LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
Data File : BG039465.D
Acq On : 12 Feb 2019 15:52
Operator : JU/SJ
Sample : K1462-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-D

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-BG012919.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	3.225	17	23	31	rBV	145463	282110	6.45%	1.190%
2	3.296	31	35	42	rVB	51703	77315	1.77%	0.326%
3	5.252	361	368	375	rBV	64842	103182	2.36%	0.435%
4	5.710	439	446	455	rBV	1050557	1678280	38.34%	7.082%
5	7.308	710	718	729	rBV	1135371	2090465	47.76%	8.822%
6	7.696	776	784	795	rBV	1030237	1796467	41.04%	7.581%
7	8.171	857	865	875	rVB	165262	284280	6.49%	1.200%
8	8.494	913	920	929	rBV	712753	1244127	28.42%	5.250%
9	9.346	1057	1065	1076	rBV	654349	1176154	26.87%	4.963%
10	10.991	1338	1345	1354	rBV	245353	453938	10.37%	1.916%
11	13.417	1750	1758	1767	rBV	1843364	2927991	66.89%	12.356%
12	14.234	1891	1897	1904	rBV	145662	206651	4.72%	0.872%
13	14.792	1986	1992	2002	rBV2	427755	713188	16.29%	3.010%
14	16.278	2237	2245	2264	rBV	1582126	2424447	55.39%	10.231%
15	17.535	2453	2459	2473	rBV2	605668	930355	21.26%	3.926%
16	18.393	2600	2605	2620	rBV2	69828	134846	3.08%	0.569%
17	20.132	2895	2901	2909	rBV	3310945	4377044	100.00%	18.471%
18	21.424	3116	3121	3129	rBV	143076	225531	5.15%	0.952%
19	21.823	3182	3189	3198	rVB2	604737	1049163	23.97%	4.427%
20	21.988	3211	3217	3223	rBV2	30933	45556	1.04%	0.192%
21	22.617	3319	3324	3330	rBV	43617	73119	1.67%	0.309%
22	23.345	3442	3448	3454	rVB	49205	94968	2.17%	0.401%
23	24.185	3584	3591	3599	rBV2	53712	112171	2.56%	0.473%
24	25.207	3753	3765	3778	rBV2	358403	1103332	25.21%	4.656%
25	26.376	3955	3964	3977	rVB5	29903	92442	2.11%	0.390%

Sum of corrected areas: 23697122

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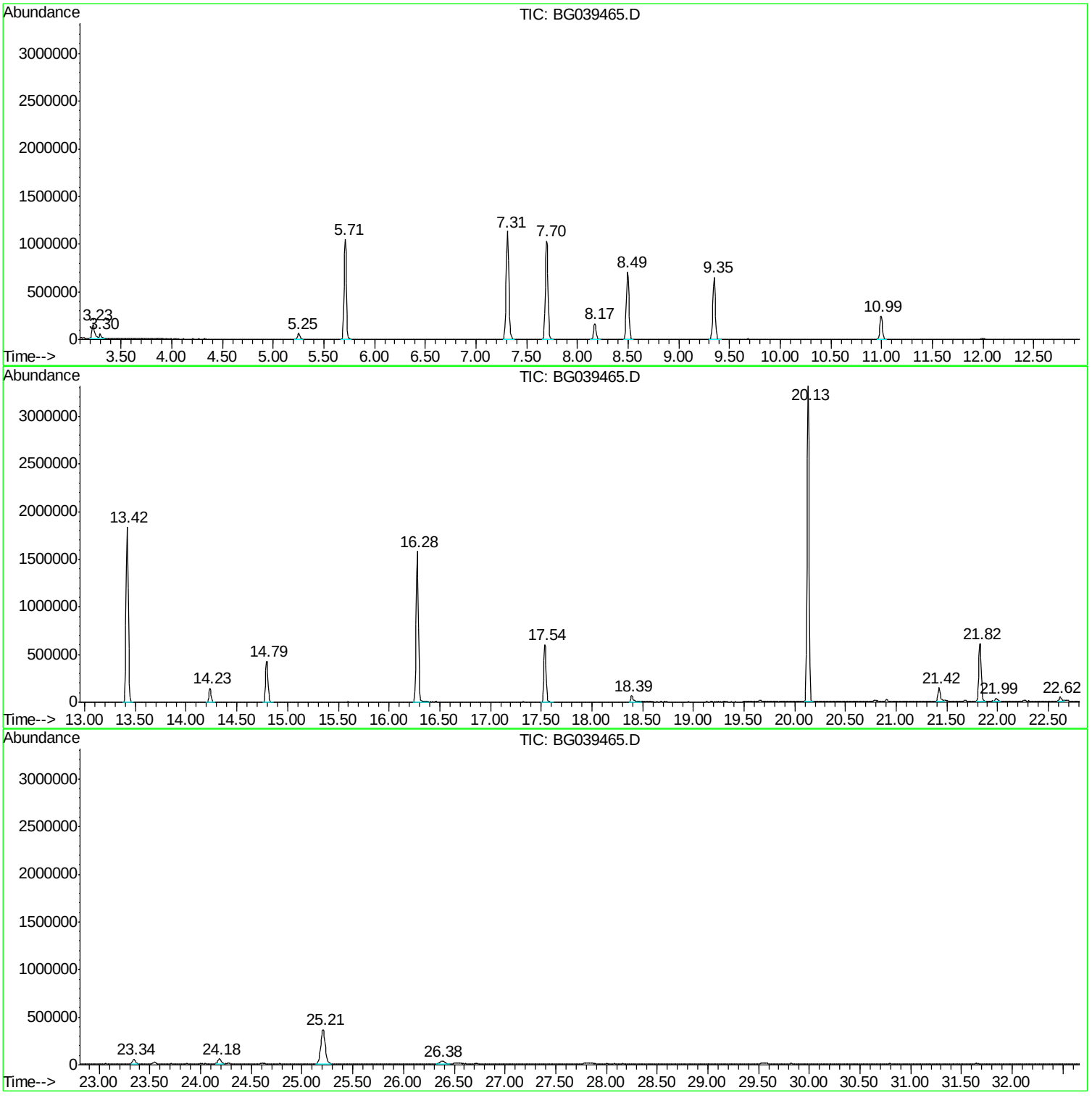
BNA_G
ClientSampleId :
TP-2-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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

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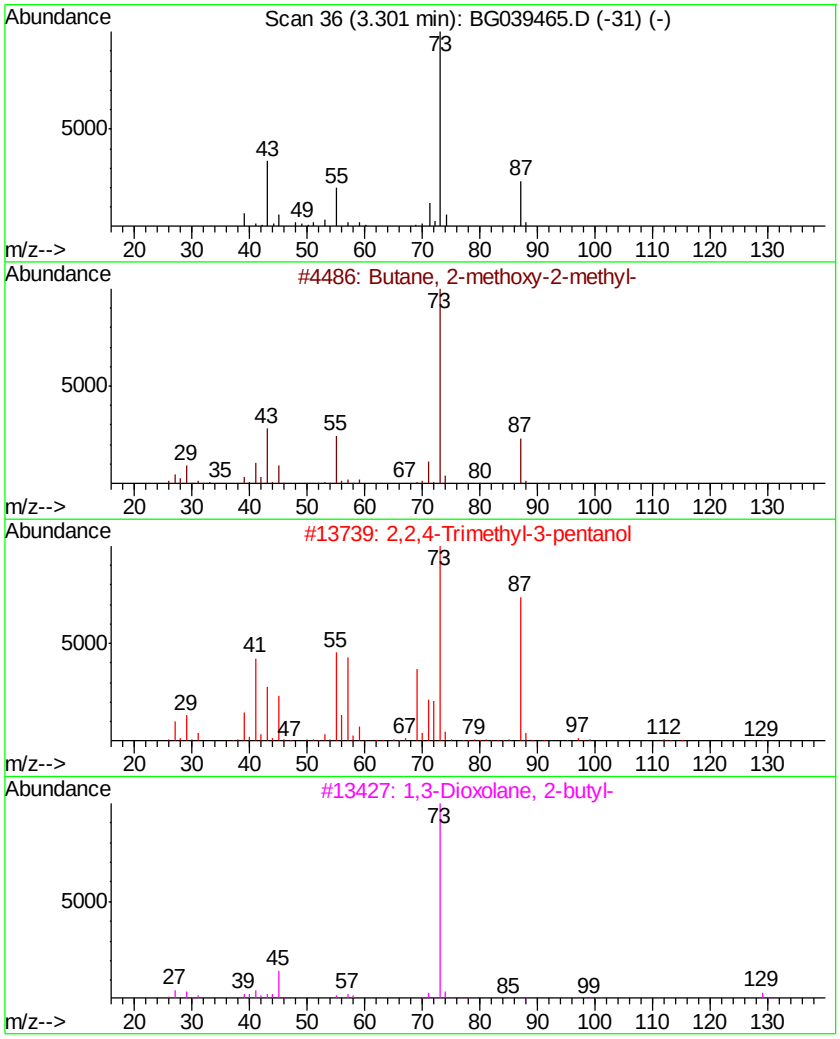
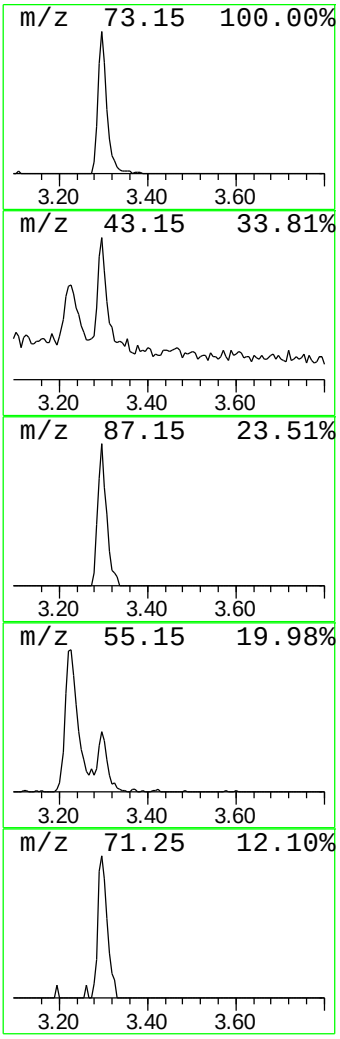
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.30	5.44 ng	77315	1,4-Dichlorobenzene-d4	8.17

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	56
3	1,3-Dioxolane, 2-butyl-	130	C7H14O2	004360-76-3	17
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Sample : K1462-15
Misc :
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Instrument : BNA_G
ClientSampleId : TP-2-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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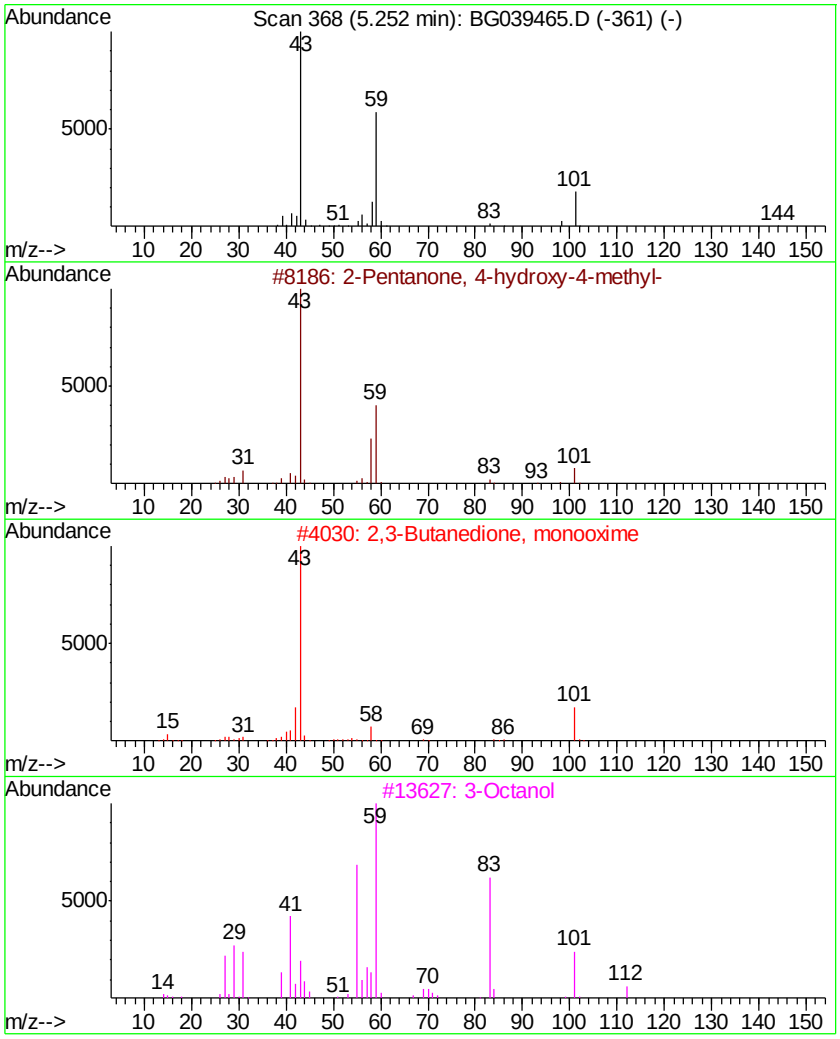
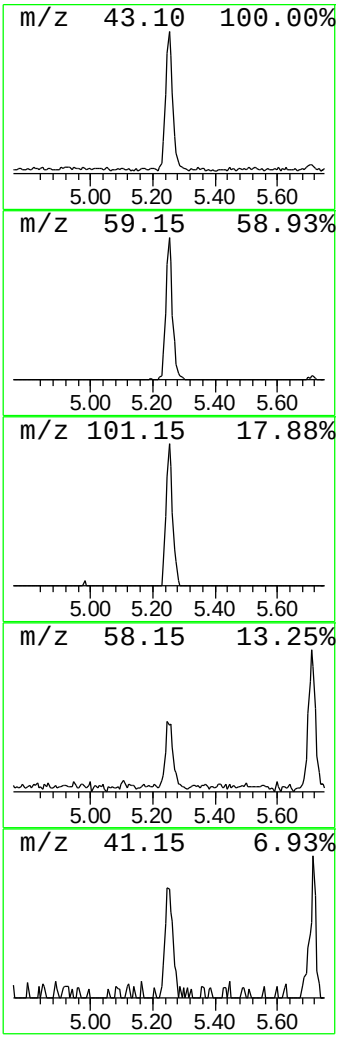
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	7.26 ng	103182	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	3-Octanol	130	C8H18O	000589-98-0	33
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	294	C10H15F5O4	1000364-25-8	23
5	Silane, dimethyl-	60	C2H8Si	001111-74-6	9





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Misc :
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Instrument : BNA_G
ClientSampleId : TP-2-D

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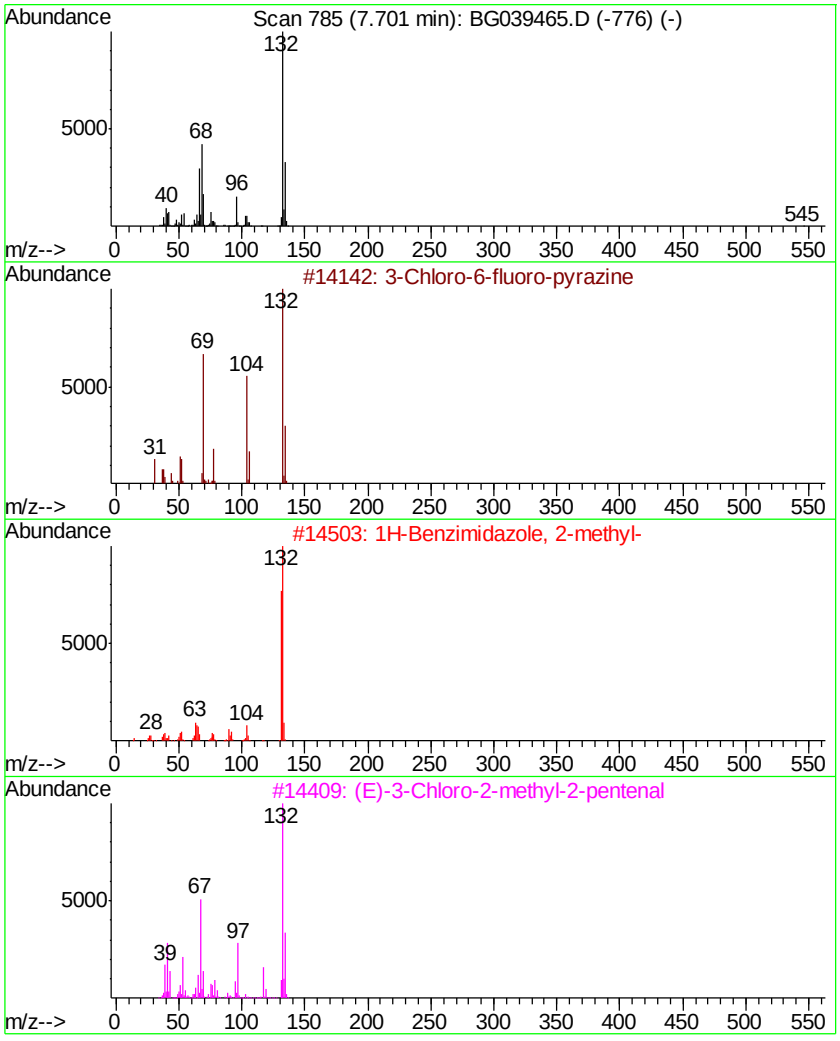
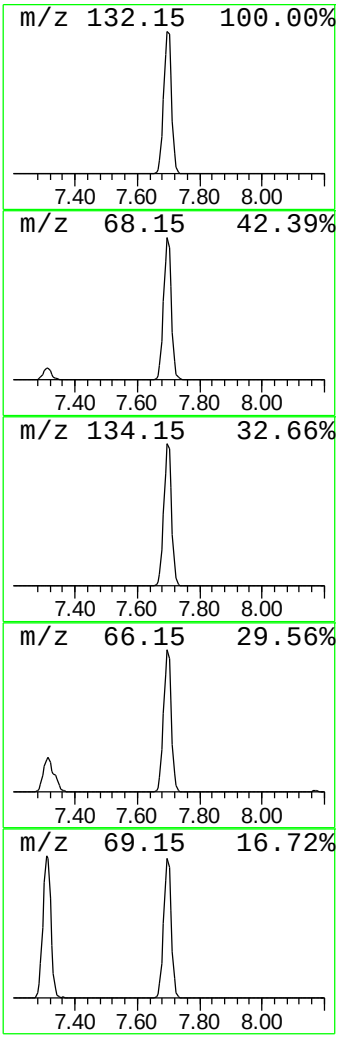
Peak Number 4 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	126.39 ng	1796470	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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ClientSampleId : TP-2-D

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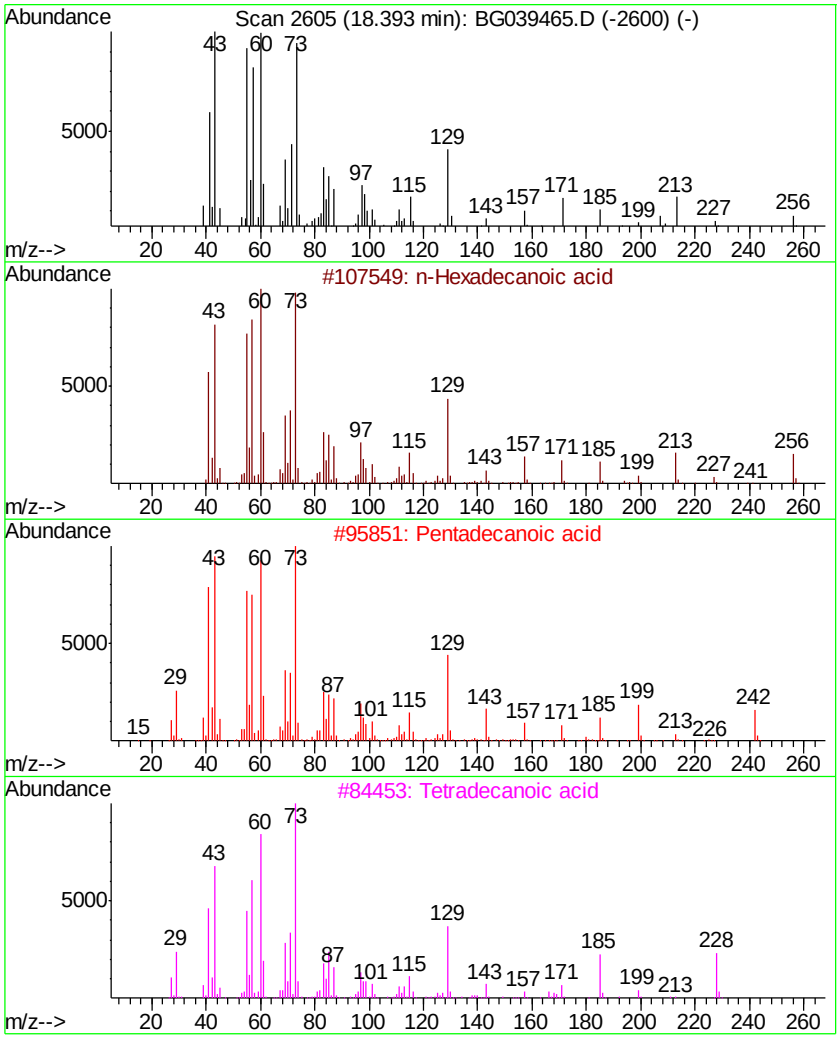
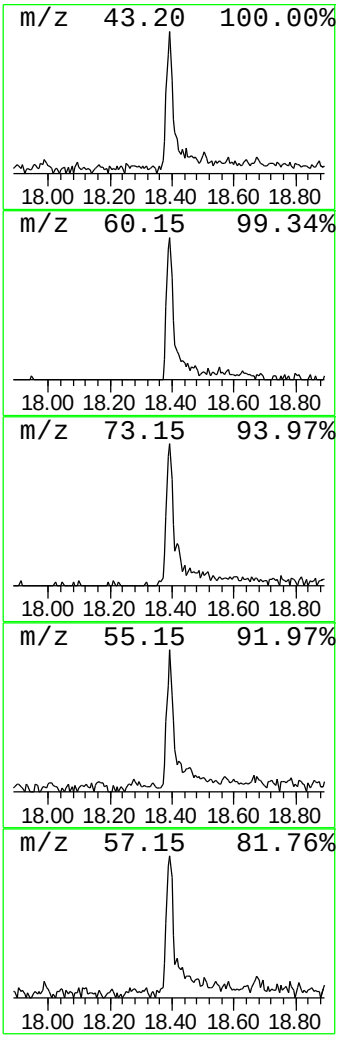
Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.90 ng	134846	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	59





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-D

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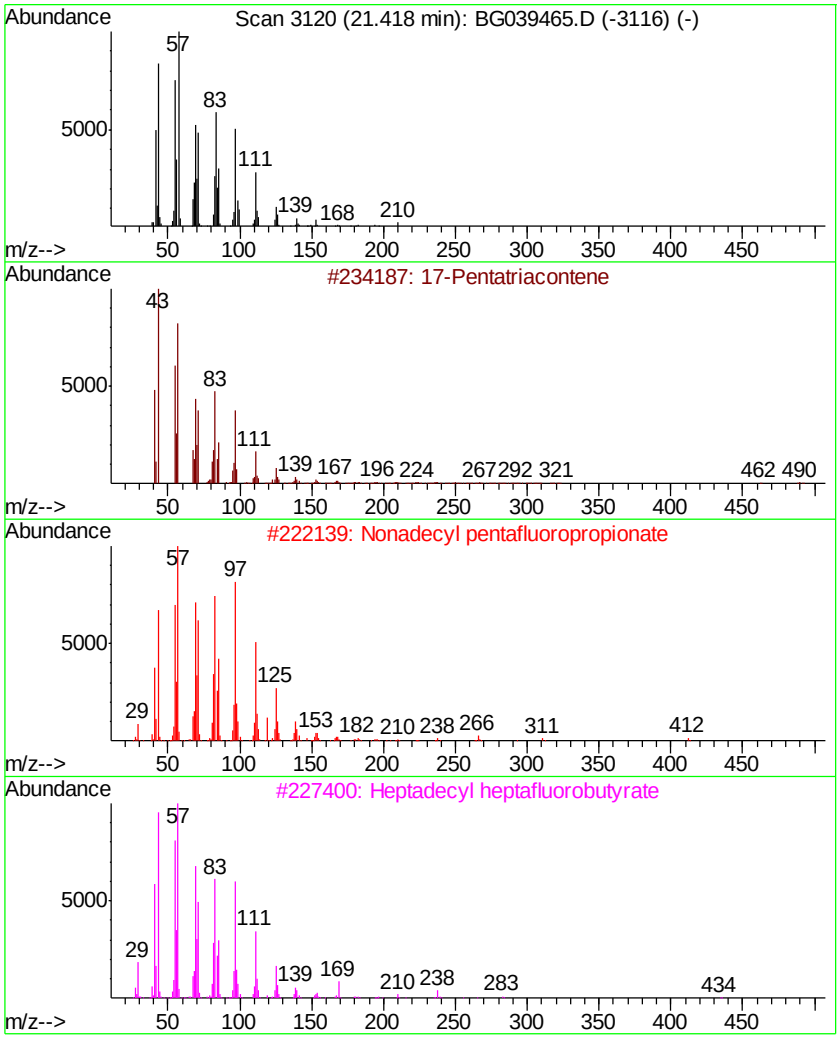
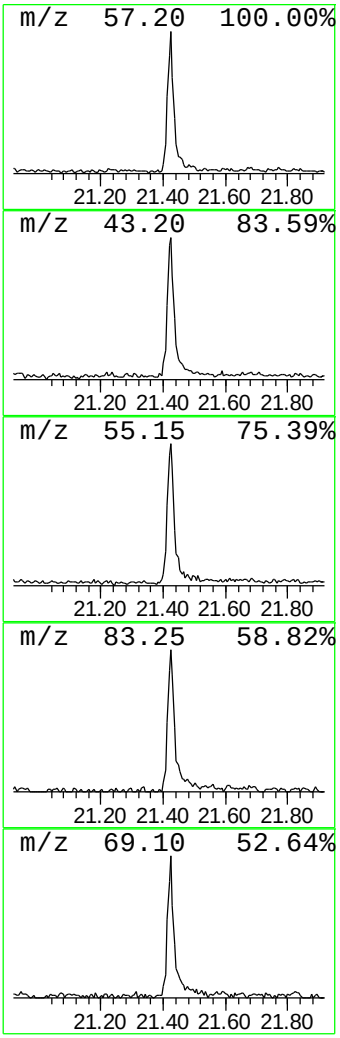
****

Peak Number 7 17-Pentatriacontene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	4.30 ng	225531	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87





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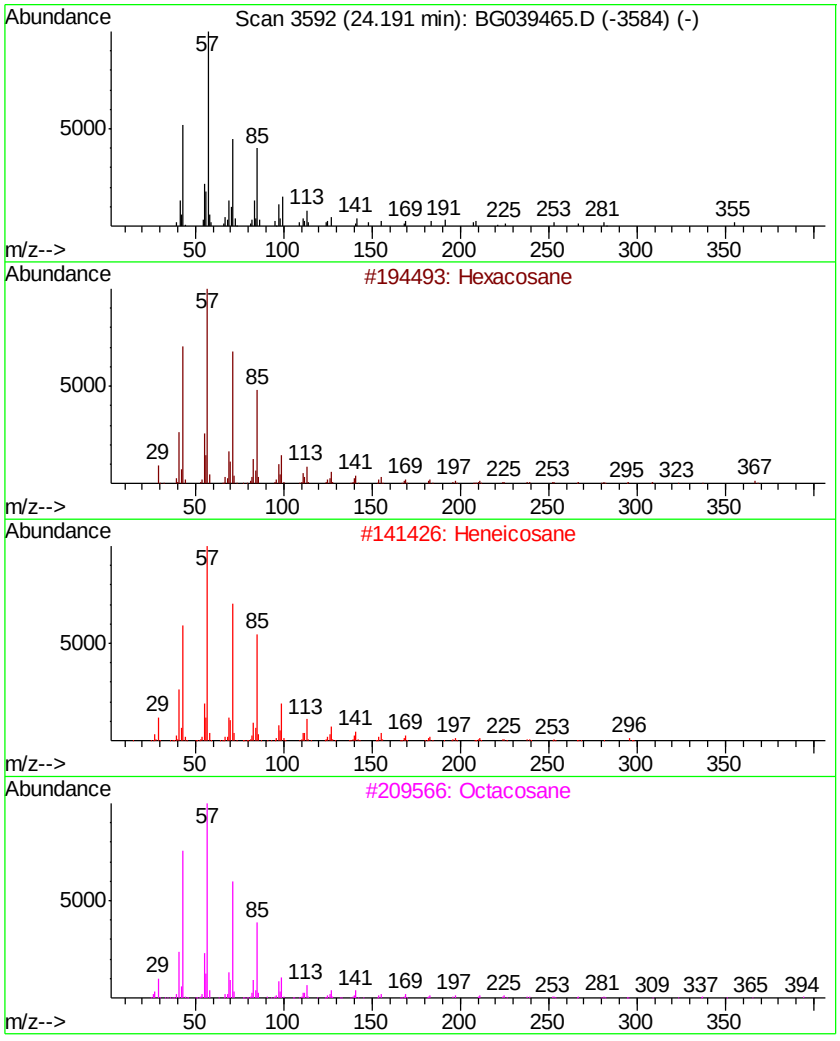
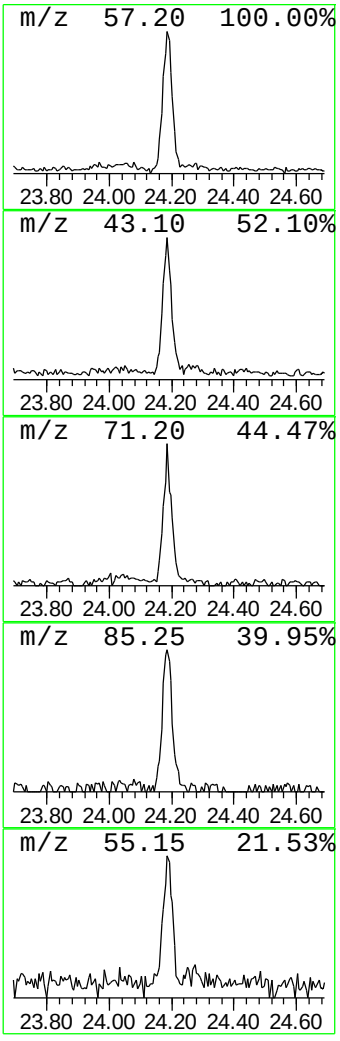
****

Peak Number 8 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	2.03 ng	112171	Perylene-d12	25.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Hexatriacontane	507	C36H74	000630-06-8	87





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
Butane, 2-methoxy...	3.30	5.4	ng	77315	1	8.17	284280	20.0
2-Pentanone, 4-hy...	5.25	7.3	ng	103182	1	8.17	284280	20.0
unknown7.70	7.70	126.4	ng	1796470	1	8.17	284280	20.0
n-Hexadecanoic acid	18.39	2.9	ng	134846	4	17.54	930355	20.0
17-Pentatriacontene	21.42	4.3	ng	225531	5	21.83	1049160	20.0
Hexacosane	24.19	2.0	ng	112171	6	25.21	1103330	20.0