LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043543.D
Acq On : 7 Nov 2019 17:34
Operator : JU
Sample : K5710-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP- 32-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-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	3.169	9	14	23	rVB	109335	170005	6.66%	1.356%
2	5.108	336	344	352	rBV	100475	158265	6.20%	1.262%
3	5.608	422	429	447	rBV	477363	836371	32.74%	6.670%
4	7.212	694	702	714	rBV	487362	942322	36.89%	7.515%
5	7.552	749	760	771	rBV	507508	933973	36.57%	7.449%
6	8.005	831	837	846	rBV	98362	171200	6.70%	1.365%
7	8.328	885	892	904	rBV	409055	728984	28.54%	5.814%
8	9.168	1024	1035	1051	rBV	268920	547278	21.43%	4.365%
9	10.813	1308	1315	1334	rBV	100414	217167	8.50%	1.732%
10	13.258	1724	1731	1745	rBV	809394	1340629	52.49%	10.692%
11	14.086	1866	1872	1886	rBV	61050	115376	4.52%	0.920%
12	14.638	1959	1966	1981	rBV2	192391	335868	13.15%	2.679%
13	16.131	2212	2220	2235	rBV	769960	1297685	50.81%	10.349%
14	17.382	2425	2433	2442	rBV	251635	436750	17.10%	3.483%
15	17.506	2448	2454	2459	rVB4	18481	27587	1.08%	0.220%
16	18.275	2579	2585	2595	rBV5	31238	62837	2.46%	0.501%
17	19.991	2871	2877	2889	rBV	1841030	2554244	100.00%	20.371%
18	21.295	3093	3099	3109	rBV3	59578	134609	5.27%	1.074%
19	21.648	3153	3159	3174	rBV	318425	610799	23.91%	4.871%
20	21.830	3186	3190	3194	rBV	20761	27460	1.08%	0.219%
21	22.435	3287	3293	3298	rBV3	27429	46462	1.82%	0.371%
22	23.117	3403	3409	3416	rVB4	34185	65829	2.58%	0.525%
23	23.305	3436	3441	3447	rVB5	17878	37926	1.48%	0.302%
24	23.910	3538	3544	3553	rVB	34427	71488	2.80%	0.570%
25	24.838	3692	3702	3714	rBV2	221216	667795	26.14%	5.326%

Sum of corrected areas: 12538909

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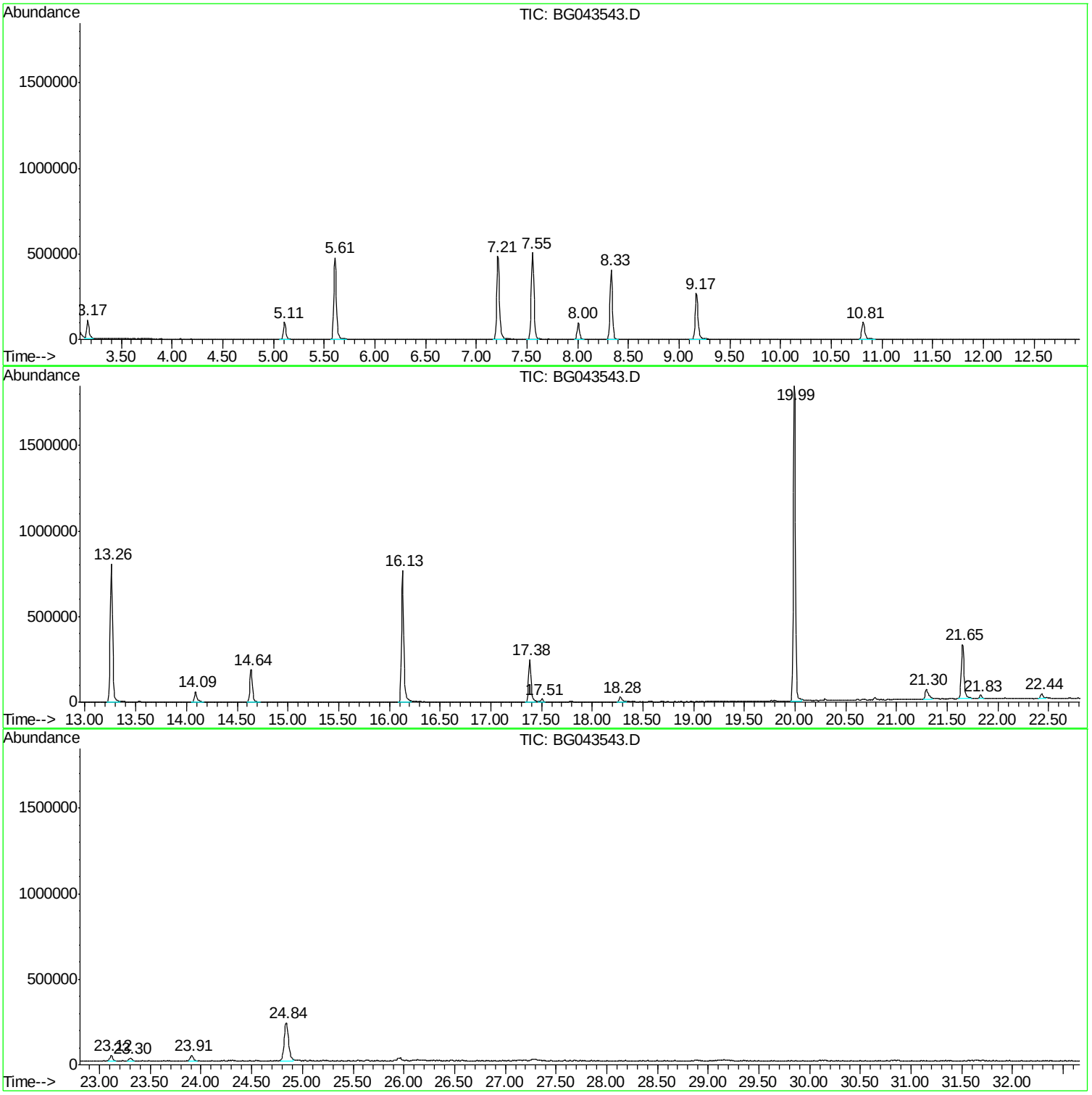
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP- 32-D

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



Library Search Compound Report

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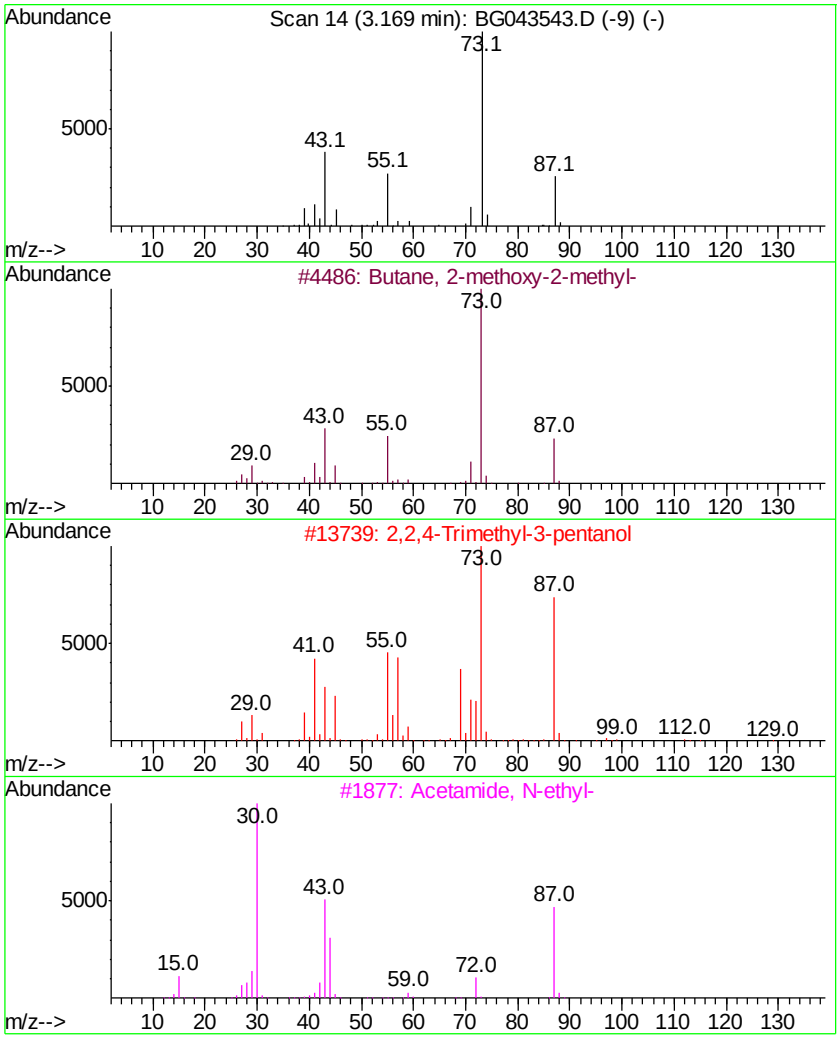
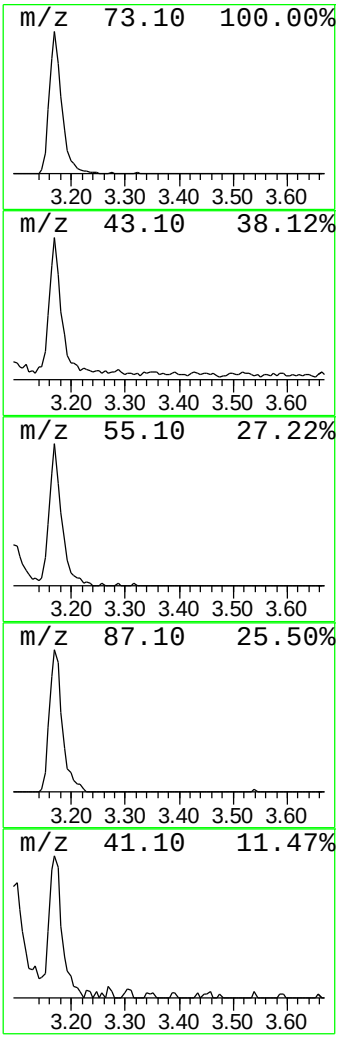
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	19.86 ng	170005	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP- 32-D

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

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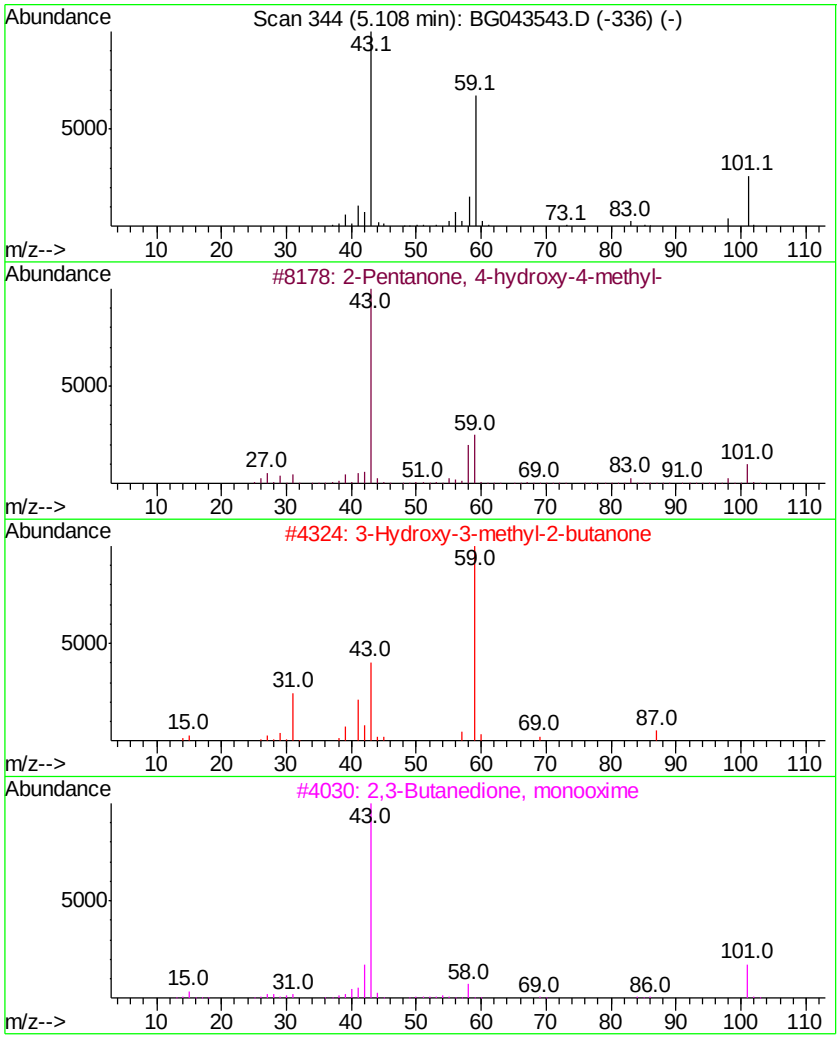
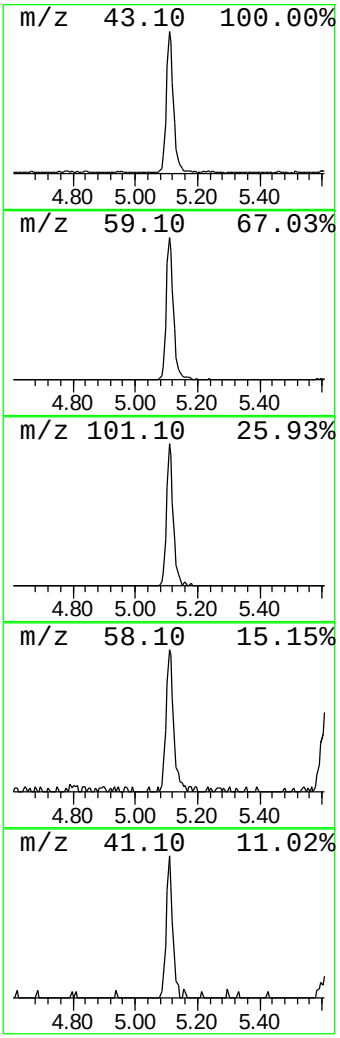
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	18.49 ng	158265	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	35
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Butane	58	C4H10	000106-97-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP- 32-D

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
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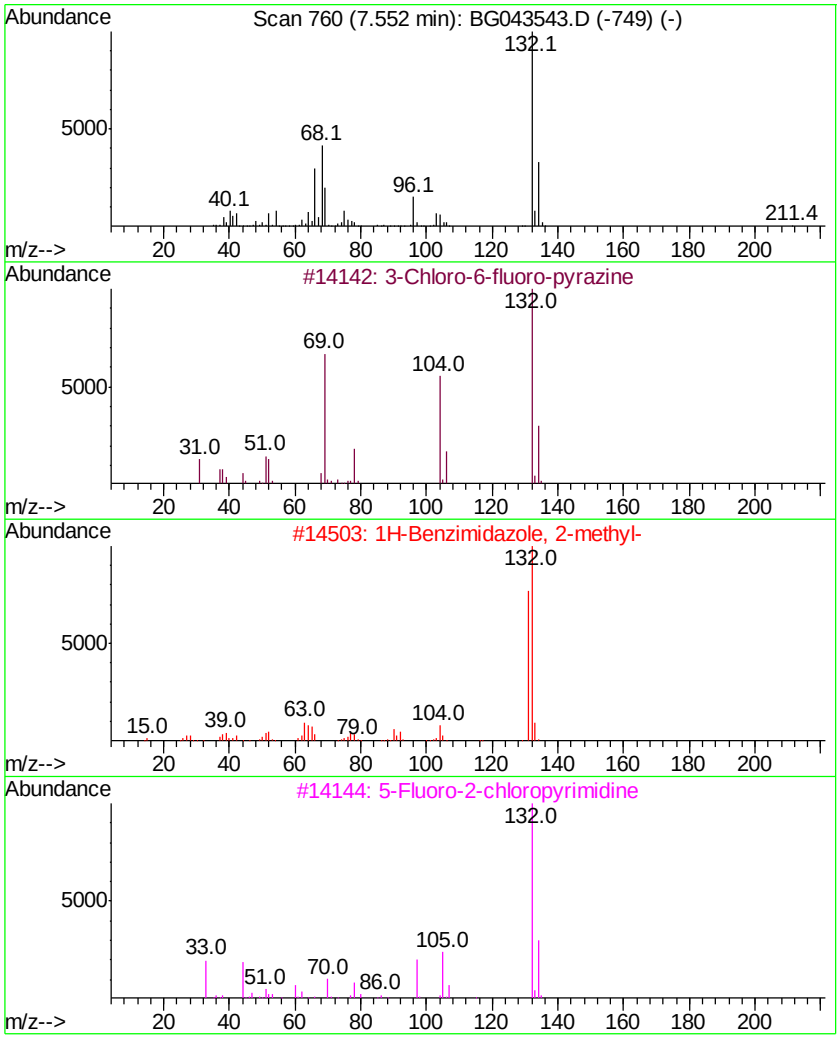
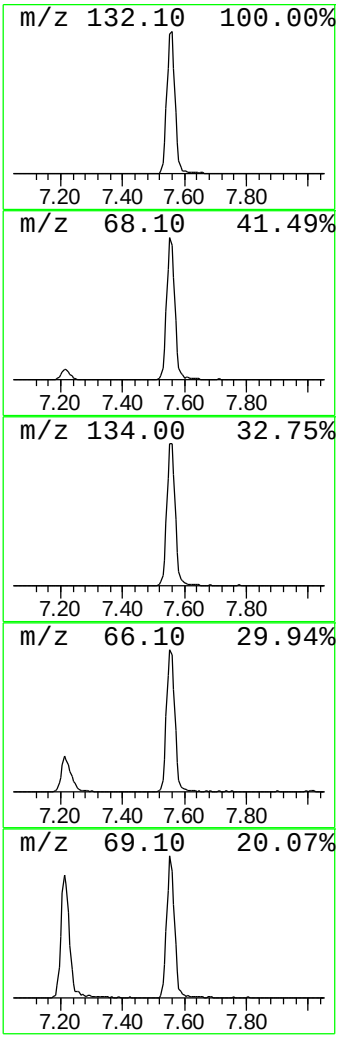
****

Peak Number 3 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	109.11 ng	933973	1,4-Dichlorobenzene-d4	8.00

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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Operator : JU
Sample : K5710-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP- 32-D

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

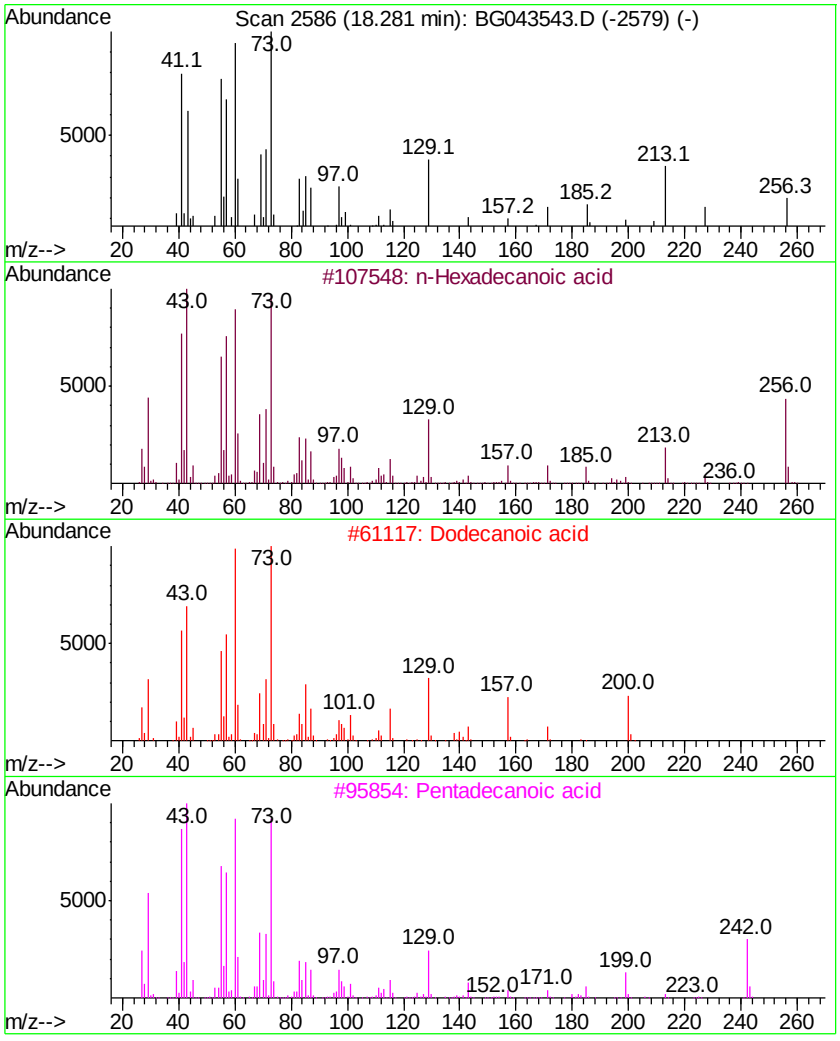
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

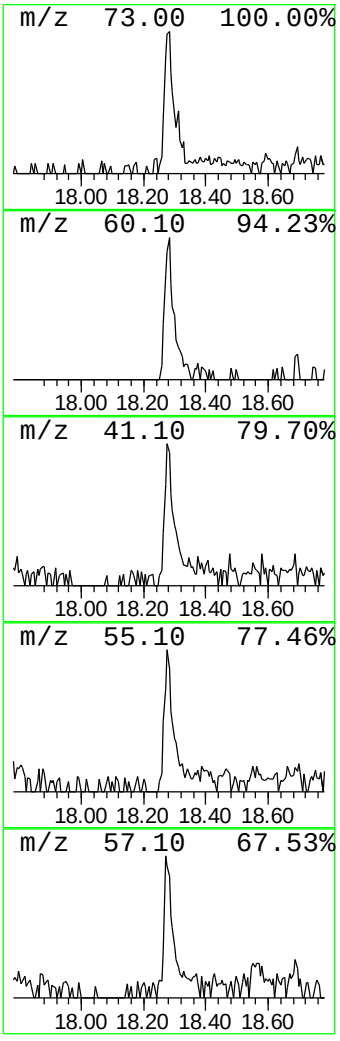
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.88 ng	62837	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
2	Dodecanoic acid	200	C12H24O2	000143-07-7	52
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	47
4	Tridecanoic acid	214	C13H26O2	000638-53-9	47
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP- 32-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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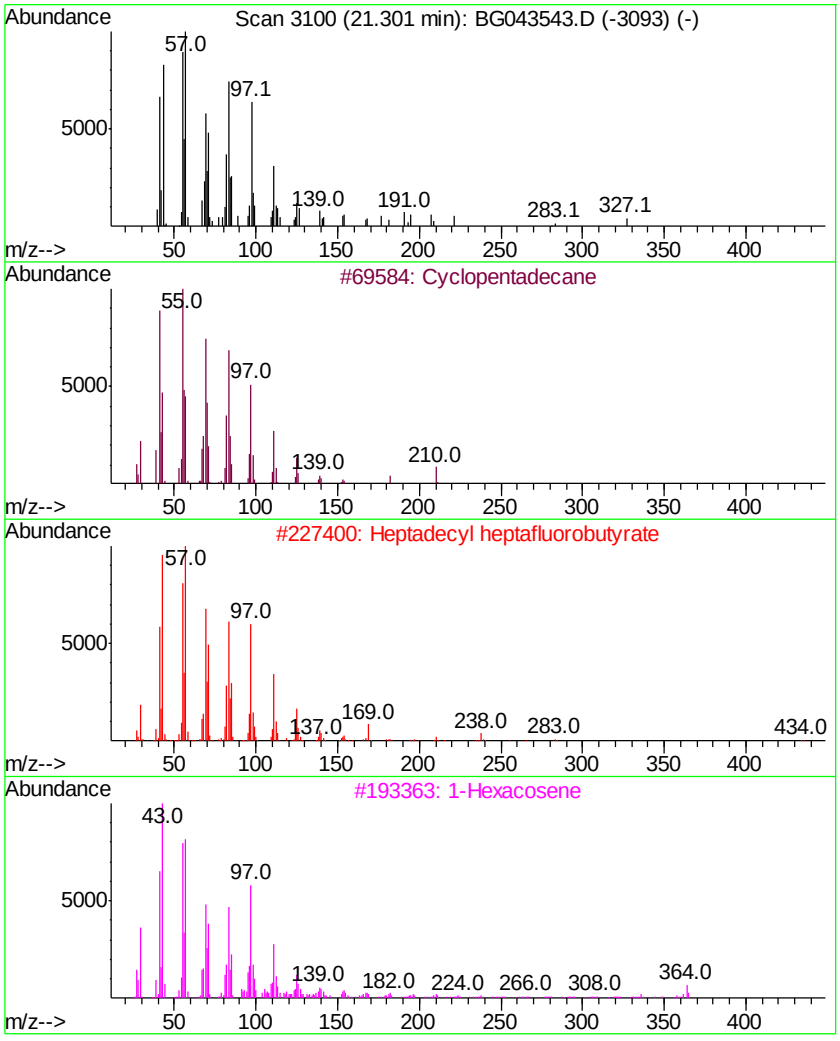
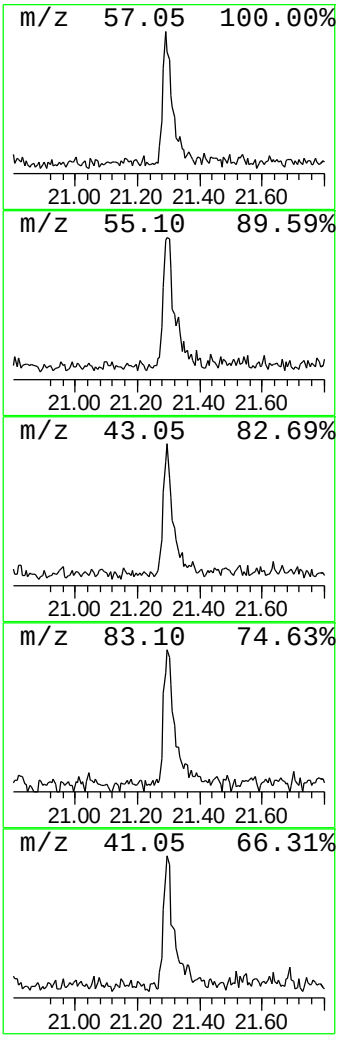
****

Peak Number 6 Cyclopentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	4.41 ng	134609	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	94
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
3	1-Hexacosene	364	C26H52	018835-33-1	87
4	17-Pentatriacontene	491	C35H70	006971-40-0	83
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	83





Library Search Compound Report

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ClientSampleId : TP- 32-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

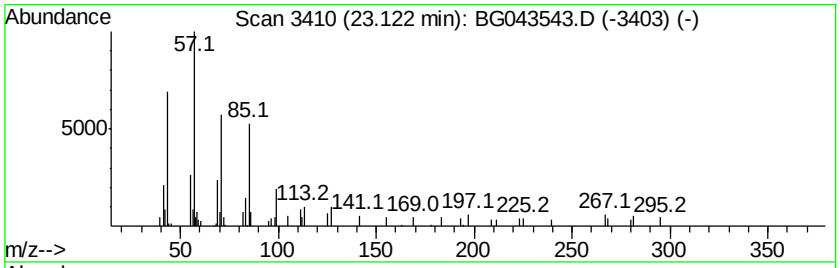
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

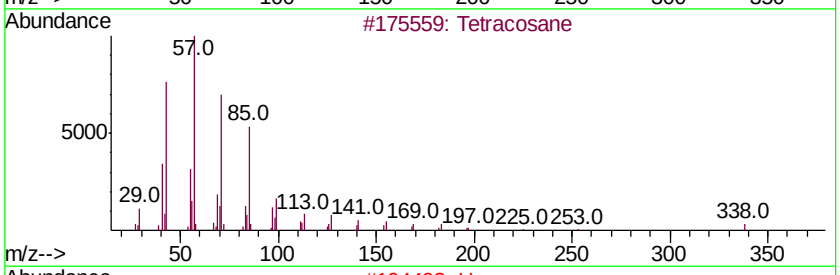
****

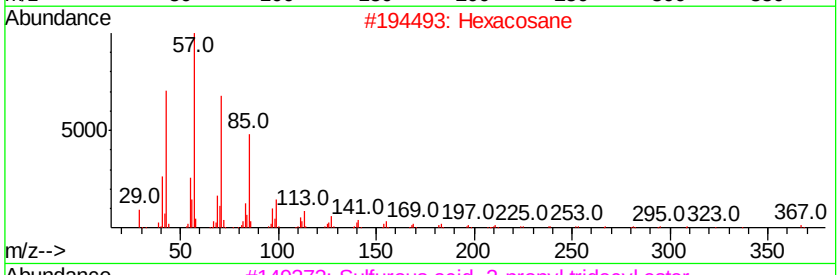
Peak Number 7 Tetracosane Concentration Rank 7

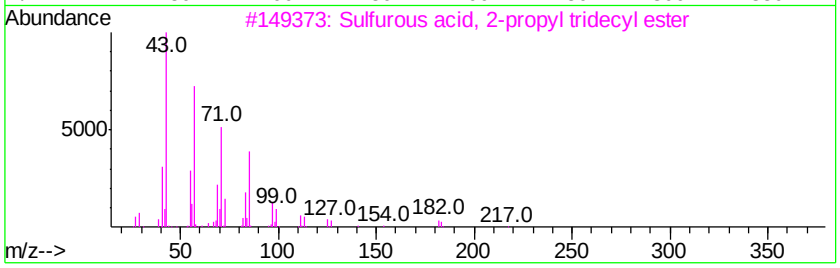
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	2.16 ng	65829	Chrysene-d12	21.65

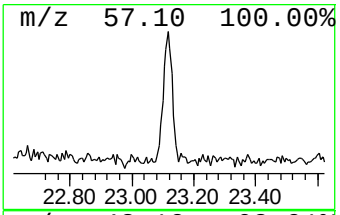
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	72
2	Hexacosane	366	C26H54	000630-01-3	72
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Octadecane	254	C18H38	000593-45-3	72

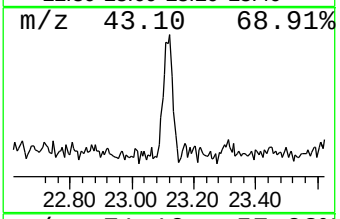


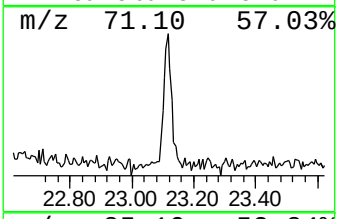


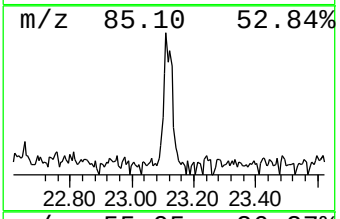


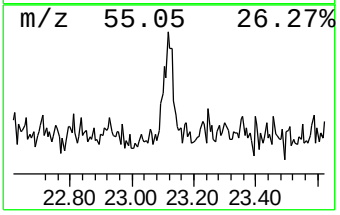












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TIC Library : C:\Database\NIST11.L
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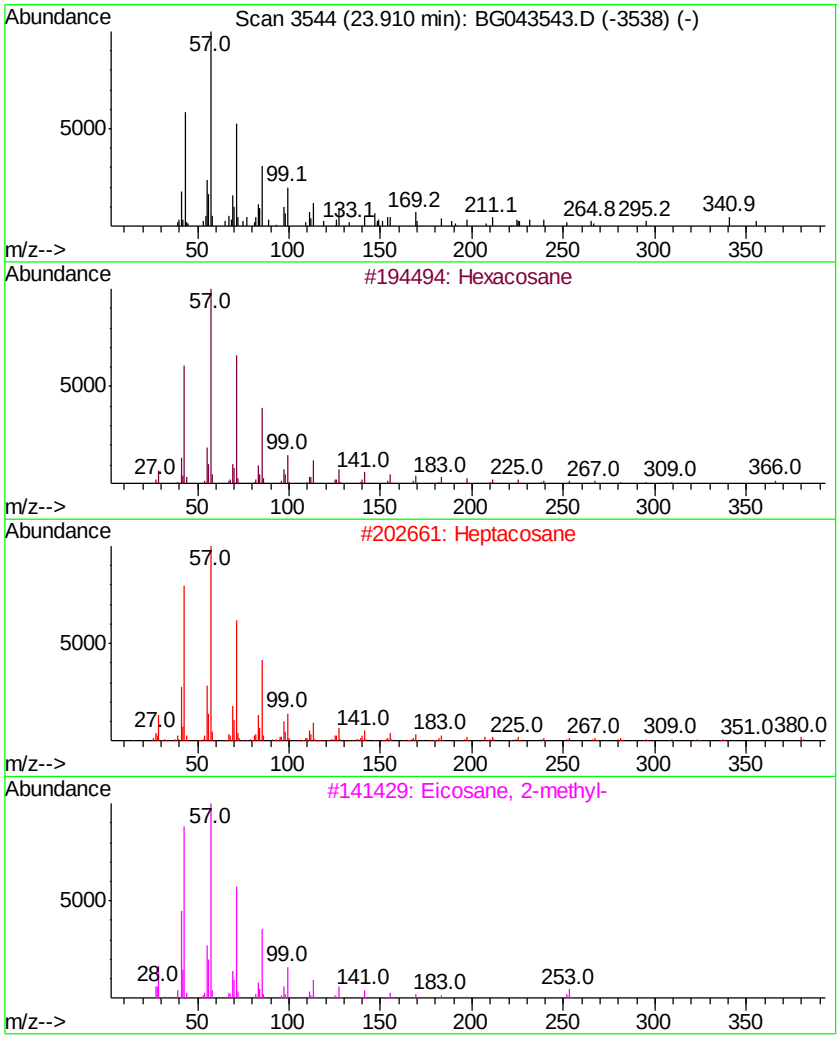
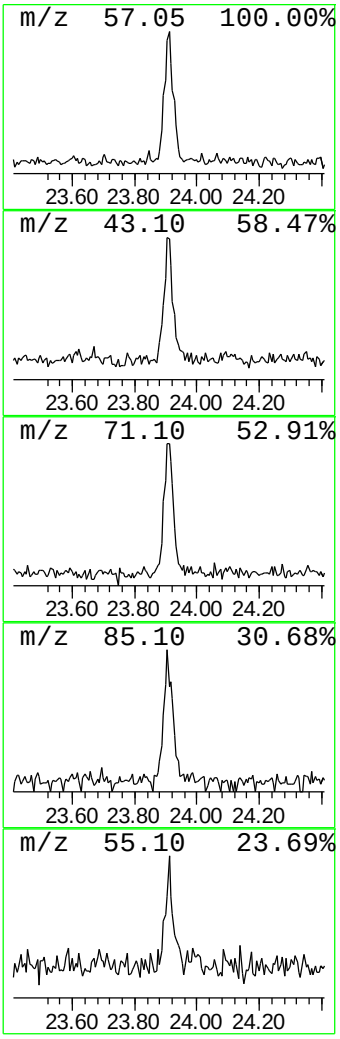
****

Peak Number 8 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	2.14 ng	71488	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Heptacosane	380	C27H56	000593-49-7	87
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	86
4	Hentriacontane	437	C31H64	000630-04-6	83
5	Octacosane	394	C28H58	000630-02-4	83





Tentatively Identified Compound (LSC) summary

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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	19.9	ng	170005	1	8.00	171200	20.0
2-Pentanone, 4-hy...	5.11	18.5	ng	158265	1	8.00	171200	20.0
unknown7.55	7.55	109.1	ng	933973	1	8.00	171200	20.0
n-Hexadecanoic acid	18.28	2.9	ng	62837	4	17.38	436750	20.0
Cyclopentadecane	21.30	4.4	ng	134609	5	21.65	610799	20.0
Tetracosane	23.12	2.2	ng	65829	5	21.65	610799	20.0
Hexacosane	23.91	2.1	ng	71488	6	24.84	667795	20.0