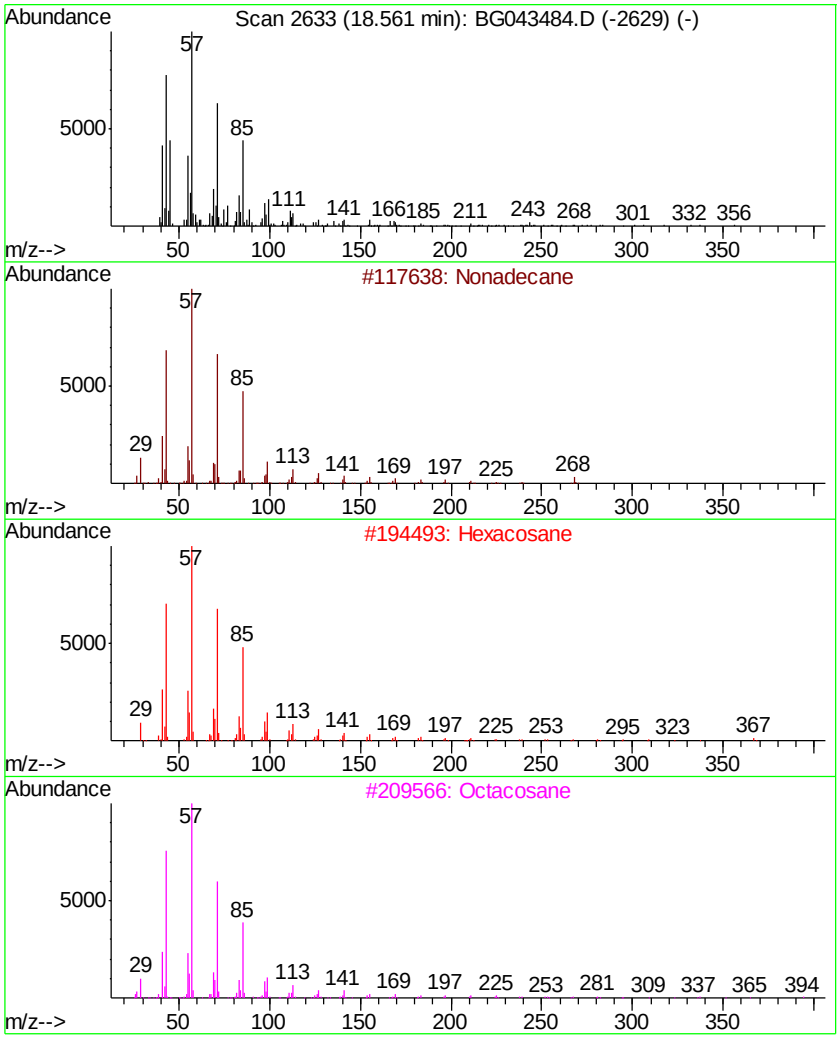
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

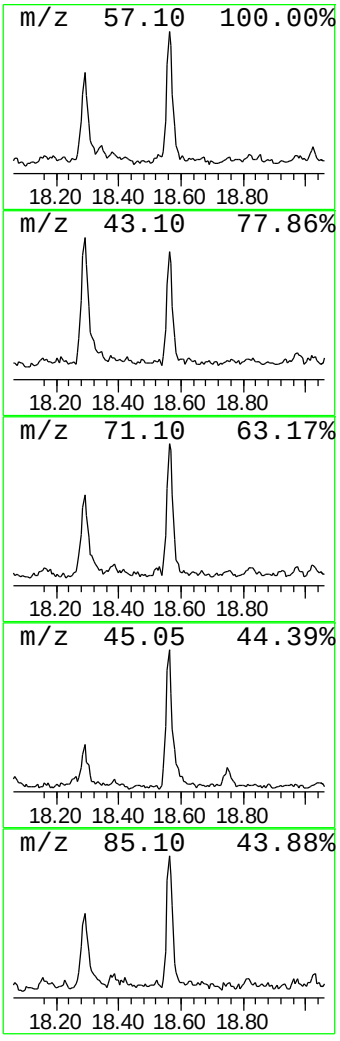
****

Peak Number 13 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	13.74 ng	423801	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	92
2	Hexacosane	366	C26H54	000630-01-3	76
3	Octacosane	394	C28H58	000630-02-4	70
4	Tritetracontane	605	C43H88	007098-21-7	68
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

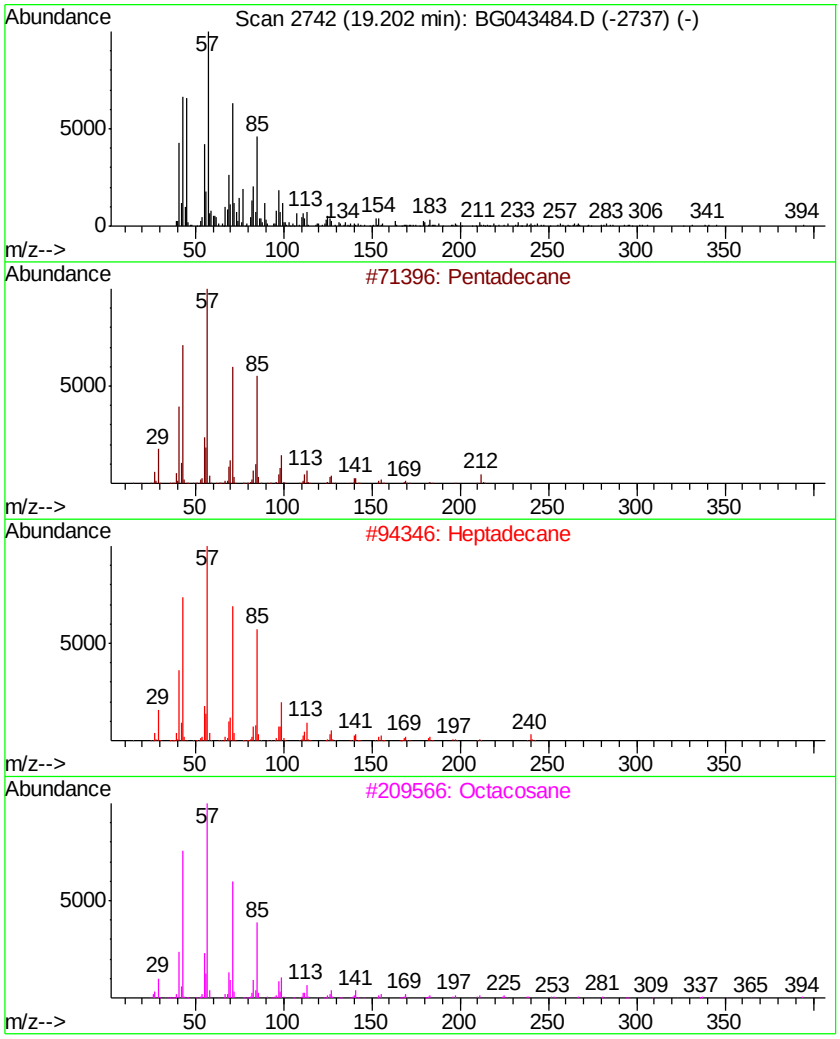
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

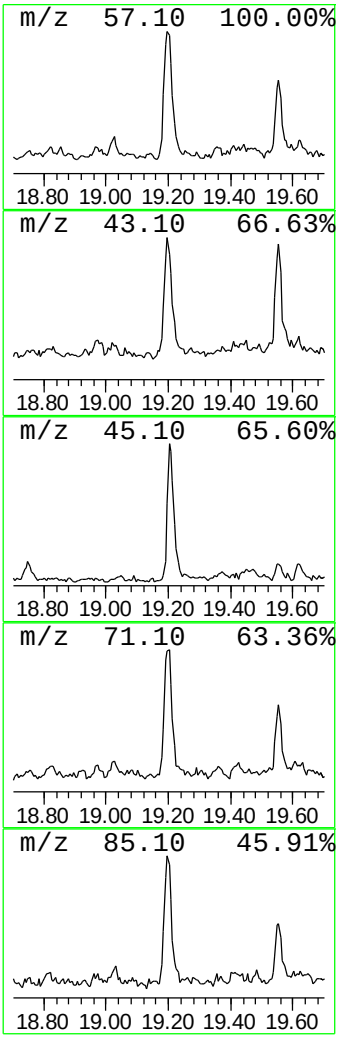
****

Peak Number 14 Pentadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	12.59 ng	388509	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Heptadecane	240	C17H36	000629-78-7	64
3	Octacosane	394	C28H58	000630-02-4	60
4	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	53
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

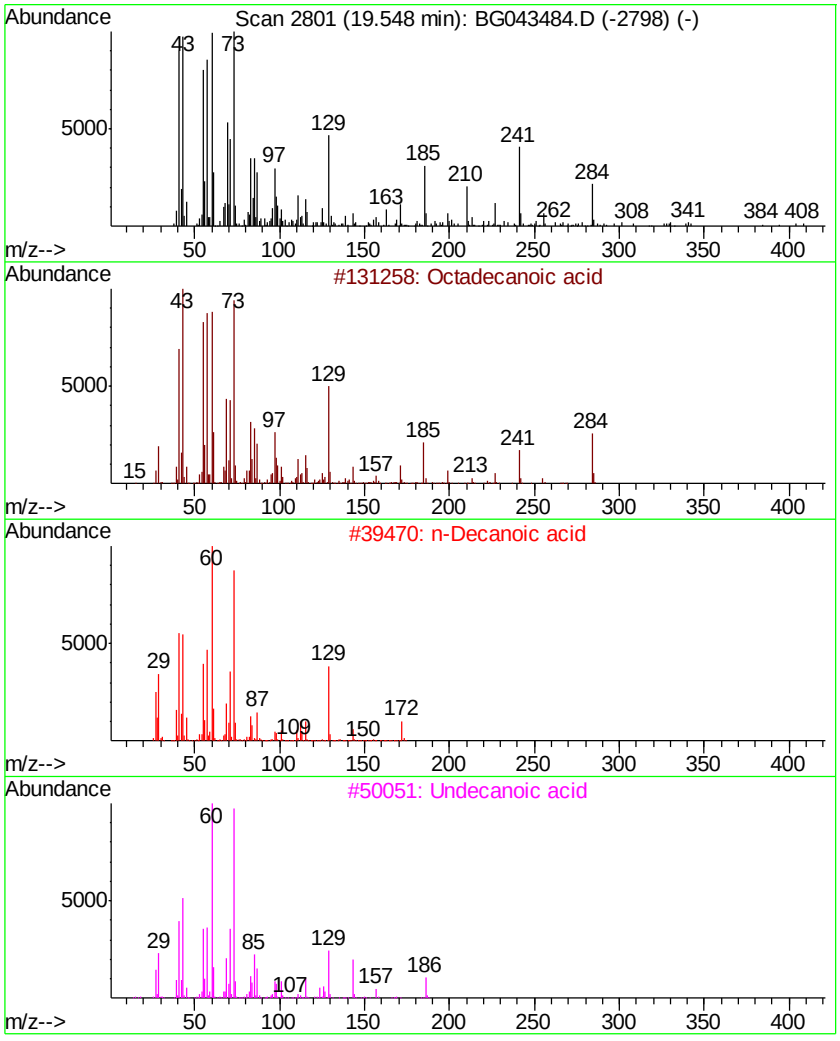
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

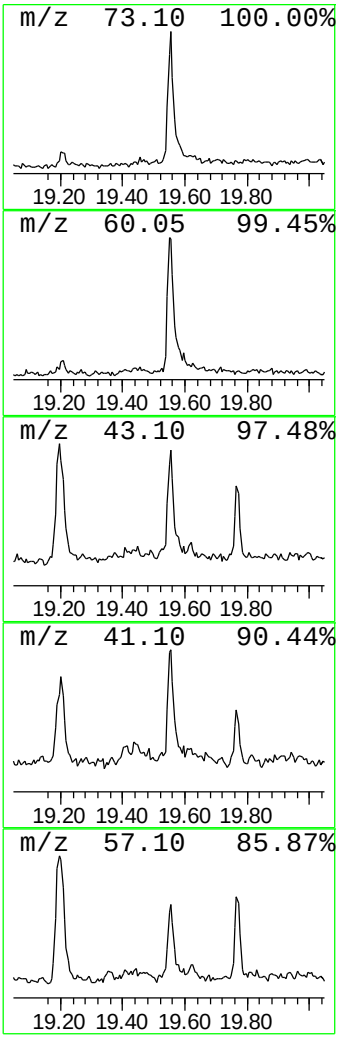
****

Peak Number 15 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	8.51 ng	345298	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	64
3	Undecanoic acid	186	C11H22O2	000112-37-8	64
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

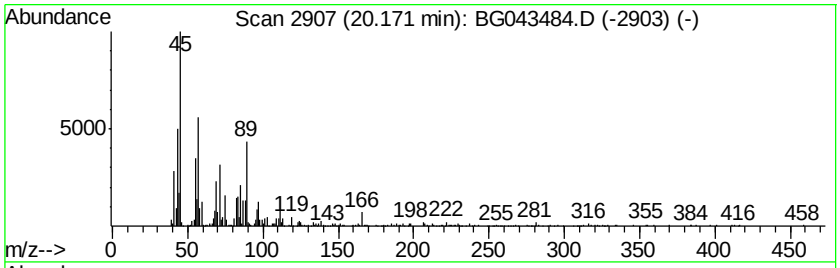
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

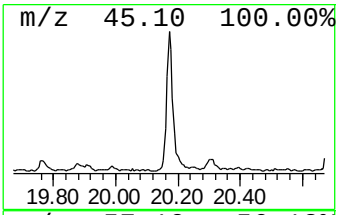
****

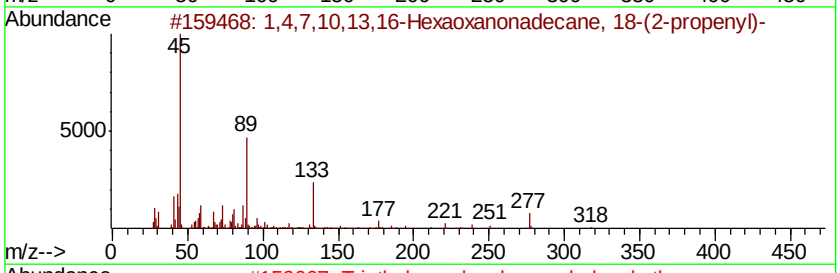
Peak Number 16 1,4,7,10,13,16-Hexaoxanonad... Concentration Rank 12

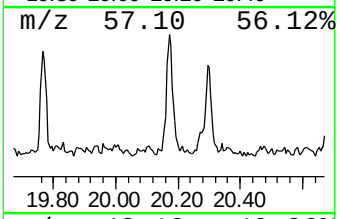
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	9.71 ng	393749	Chrysene-d12	21.65

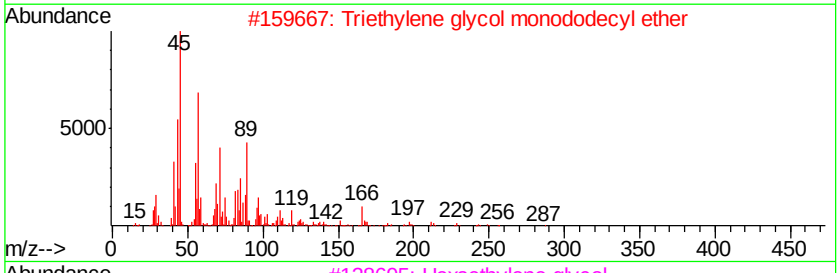
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,7,10,13,16-Hexaoxanonadecane...	318	C16H30O6	1000163-64-0	62
2	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	60
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	58
4	Pentaethylene glycol	238	C10H22O6	004792-15-8	58
5	Heptaethylene glycol	326	C14H30O8	005617-32-3	53

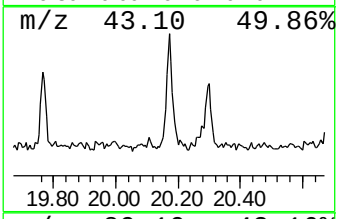


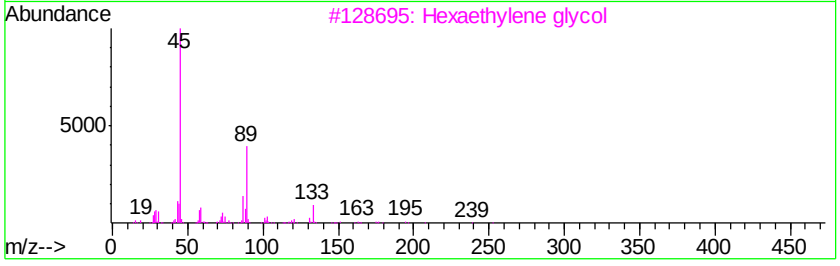


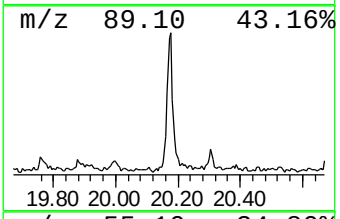


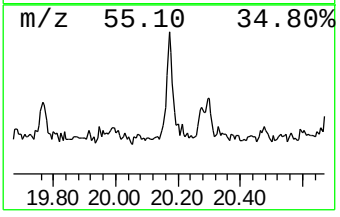












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

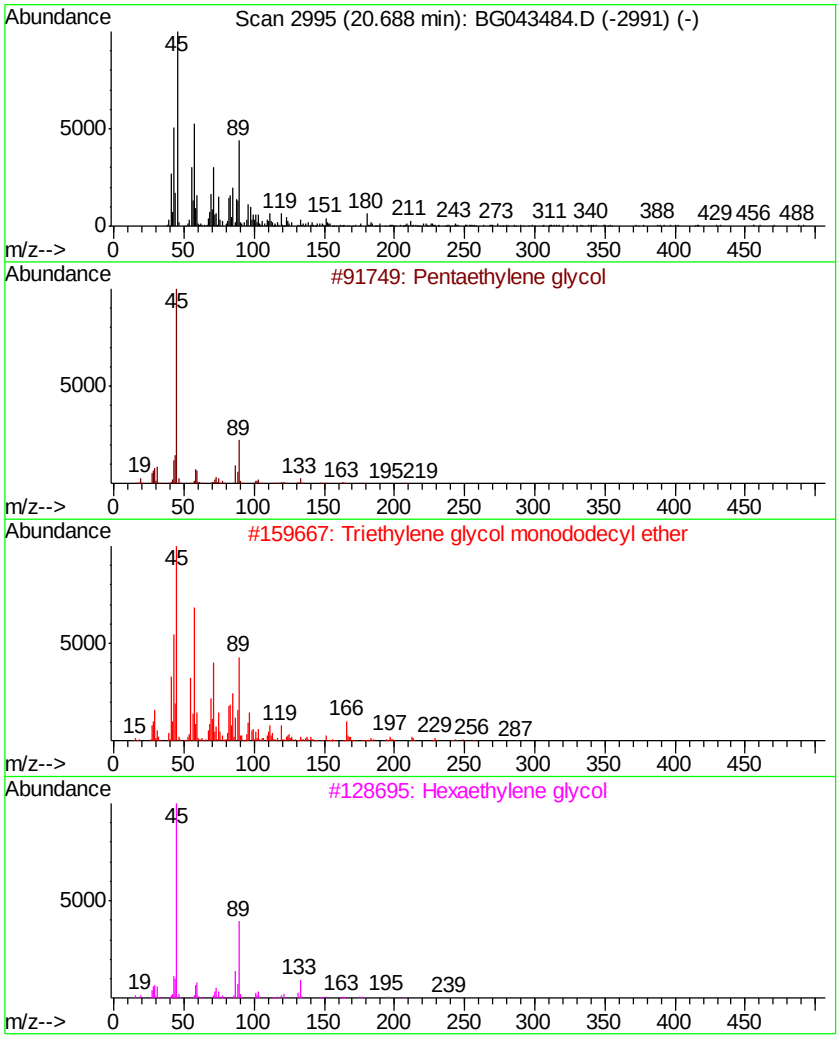
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

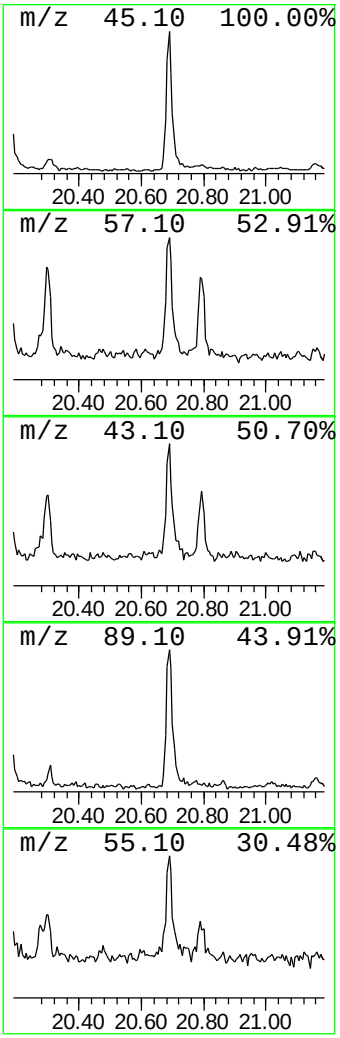
****

Peak Number 17 Pentaethylene glycol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	9.30 ng	377037	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol	238	C10H22O6	004792-15-8	58
2	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	58
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	53
4	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	52
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

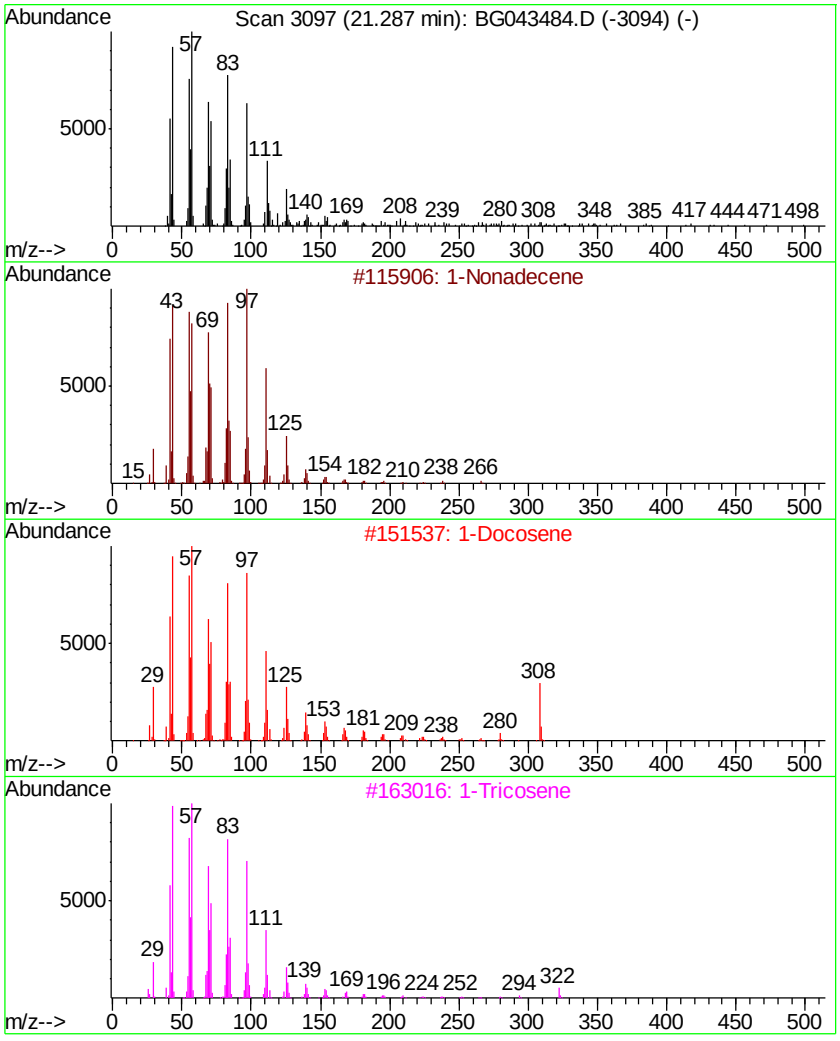
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

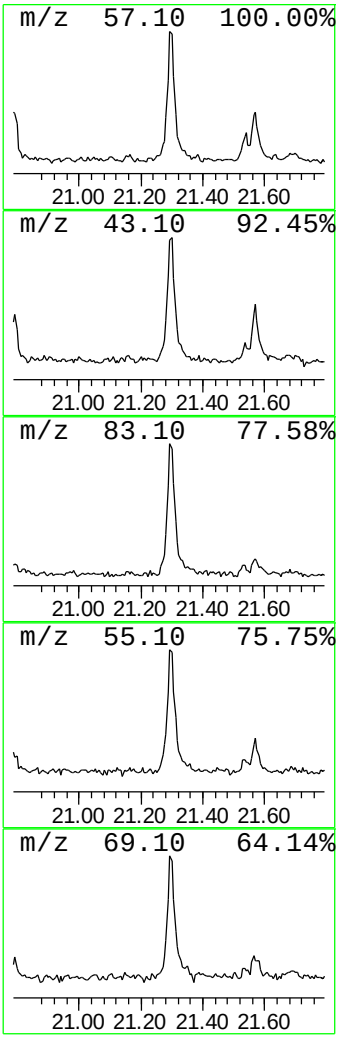
****

Peak Number 18 1-Nonadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	14.41 ng	584416	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	1-Docosene	308	C22H44	001599-67-3	99
3	1-Tricosene	322	C23H46	018835-32-0	97
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
5	1-Octadecene	252	C18H36	000112-88-9	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

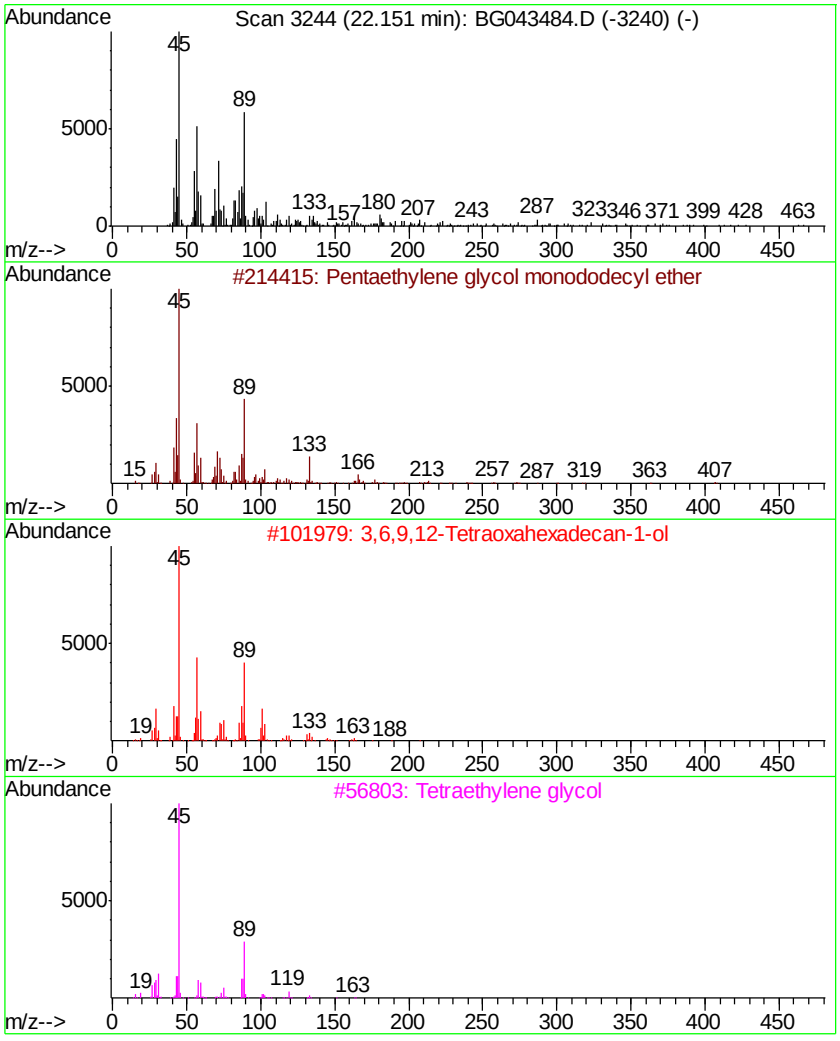
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

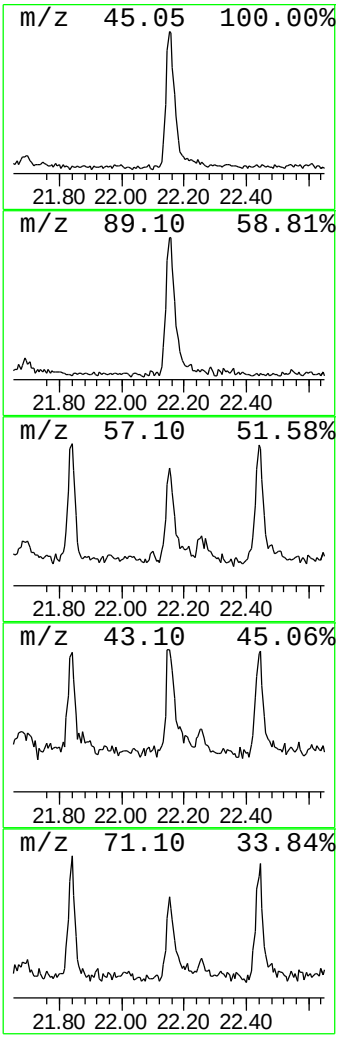
****

Peak Number 19 Pentaethylene glycol monodo... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	8.84 ng	358342	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol monododecyl...	406	C22H46O6	003055-95-6	78
2	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	68
3	Tetraethylene glycol	194	C8H18O5	000112-60-7	64
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	64
5	Pentaethylene glycol	238	C10H22O6	004792-15-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

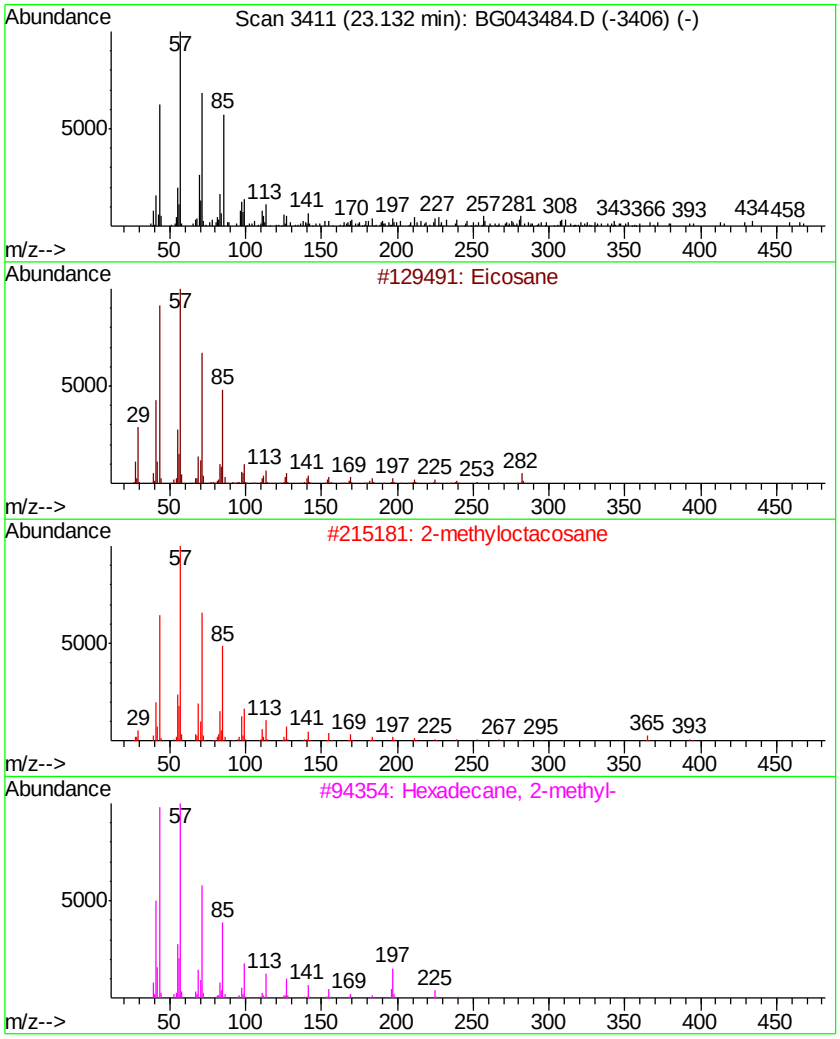
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

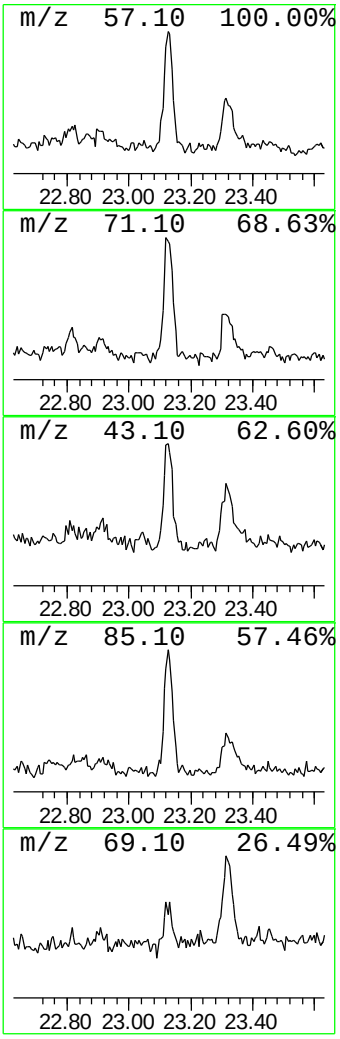
****

Peak Number 20 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.13	4.35 ng	176345	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	81
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	78
4	2-methyltetracosane	352	C25H52	1000376-72-6	74
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110419\
Data File : BG043484.D
Acq On : 4 Nov 2019 17:12
Operator : JU
Sample : K5612-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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
Butane, 2-methoxy...	3.17	82.8	ng	1020390	1	8.01	246398	20.0
unknown7.55	7.55	83.4	ng	1027320	1	8.01	246398	20.0
Hexanoic acid, 2-...	9.54	192.0	ng	3415040	2	10.82	355784	20.0
Ethanol, 2-phenoxy-	11.18	35.5	ng	632076	2	10.82	355784	20.0
Benzoic acid, 4-m...	12.07	432.8	ng	7699060	2	10.82	355784	20.0
Heptadecane	16.34	8.4	ng	259725	4	17.39	617046	20.0
Hentriacontane	16.52	5.1	ng	156328	4	17.39	617046	20.0
Octadecane	17.13	6.9	ng	213650	4	17.39	617046	20.0
l-Alanine, N-meth...	17.60	14.9	ng	461348	4	17.39	617046	20.0
Hexadecane	17.87	6.7	ng	207181	4	17.39	617046	20.0
n-Hexadecanoic acid	18.29	22.8	ng	703570	4	17.39	617046	20.0
Nonadecane	18.56	13.7	ng	423801	4	17.39	617046	20.0
Pentadecane	19.20	12.6	ng	388509	4	17.39	617046	20.0
Octadecanoic acid	19.55	8.5	ng	345298	5	21.65	811163	20.0
1,4,7,10,13,16-He...	20.17	9.7	ng	393749	5	21.65	811163	20.0
Pentaethylene glycol	20.69	9.3	ng	377037	5	21.65	811163	20.0
1-Nonadecene	21.29	14.4	ng	584416	5	21.65	811163	20.0
Pentaethylene gly...	22.15	8.8	ng	358342	5	21.65	811163	20.0
Eicosane	23.13	4.3	ng	176345	5	21.65	811163	20.0