LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041308.D
Acq On : 18 Jun 2019 21:54
Operator : HP/JU
Sample : K3419-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-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-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	3.158	7	12	21	rVB	182949	312266	9.63%	1.773%
2	5.620	424	431	443	rBV	788960	1283182	39.56%	7.285%
3	7.236	698	706	718	rBV	847785	1478750	45.58%	8.396%
4	7.606	762	769	785	rVB	819450	1418748	43.73%	8.055%
5	8.082	843	850	858	rBV	137311	252103	7.77%	1.431%
6	8.405	897	905	913	rBV	589537	1056860	32.58%	6.000%
7	9.257	1043	1050	1061	rBV	507340	930417	28.68%	5.283%
8	10.902	1323	1330	1340	rBV	170755	312292	9.63%	1.773%
9	13.334	1737	1744	1758	rBV	1423805	2172557	66.97%	12.335%
10	14.157	1877	1884	1892	rBV	109443	170735	5.26%	0.969%
11	14.715	1972	1979	1988	rBV2	302581	480036	14.80%	2.725%
12	16.202	2225	2232	2245	rBV	1207068	1832416	56.49%	10.404%
13	17.459	2440	2446	2453	rBV	399732	619814	19.11%	3.519%
14	18.317	2587	2592	2603	rBV2	72826	132755	4.09%	0.754%
15	19.509	2790	2795	2801	rVB	23405	32670	1.01%	0.185%
16	19.580	2803	2807	2813	rBV4	30626	44731	1.38%	0.254%
17	19.868	2853	2856	2861	rVB	30905	41848	1.29%	0.238%
18	20.056	2882	2888	2899	rBV	2426310	3244006	100.00%	18.418%
19	21.331	3099	3105	3113	rBV4	79151	151872	4.68%	0.862%
20	21.736	3166	3174	3181	rBV	426071	738624	22.77%	4.194%
21	23.193	3417	3422	3431	rVB5	34416	74236	2.29%	0.421%
22	24.016	3552	3562	3570	rBV6	34750	94318	2.91%	0.536%
23	24.991	3722	3728	3729	rVV5	21750	43998	1.36%	0.250%
24	25.044	3729	3737	3750	rVB3	224305	656518	20.24%	3.727%
25	26.131	3916	3922	3928	rBV9	15123	37178	1.15%	0.211%

Sum of corrected areas: 17612930

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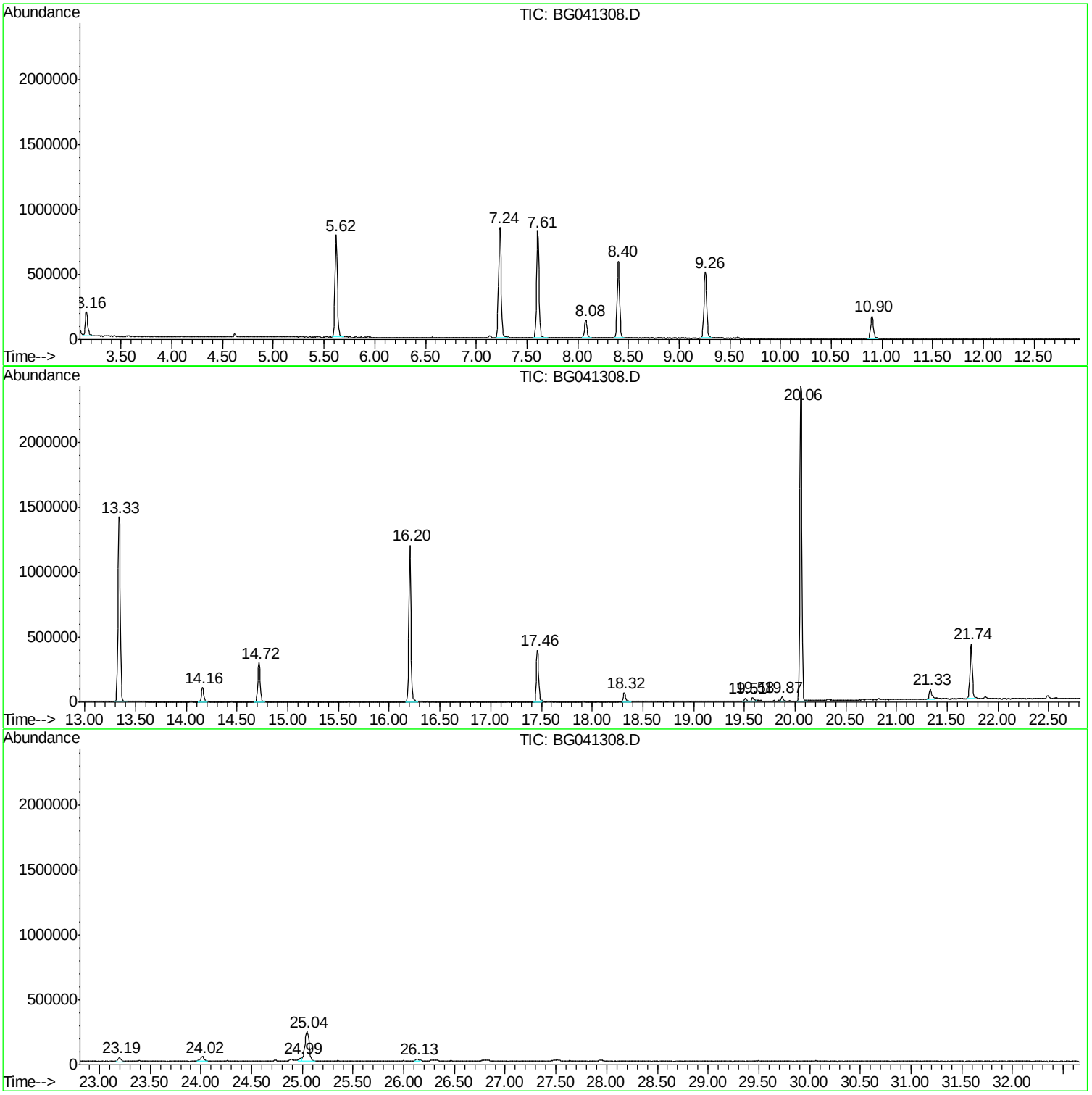
Instrument :
BNA_G
ClientSampleId :
TP-D

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041308.D
Acq On : 18 Jun 2019 21:54
Operator : HP/JU
Sample : K3419-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-D

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

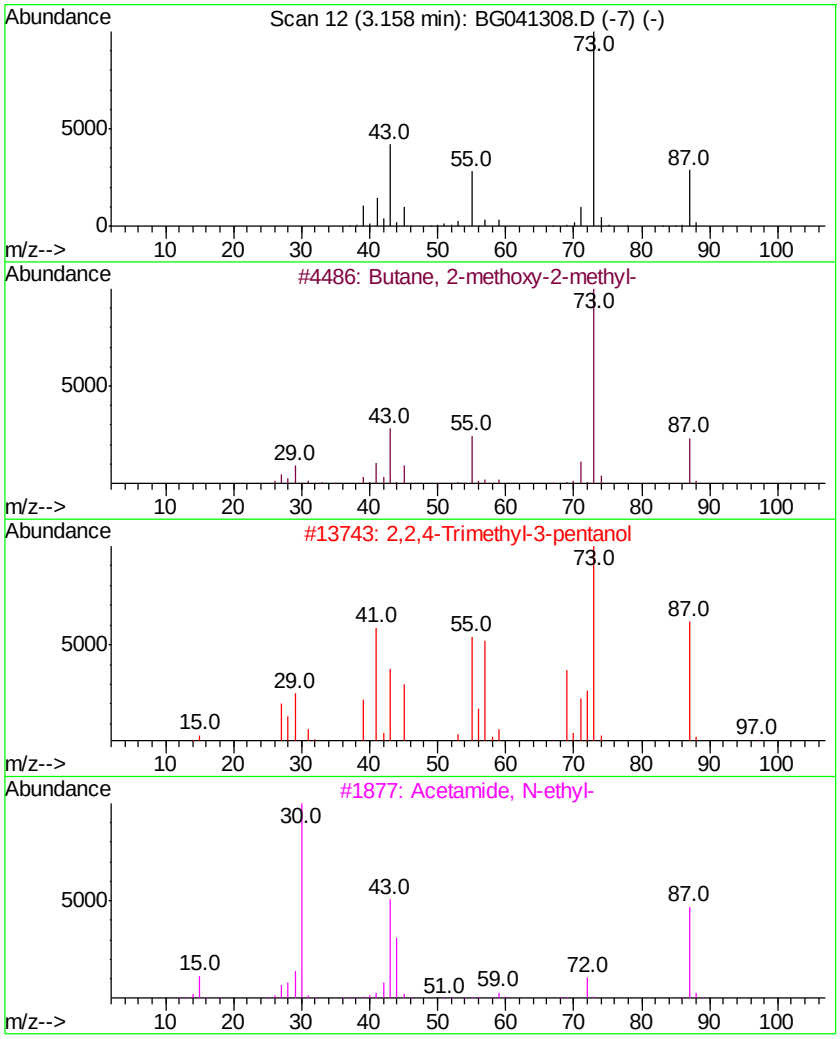
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

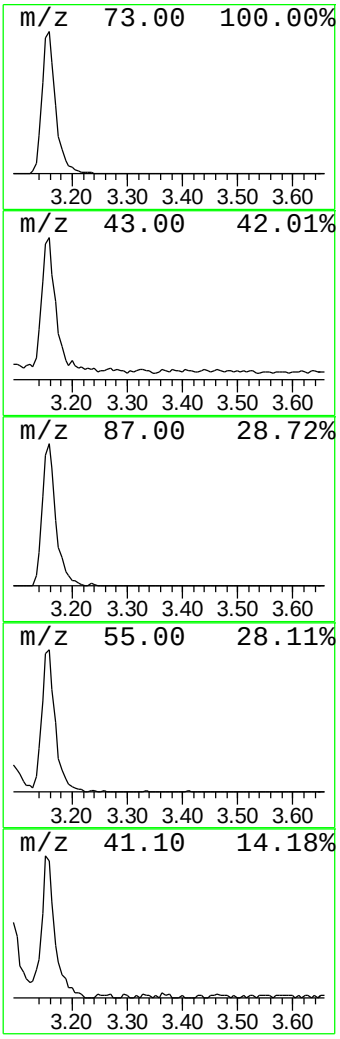
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	24.77 ng	312266	1,4-Dichlorobenzene-d4	8.08

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9





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Operator : HP/JU
Sample : K3419-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-D

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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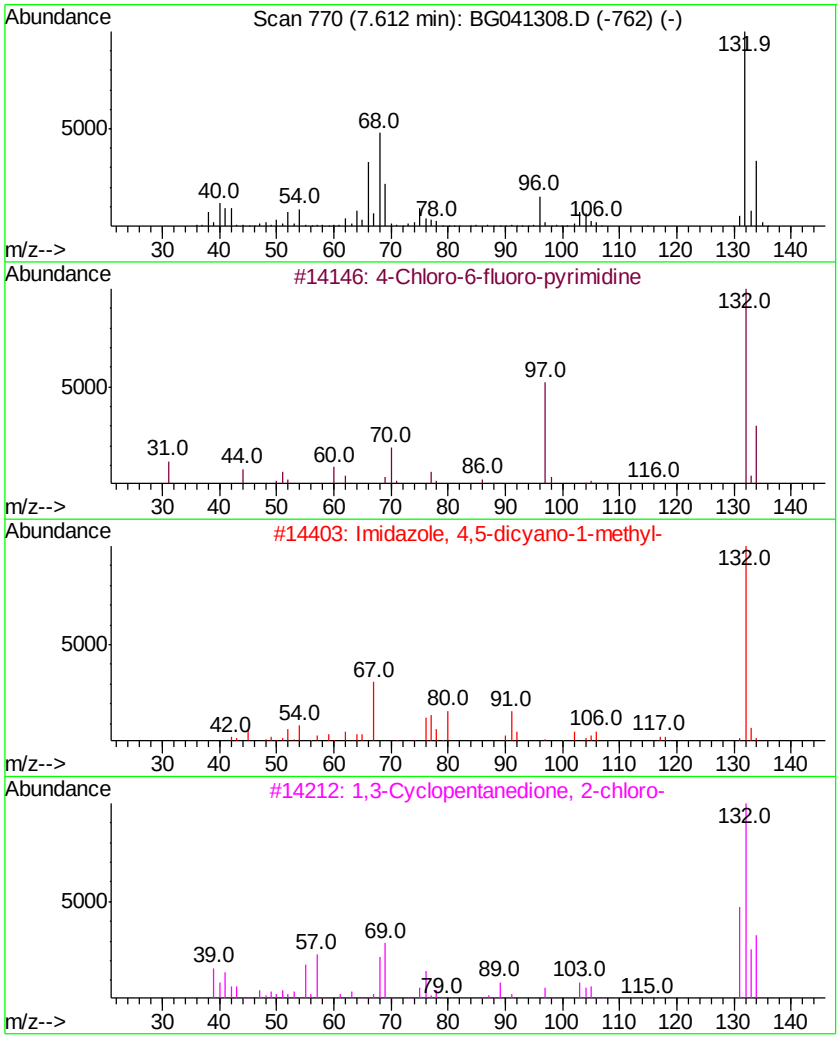
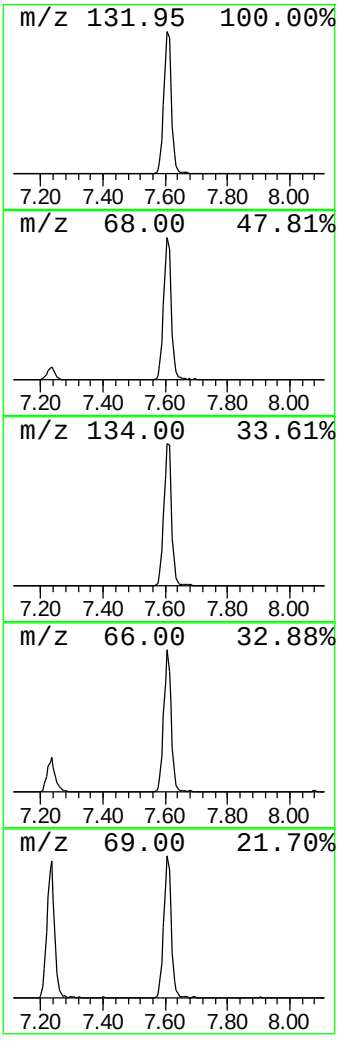
Peak Number 2 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	112.55 ng	1418750	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	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
Data File : BG041308.D
Acq On : 18 Jun 2019 21:54
Operator : HP/JU
Sample : K3419-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-D

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
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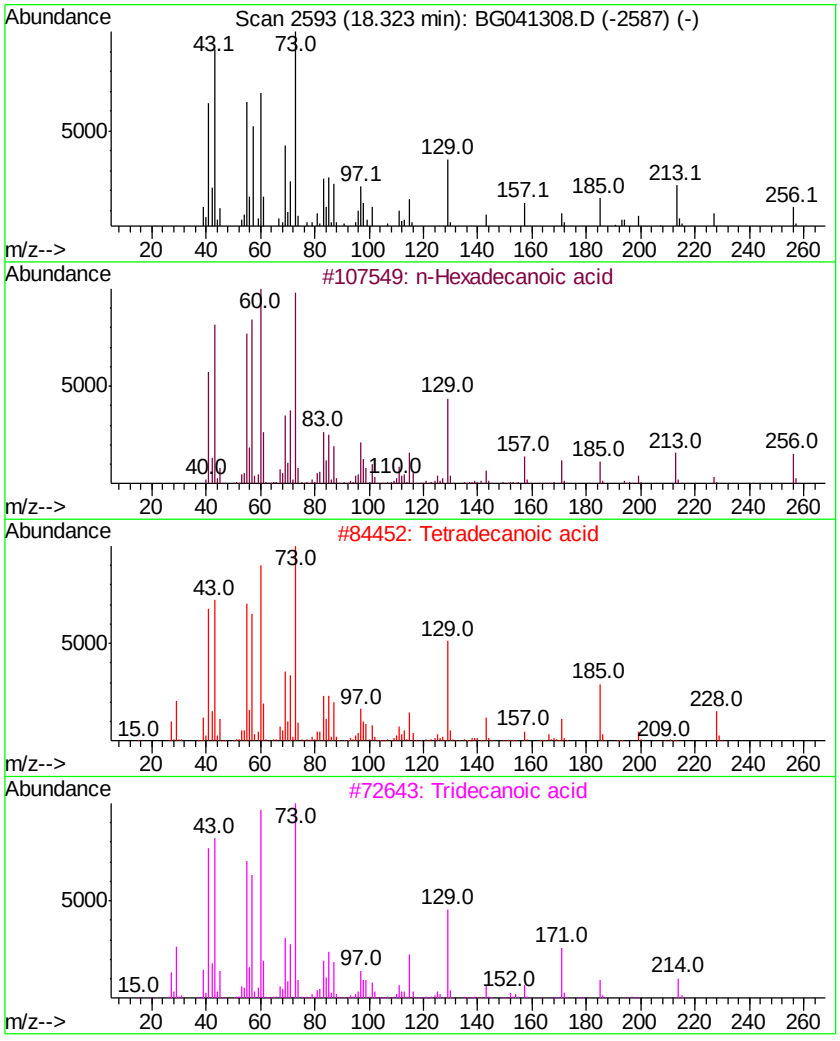
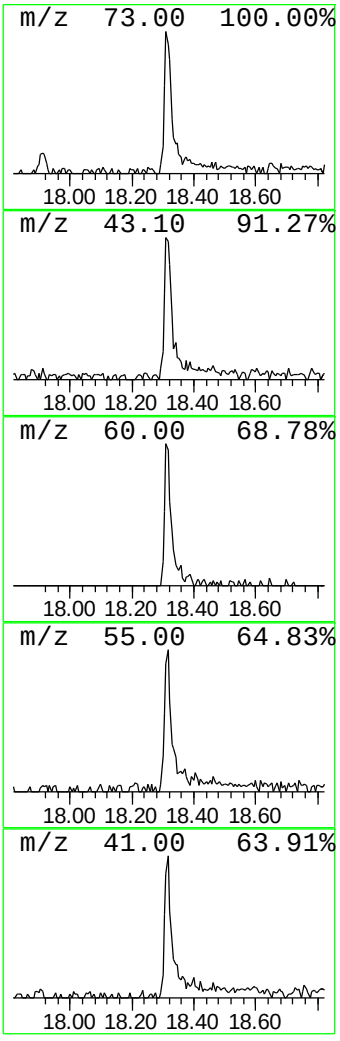
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	4.28 ng	132755	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





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Sample : K3419-07
Misc :
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Instrument : BNA_G
ClientSampleId : TP-D

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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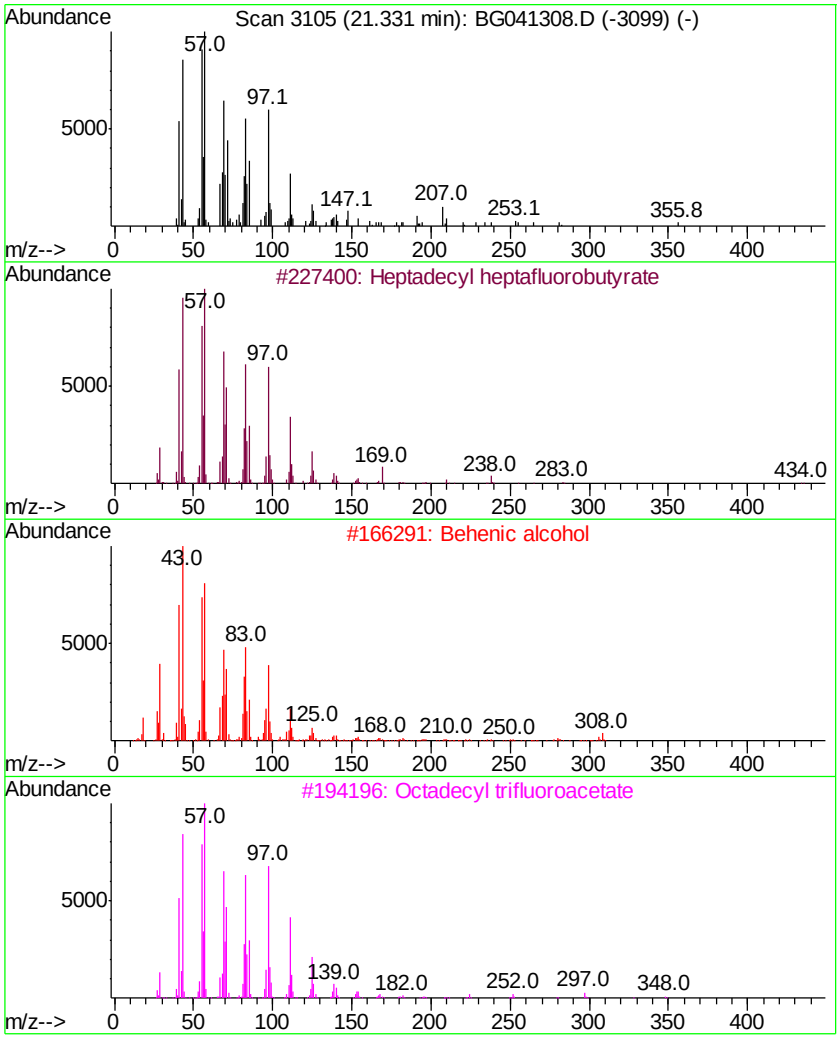
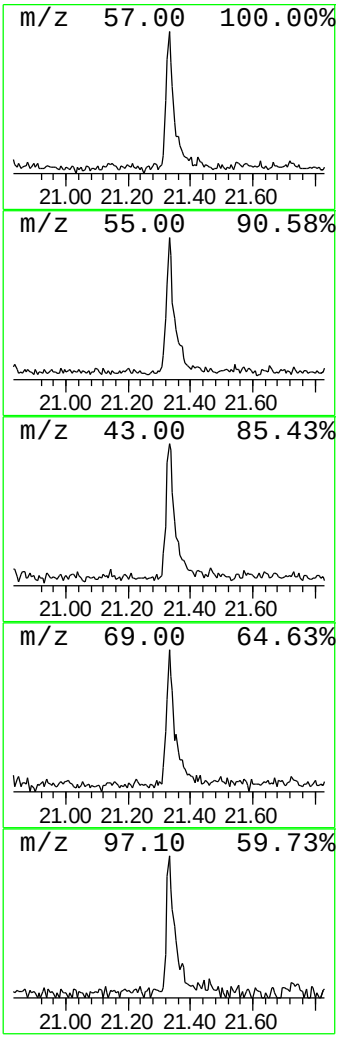
Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	4.11 ng	151872	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
2	Behenic alcohol	326	C22H46O	000661-19-8	83
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	83
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	83
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	83





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Operator : HP/JU
Sample : K3419-07
Misc :
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Instrument : BNA_G
ClientSampleId : TP-D

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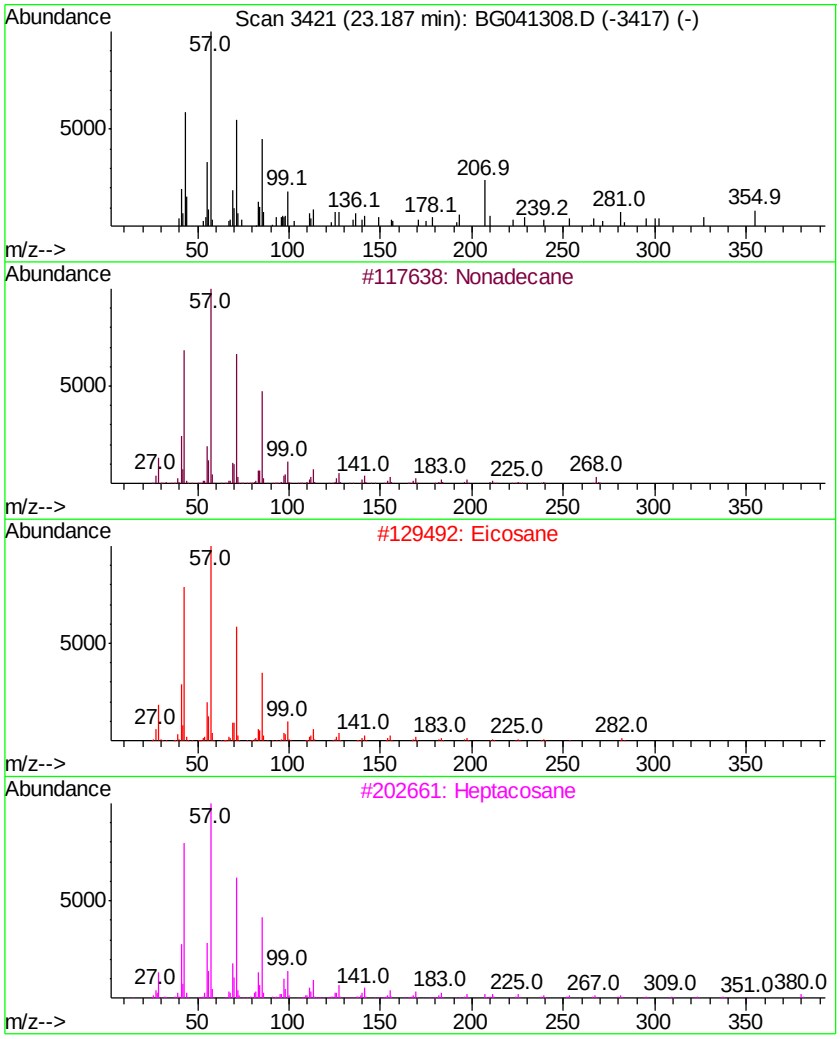
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

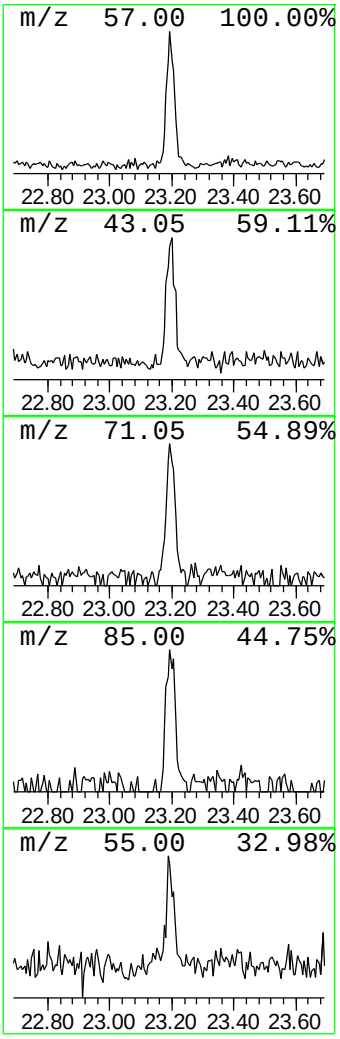
****

Peak Number 6 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	2.01 ng	74236	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Eicosane	282	C20H42	000112-95-8	93
3	Heptacosane	380	C27H56	000593-49-7	76
4	Tetratetracontane	619	C44H90	007098-22-8	68
5	Octadecane	254	C18H38	000593-45-3	68





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Misc :
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Instrument : BNA_G
ClientSampleId : TP-D

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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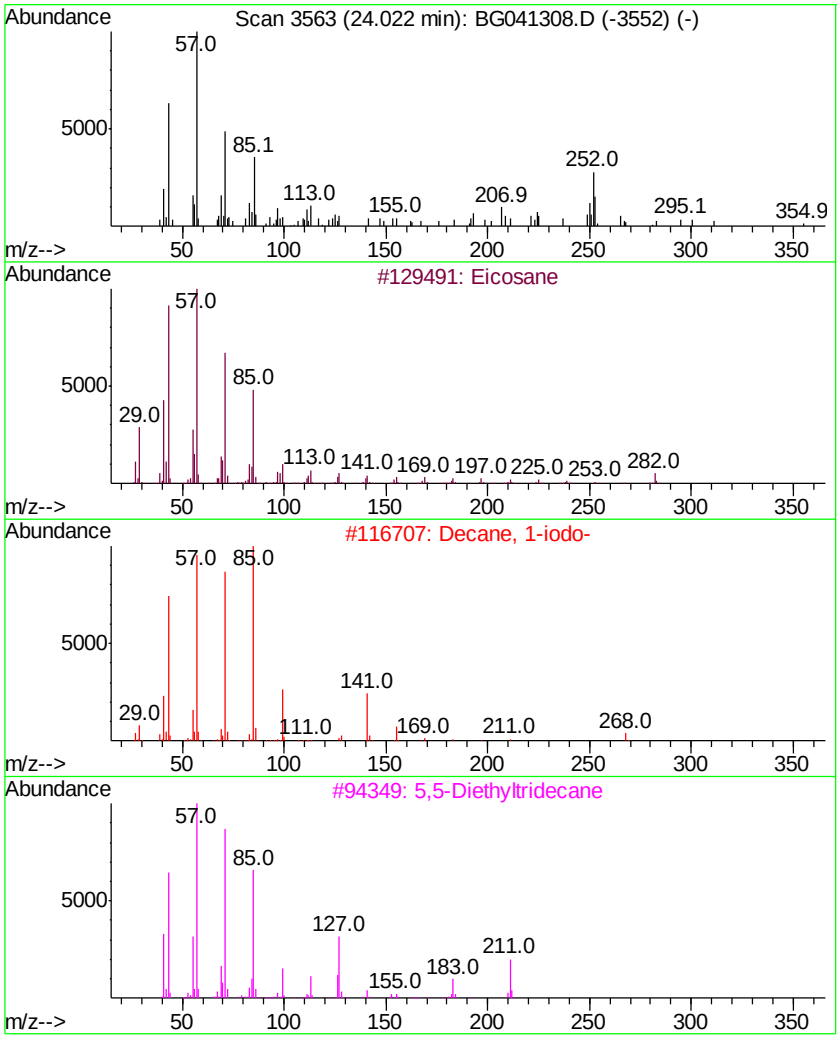
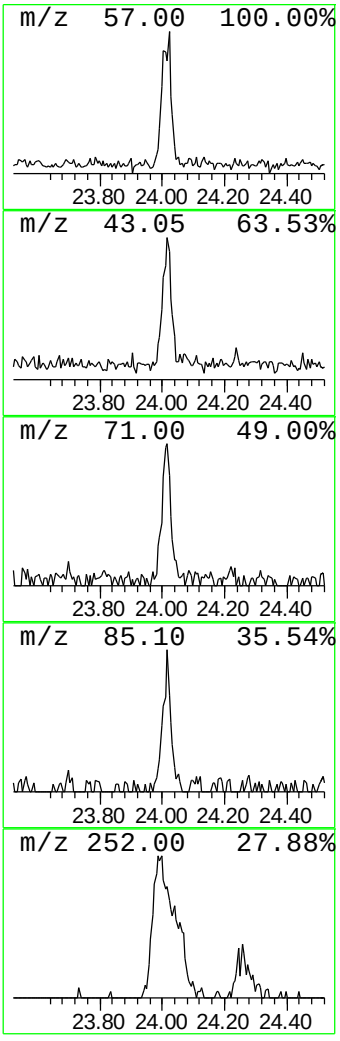
Peak Number 7 unknown24.02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	2.87 ng	94318	Perylene-d12	25.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	49
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	46
3	5,5-Diethyltridecane	240	C17H36	1000360-41-3	46
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	46
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	46





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...	3.16	24.8	ng	312266	1	8.08	252103	20.0
unknown7.61	7.61	112.6	ng	1418750	1	8.08	252103	20.0
n-Hexadecanoic acid	18.32	4.3	ng	132755	4	17.46	619814	20.0
Heptadecyl heptaf...	21.33	4.1	ng	151872	5	21.74	738624	20.0
Nonadecane	23.19	2.0	ng	74236	5	21.74	738624	20.0
unknown24.02	24.02	2.9	ng	94318	6	25.04	656518	20.0