LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020654.D
Acq On : 01 Jun 2019 17:20
Operator : HP/JU
Sample : K3097-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20190424-HR-4

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_M\METHODS\8270-BM053119.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	3.058	8	12	26	rVB	898936	1140716	13.00%	1.865%
2	5.410	406	412	424	rVB	2476334	3508252	39.98%	5.734%
3	6.987	673	680	694	rBV	2642157	4230050	48.20%	6.914%
4	7.357	736	743	752	rBV	2536895	4041488	46.06%	6.606%
5	7.828	816	823	831	rBV	1035067	1633349	18.61%	2.670%
6	8.146	869	877	885	rBV	1752136	2892218	32.96%	4.728%
7	8.987	1013	1020	1036	rBV	1493519	2459680	28.03%	4.020%
8	10.622	1290	1298	1310	rVB	1469615	2411963	27.49%	3.942%
9	13.086	1709	1717	1724	rBV	3902221	5598471	63.80%	9.151%
10	13.922	1854	1859	1866	rVB	275324	379703	4.33%	0.621%
11	14.463	1943	1951	1959	rBV2	2200335	3388347	38.61%	5.538%
12	15.951	2198	2204	2217	rBV	3231167	4577895	52.17%	7.483%
13	17.210	2411	2418	2424	rBV2	3029415	4311231	49.13%	7.047%
14	18.104	2565	2570	2580	rBV	167141	274281	3.13%	0.448%
15	19.262	2763	2767	2776	rVB	129664	174223	1.99%	0.285%
16	19.380	2783	2787	2792	rBV5	70627	95394	1.09%	0.156%
17	19.627	2825	2829	2837	rVB	92065	147801	1.68%	0.242%
18	19.833	2858	2864	2870	rBV	7369587	8775291	100.00%	14.344%
19	21.103	3076	3080	3090	rBV	445433	591373	6.74%	0.967%
20	21.386	3122	3128	3133	rBV	3749725	4662924	53.14%	7.622%
21	21.545	3152	3155	3161	rVB2	91617	102201	1.16%	0.167%
22	21.992	3228	3231	3236	rBV2	126189	154787	1.76%	0.253%
23	22.468	3308	3312	3317	rBV	188423	252344	2.88%	0.412%
24	22.992	3397	3401	3406	rBV2	216322	321257	3.66%	0.525%
25	23.580	3497	3501	3509	rVB2	252972	431323	4.92%	0.705%
26	23.680	3511	3518	3528	rVB	2325816	4273973	48.70%	6.986%
27	24.256	3611	3616	3622	rVB	185273	348009	3.97%	0.569%

Sum of corrected areas: 61178544

LSC Report - Integrated Chromatogram

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Misc :
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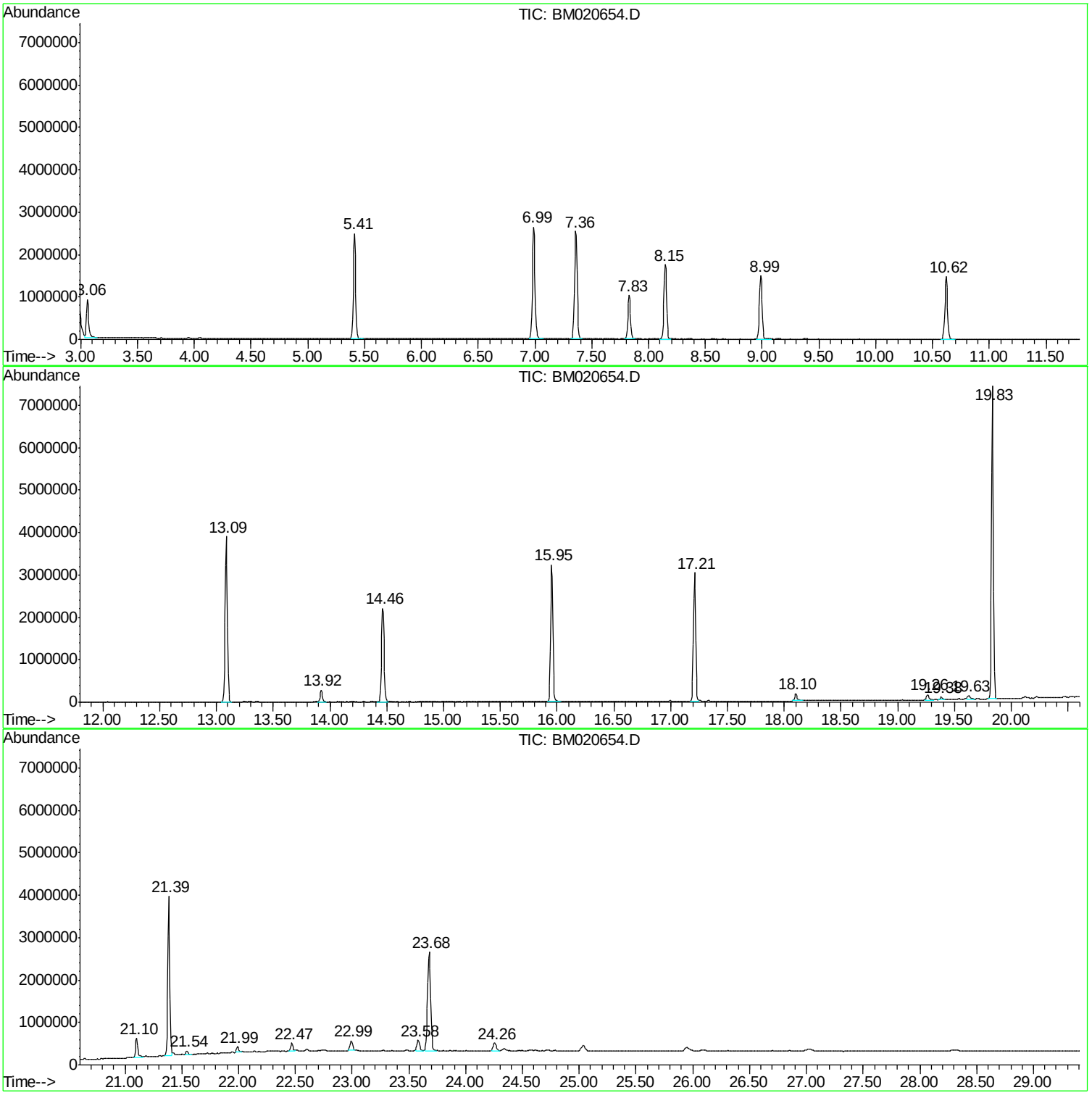
Instrument : BNA_M
ClientSampleId : 20190424-HR-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020654.D
Acq On : 01 Jun 2019 17:20
Operator : HP/JU
Sample : K3097-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20190424-HR-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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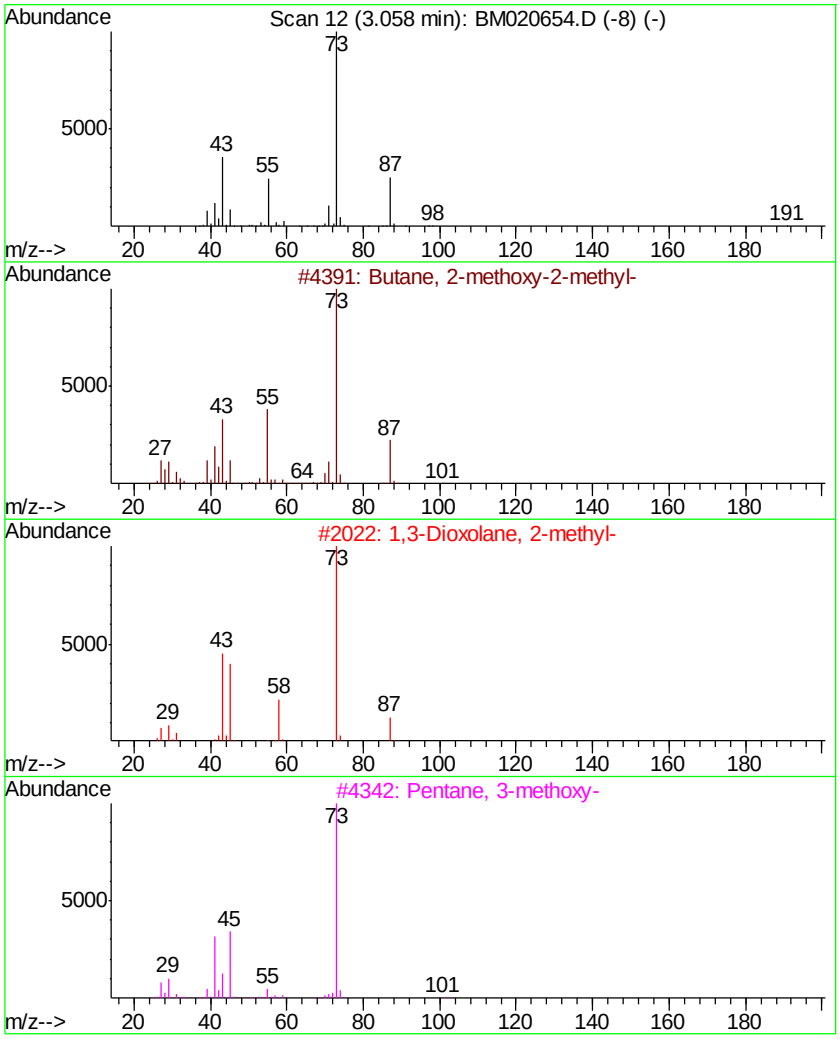
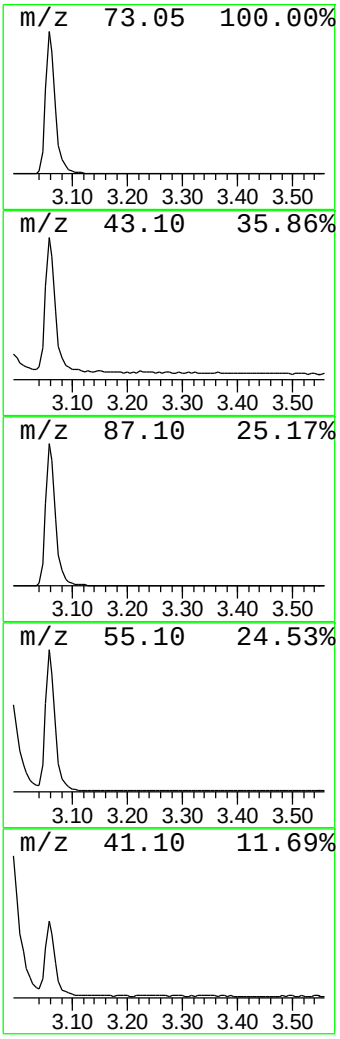
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	13.97 ng	1140720	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020654.D
Acq On : 01 Jun 2019 17:20
Operator : HP/JU
Sample : K3097-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20190424-HR-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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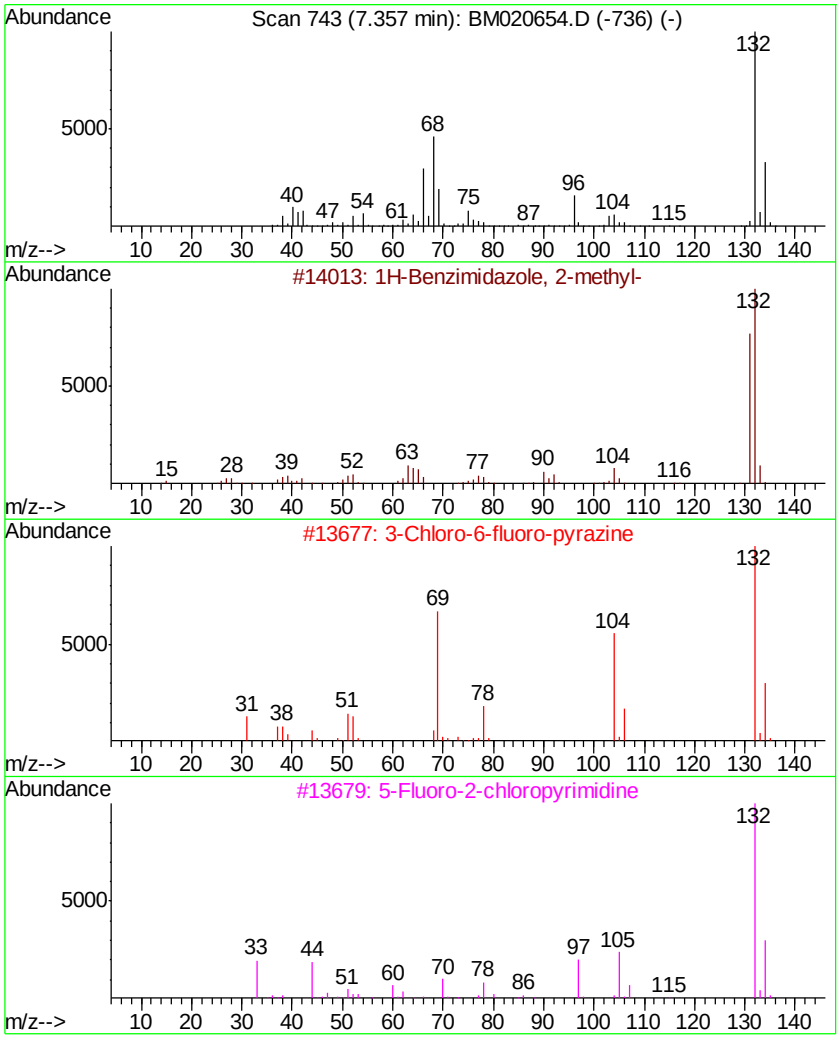
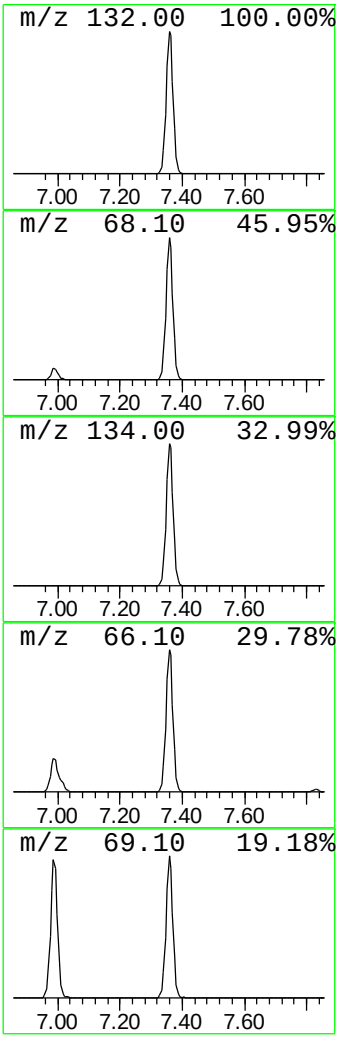
Peak Number 2 unknown7.36 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	49.49 ng	4041490	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





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Sample : K3097-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 20190424-HR-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
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TIC Library : C:\DATABASE\NIST02.L
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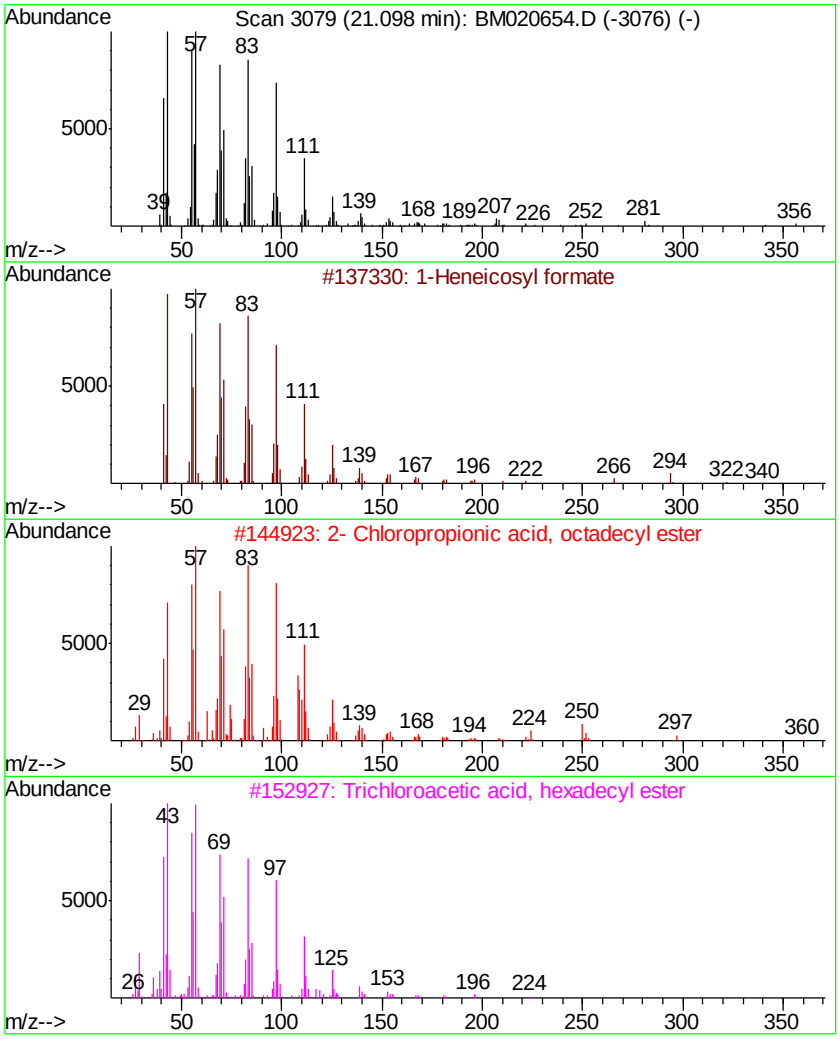
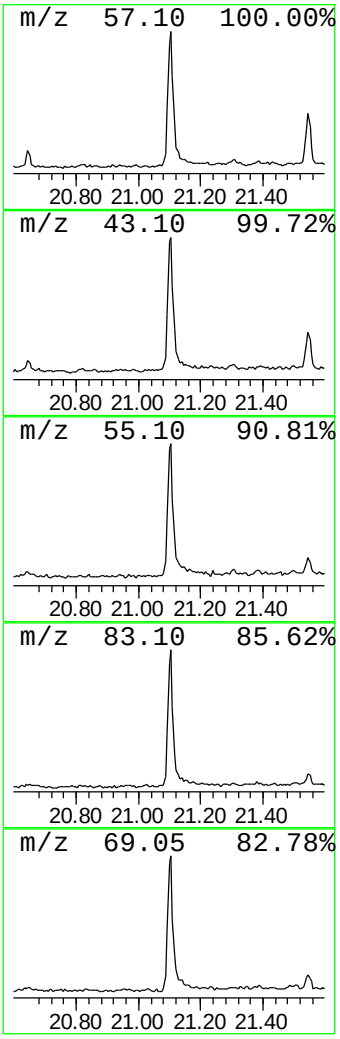
Peak Number 4 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	2.54 ng	591373	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





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Instrument : BNA_M
ClientSampleId : 20190424-HR-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
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TIC Integration Parameters: LSCINT.P

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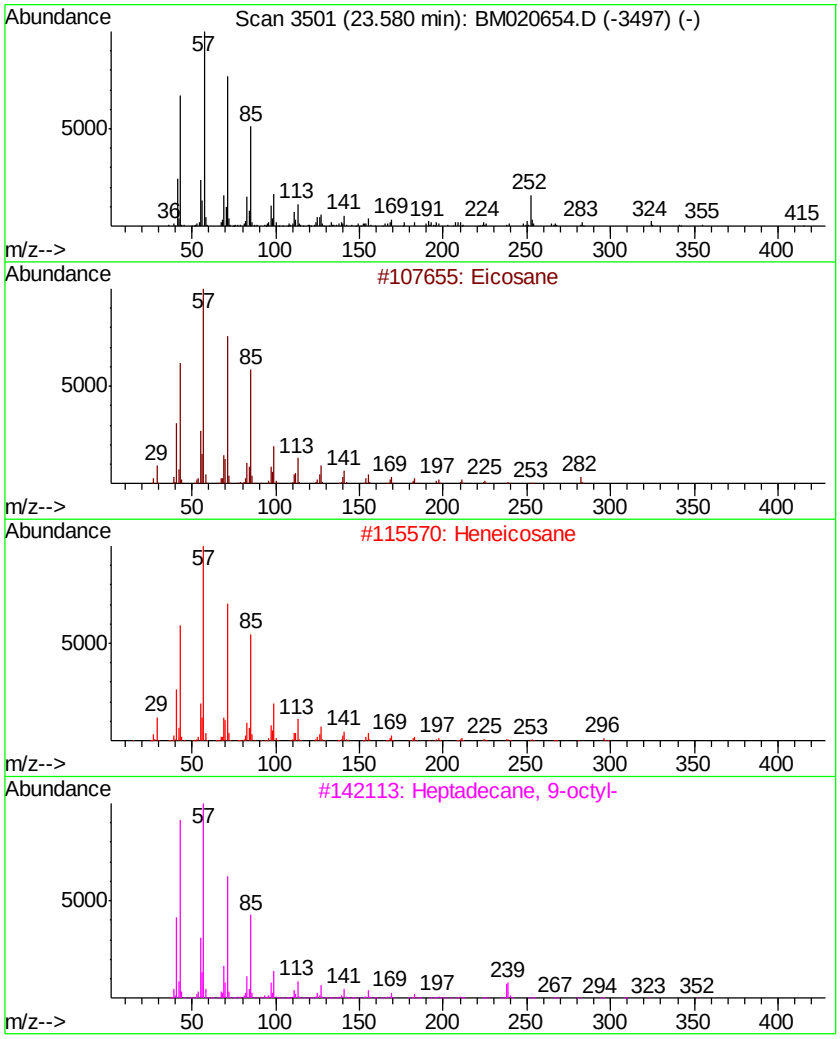
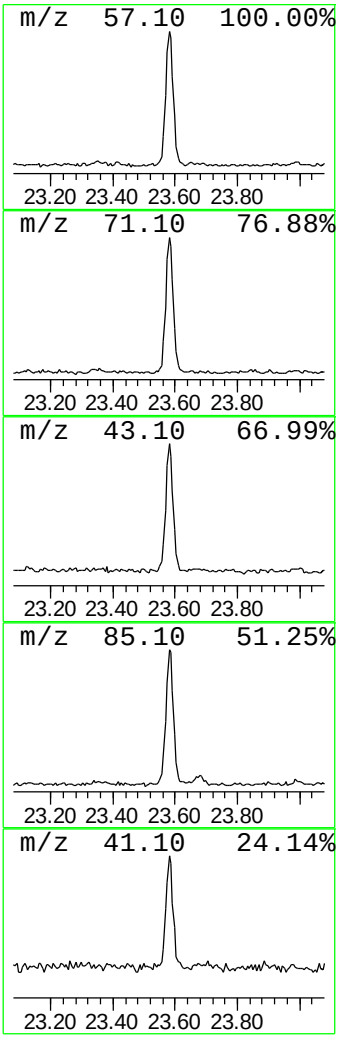
Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.58	2.02 ng	431323	Perylene-d12	23.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Heptadecane, 2,3-dimethyl-	268	C19H40	061868-03-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060119\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.06	14.0	ng	1140720	1	7.83	1633350	20.0
unknown7.36	7.36	49.5	ng	4041490	1	7.83	1633350	20.0
1-Heneicosyl formate	21.10	2.5	ng	591373	5	21.39	4662920	20.0
Eicosane	23.58	2.0	ng	431323	6	23.68	4273970	20.0