LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041304.D
Acq On : 18 Jun 2019 19:22
Operator : HP/JU
Sample : K3409-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1

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-BG061719.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	3.282	27	33	40	rBV	104465	173755	8.06%	1.090%
2	5.620	424	431	443	rBV	752718	1214063	56.29%	7.616%
3	7.236	698	706	719	rBV	791312	1414245	65.57%	8.872%
4	7.606	762	769	778	rBV	781605	1348665	62.53%	8.460%
5	8.082	843	850	860	rVB	154245	278913	12.93%	1.750%
6	8.405	897	905	912	rBV	536746	931625	43.19%	5.844%
7	9.257	1043	1050	1061	rBV	472162	873829	40.52%	5.482%
8	10.902	1323	1330	1338	rBV	183780	344923	15.99%	2.164%
9	13.335	1737	1744	1753	rBV	1064082	1653468	76.66%	10.372%
10	14.157	1878	1884	1892	rBV	132972	197184	9.14%	1.237%
11	14.715	1971	1979	1986	rBV2	335734	536769	24.89%	3.367%
12	16.202	2225	2232	2246	rBV	1050388	1577572	73.14%	9.896%
13	17.459	2440	2446	2452	rBV2	440957	672572	31.18%	4.219%
14	18.317	2586	2592	2600	rBV2	138009	220544	10.23%	1.384%
15	18.393	2601	2605	2609	rVB2	11378	22317	1.03%	0.140%
16	19.510	2791	2795	2801	rVB	30930	45401	2.11%	0.285%
17	19.580	2802	2807	2814	rBV4	36525	56329	2.61%	0.353%
18	19.868	2853	2856	2861	rVB	34680	46769	2.17%	0.293%
19	20.056	2882	2888	2895	rBV	1733600	2156796	100.00%	13.530%
20	20.326	2927	2934	2937	rBV7	18933	37760	1.75%	0.237%
21	21.331	3097	3105	3116	rBV2	149457	287709	13.34%	1.805%
22	21.737	3166	3174	3180	rBV2	471656	791704	36.71%	4.966%
23	21.878	3195	3198	3205	rVB2	21757	30473	1.41%	0.191%
24	22.495	3298	3303	3307	rBV3	28832	43851	2.03%	0.275%
25	23.200	3417	3423	3429	rVB3	35497	64104	2.97%	0.402%
26	24.005	3553	3560	3571	rVB6	35117	96258	4.46%	0.604%
27	24.980	3722	3726	3727	rBV2	21871	29326	1.36%	0.184%
28	25.050	3729	3738	3748	rVB2	246022	709447	32.89%	4.450%
29	26.131	3913	3922	3933	rBV5	28650	84596	3.92%	0.531%

Sum of corrected areas: 15940967

LSC Report - Integrated Chromatogram

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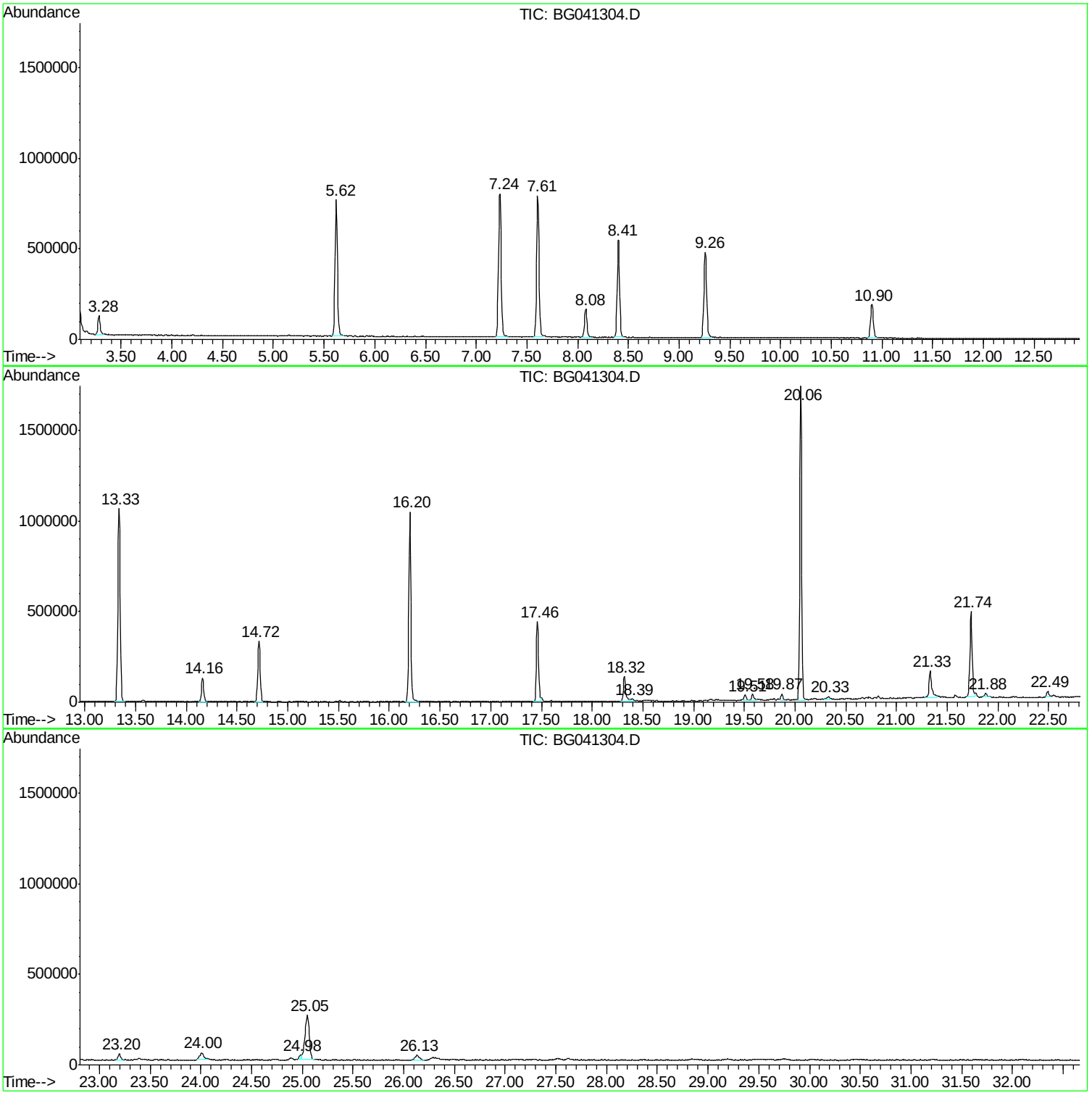
Operator : HP/JU
Sample : K3409-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

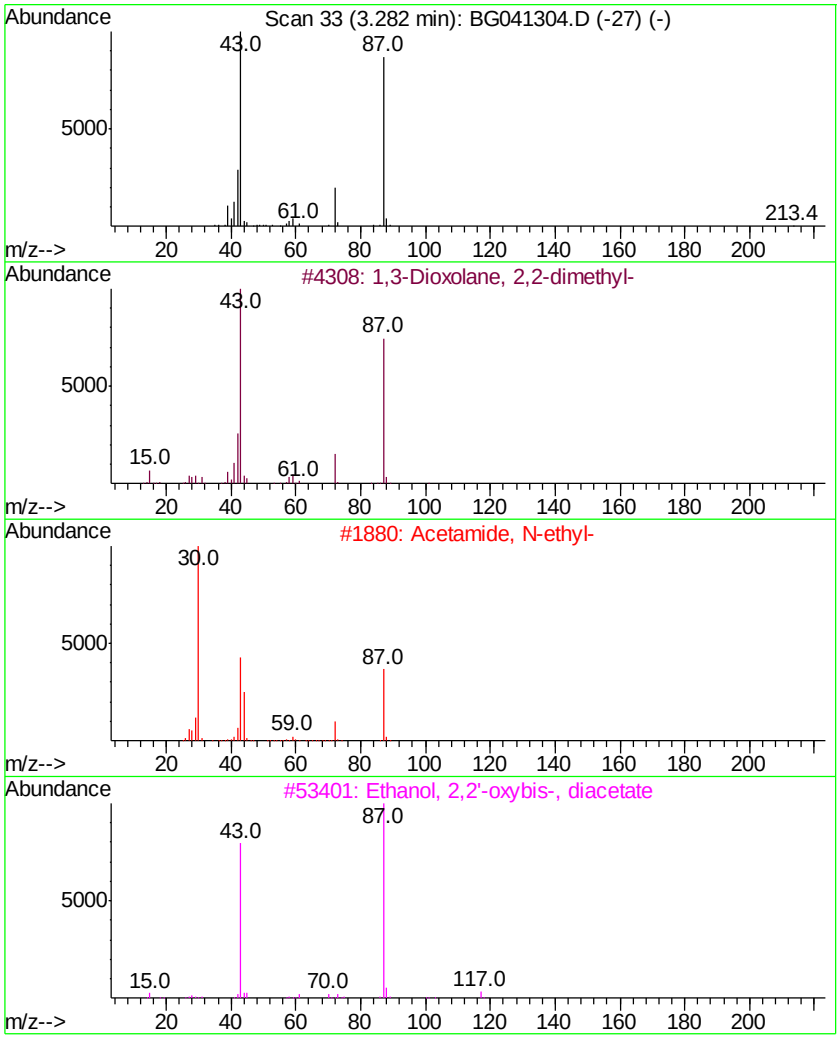
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

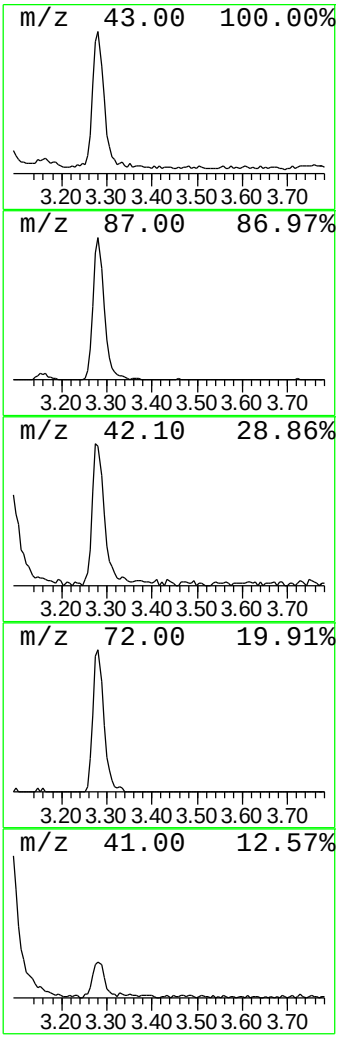
****

Peak Number 1 1,3-Dioxolane, 2,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	12.46 ng	173755	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2,2-dimethyl-	102	C5H10O2	002916-31-6	64
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	56
3	Ethanol, 2,2'-oxybis-, diacetate	190	C8H14O5	000628-68-2	40
4	Ethanol, 2,2'-[1,2-ethanediylbis...	234	C10H18O6	000111-21-7	33
5	4-Heptanol, 4-methyl-	130	C8H18O	000598-01-6	25





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

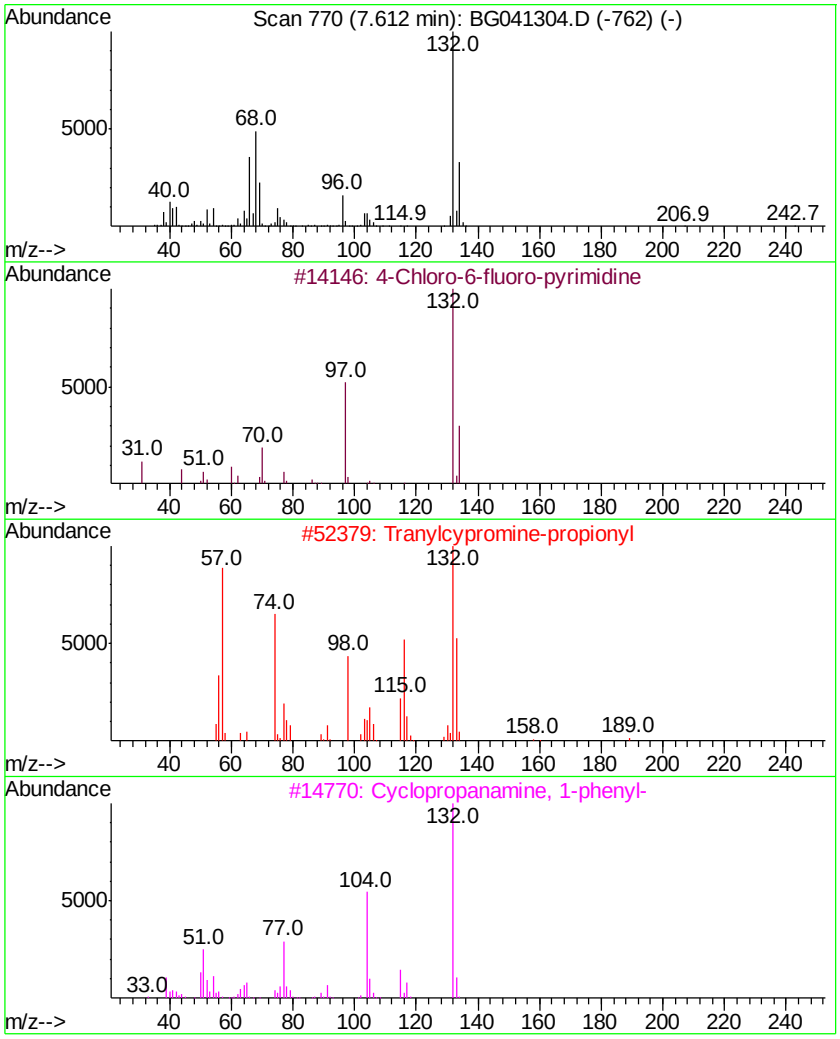
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

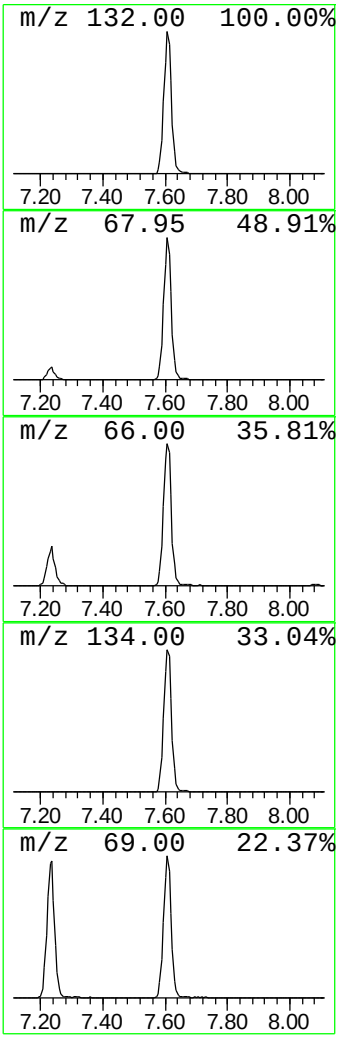
****

Peak Number 2 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	96.71 ng	1348670	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14
4	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12





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Sample : K3409-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
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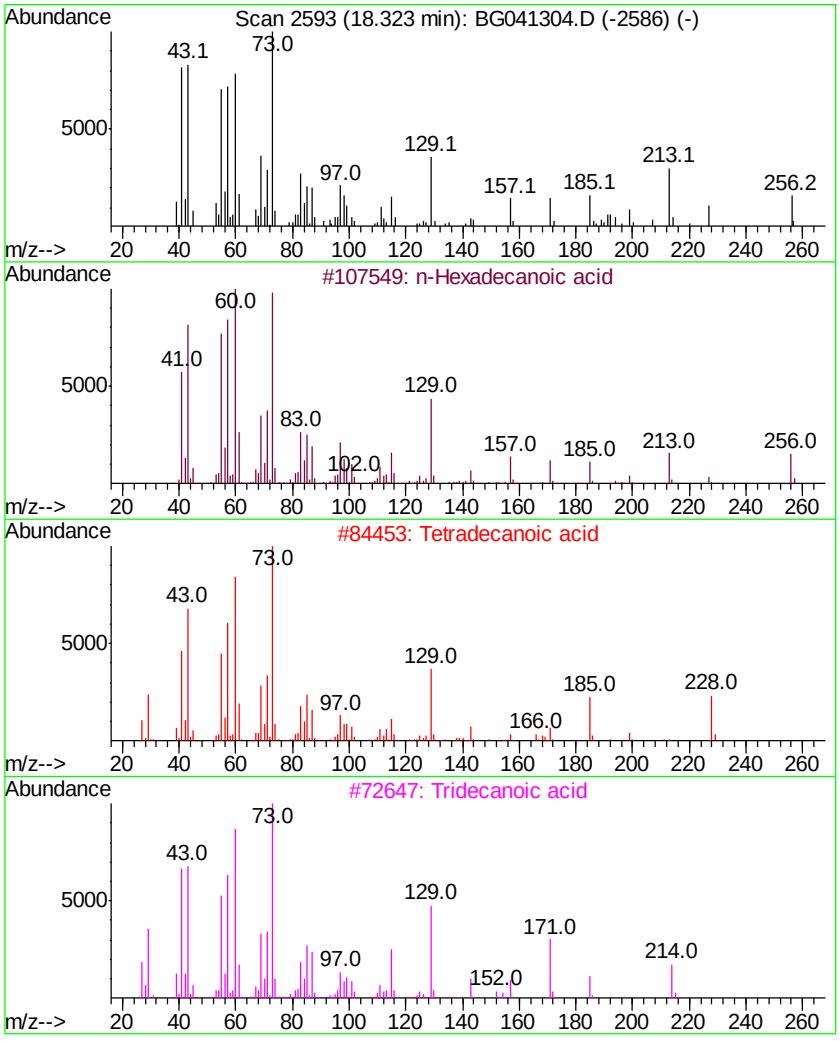
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

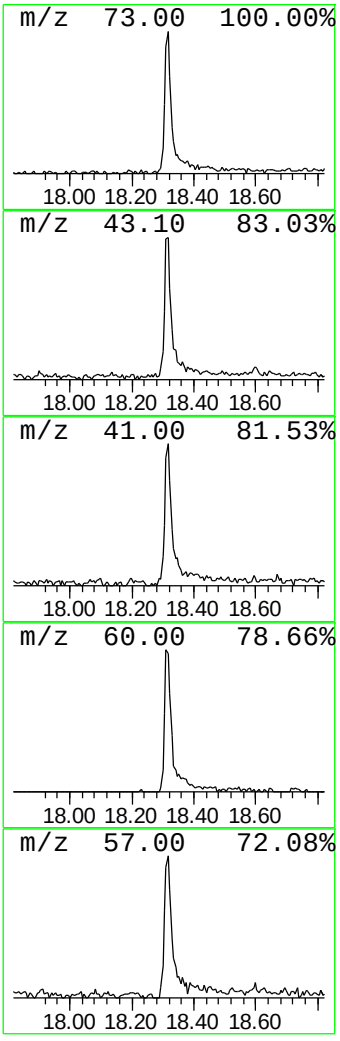
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	6.56 ng	220544	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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Instrument : BNA_G
ClientSampleId : T-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

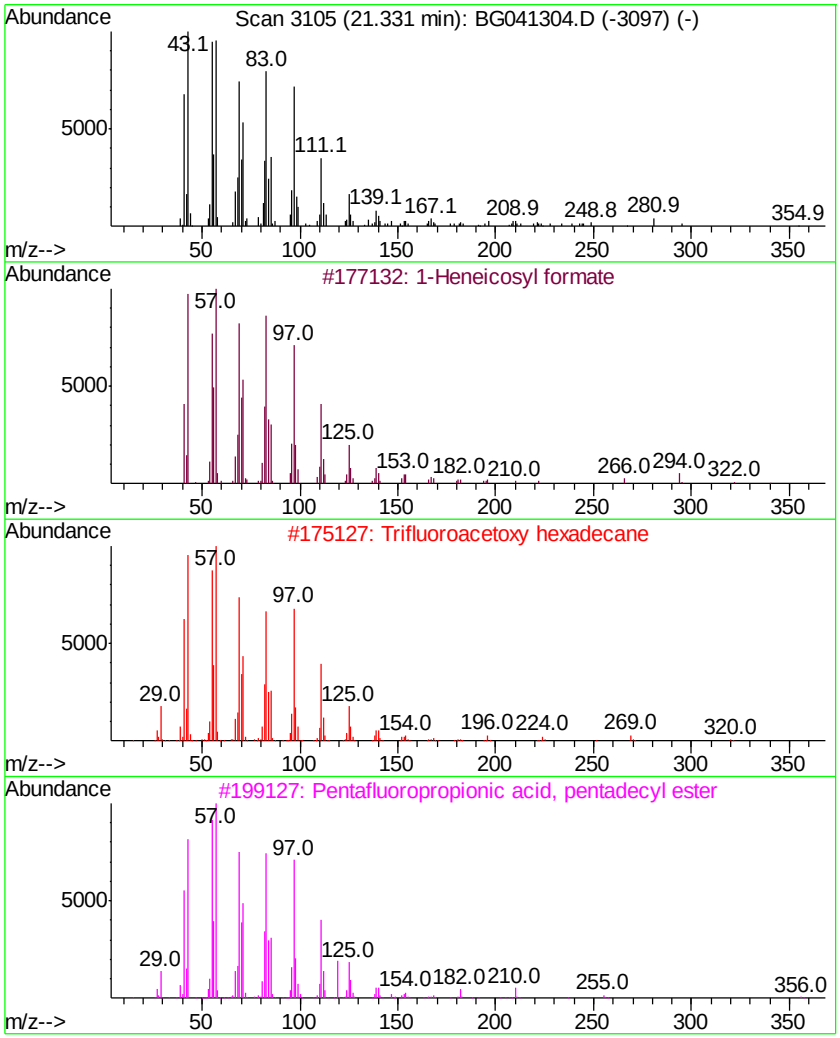
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

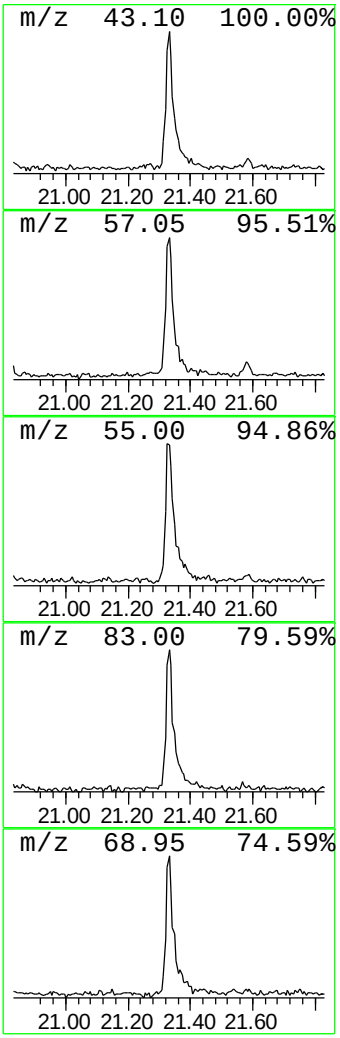
****

Peak Number 5 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	7.27 ng	287709	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : T-1

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TIC Library : C:\Database\NIST11.L
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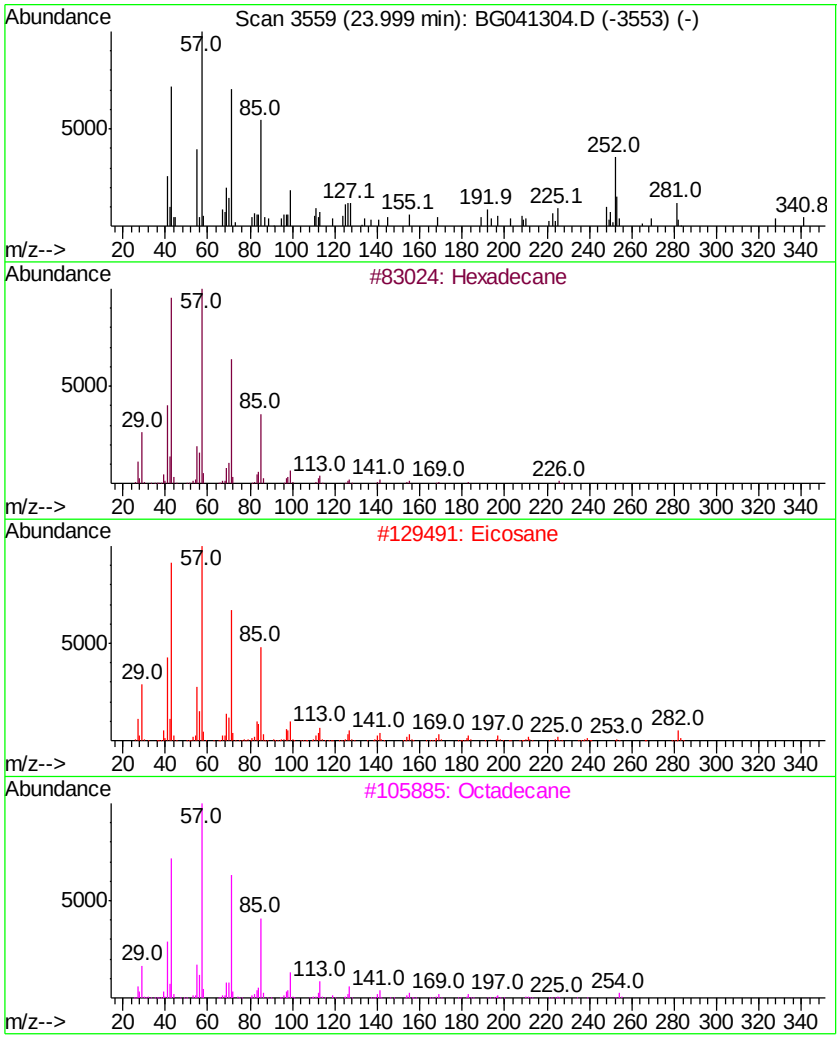
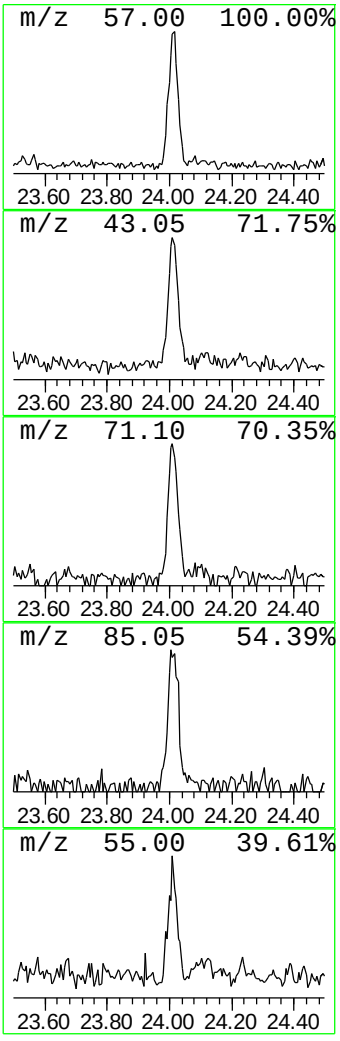
****

Peak Number 6 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.71 ng	96258	Perylene-d12	25.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Eicosane	282	C20H42	000112-95-8	70
3	Octadecane	254	C18H38	000593-45-3	55
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	53
5	Heptacosane	380	C27H56	000593-49-7	49





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Misc :
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Instrument : BNA_G
ClientSampleId : T-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

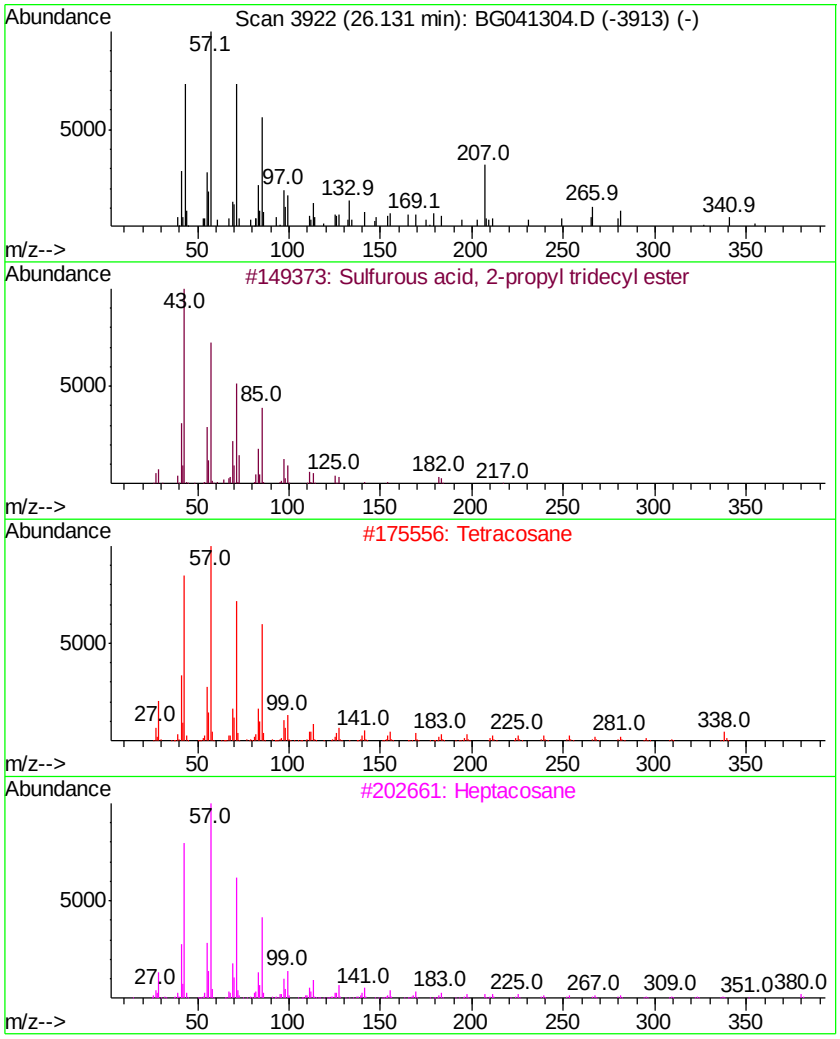
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

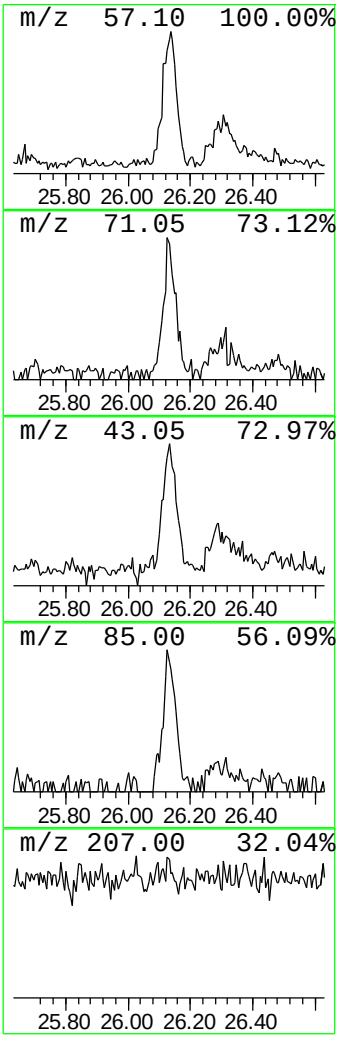
****

Peak Number 7 Sulfurous acid, 2-propyl tr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.13	2.38 ng	84596	Perylene-d12	25.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	62
2	Tetracosane	338	C24H50	000646-31-1	62
3	Heptacosane	380	C27H56	000593-49-7	62
4	Hentriacontane	437	C31H64	000630-04-6	58
5	Hexacosane	366	C26H54	000630-01-3	58





Tentatively Identified Compound (LSC) summary

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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
1,3-Dioxolane, 2,...	3.28	12.5	ng	173755	1	8.08	278913	20.0
unknown7.61	7.61	96.7	ng	1348670	1	8.08	278913	20.0
n-Hexadecanoic acid	18.32	6.6	ng	220544	4	17.46	672572	20.0
1-Heneicosyl formate	21.33	7.3	ng	287709	5	21.74	791704	20.0
Hexadecane	24.00	2.7	ng	96258	6	25.04	709447	20.0
Sulfurous acid, 2...	26.13	2.4	ng	84596	6	25.04	709447	20.0