LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020649.D
Acq On : 01 Jun 2019 14:20
Operator : HP/JU
Sample : K3075-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TEST-PIT-3

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	3.063	8	13	29	rVB	2308338	2846009	19.93%	2.797%
2	5.416	405	413	425	rBV	5854878	8534883	59.77%	8.388%
3	6.993	671	681	696	rBV	5843725	9725318	68.11%	9.558%
4	7.363	736	744	755	rBV	6115822	9620658	67.38%	9.455%
5	7.828	816	823	830	rBV	1080192	1743481	12.21%	1.713%
6	8.151	870	878	886	rBV	4208397	6818530	47.75%	6.701%
7	8.992	1013	1021	1029	rBV	3617311	5839125	40.89%	5.739%
8	10.622	1291	1298	1306	rBV	1434989	2405205	16.84%	2.364%
9	13.086	1710	1717	1729	rVB	7963096	11861305	83.07%	11.657%
10	13.922	1852	1859	1867	rBV	1055137	1483832	10.39%	1.458%
11	14.463	1940	1951	1959	rBV2	2070066	3212876	22.50%	3.158%
12	15.957	2198	2205	2222	rBV	6757269	9602013	67.25%	9.437%
13	17.210	2412	2418	2424	rBV2	2614417	3734520	26.15%	3.670%
14	18.104	2565	2570	2581	rBV	623978	981774	6.88%	0.965%
15	19.386	2783	2788	2804	rBV	232170	400632	2.81%	0.394%
16	19.839	2859	2865	2870	rBV	11159452	14278848	100.00%	14.033%
17	21.103	3076	3080	3087	rBV	455139	600687	4.21%	0.590%
18	21.386	3123	3128	3134	rBV	2686119	3400679	23.82%	3.342%
19	21.992	3228	3231	3235	rBV	128601	157877	1.11%	0.155%
20	22.468	3309	3312	3317	rVB	151887	194133	1.36%	0.191%
21	22.597	3330	3334	3343	rVB	415879	579875	4.06%	0.570%
22	22.992	3398	3401	3407	rVB2	152931	214493	1.50%	0.211%
23	23.580	3498	3501	3508	rVB	133378	227190	1.59%	0.223%
24	23.680	3511	3518	3528	rVB	1667538	3286998	23.02%	3.230%

Sum of corrected areas: 101750941

LSC Report - Integrated Chromatogram

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Misc :
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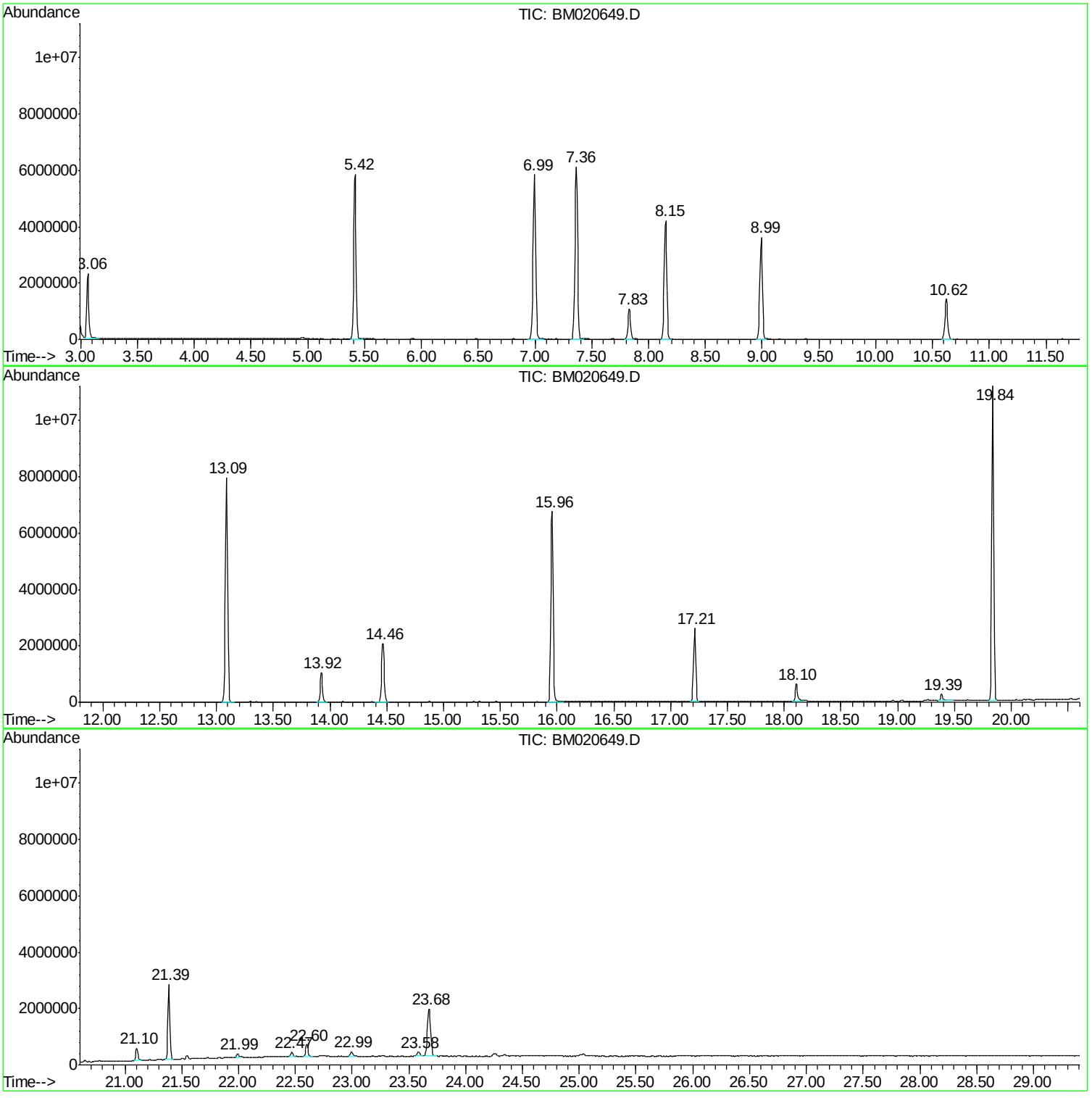
Instrument : BNA_M
ClientSampleId : TEST-PIT-3

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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Acq On : 01 Jun 2019 14:20
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ClientSampleId : TEST-PIT-3

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

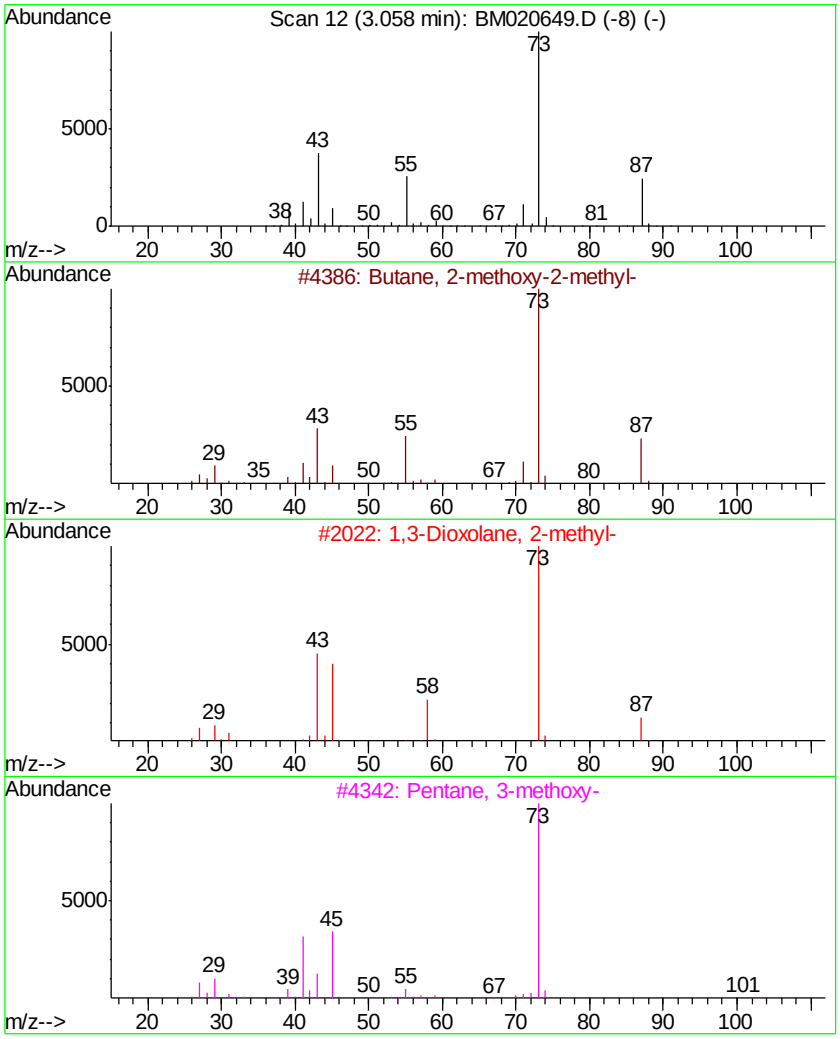
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

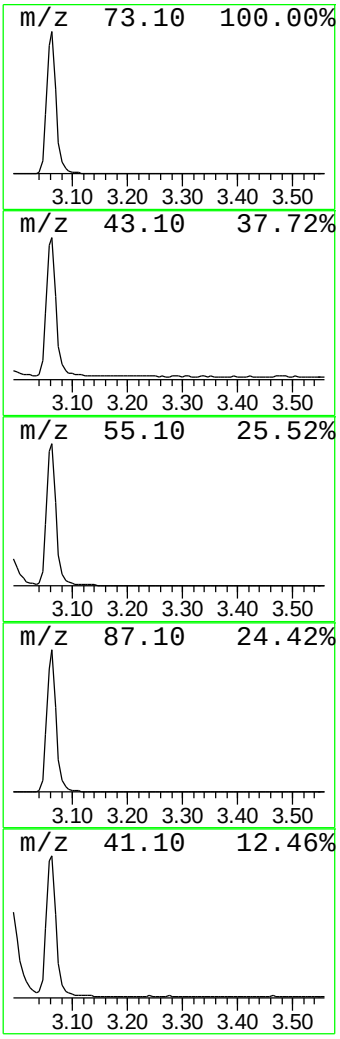
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	32.65 ng	2846010	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	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

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Data File : BM020649.D
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Operator : HP/JU
Sample : K3075-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TEST-PIT-3

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

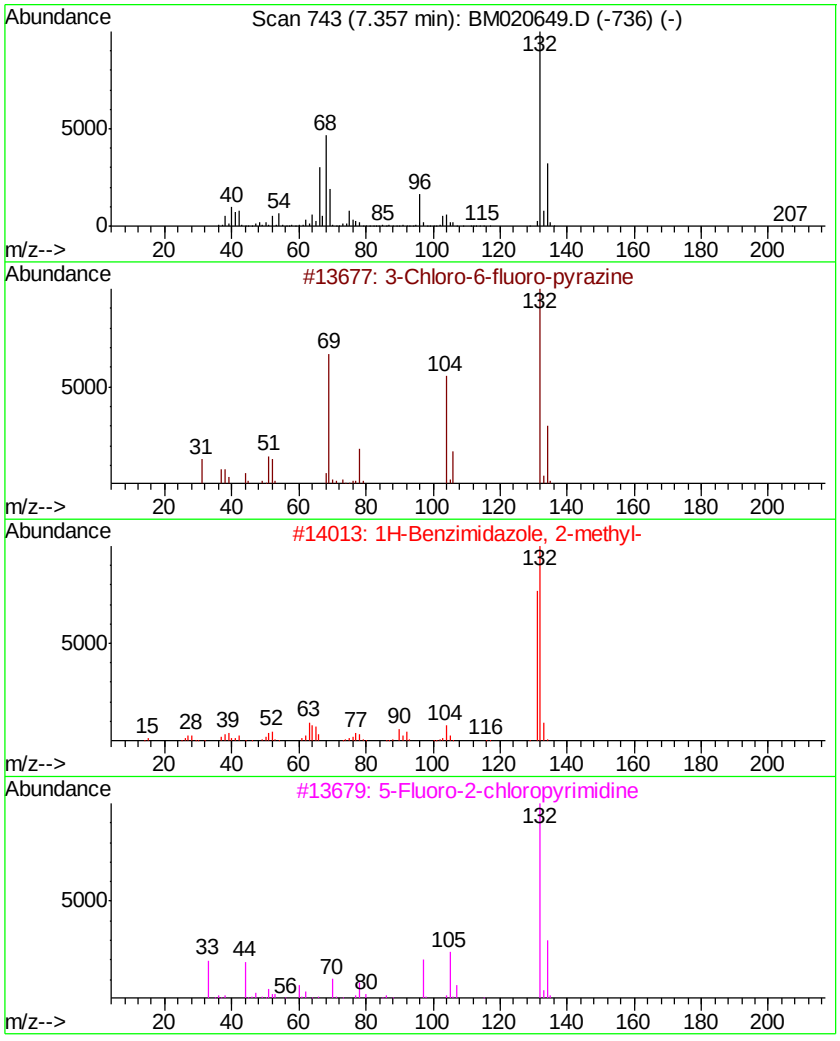
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

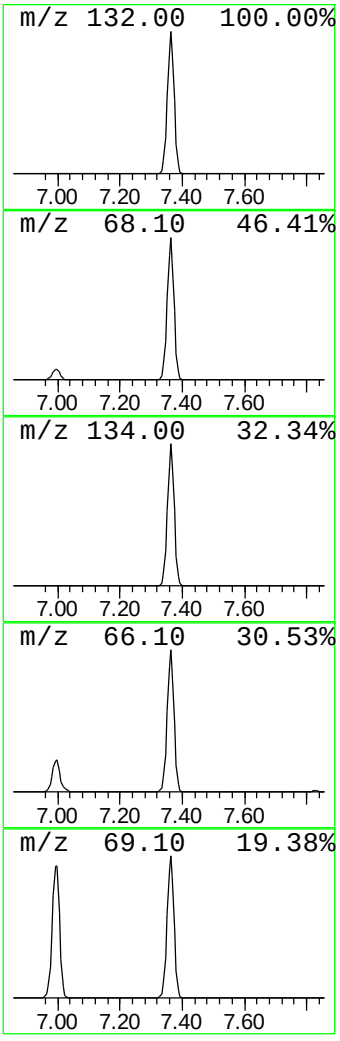
****

Peak Number 2 unknown7.36 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	110.36 ng	9620660	1,4-Dichlorobenzene-d4	7.83

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	12
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020649.D
Acq On : 01 Jun 2019 14:20
Operator : HP/JU
Sample : K3075-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TEST-PIT-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
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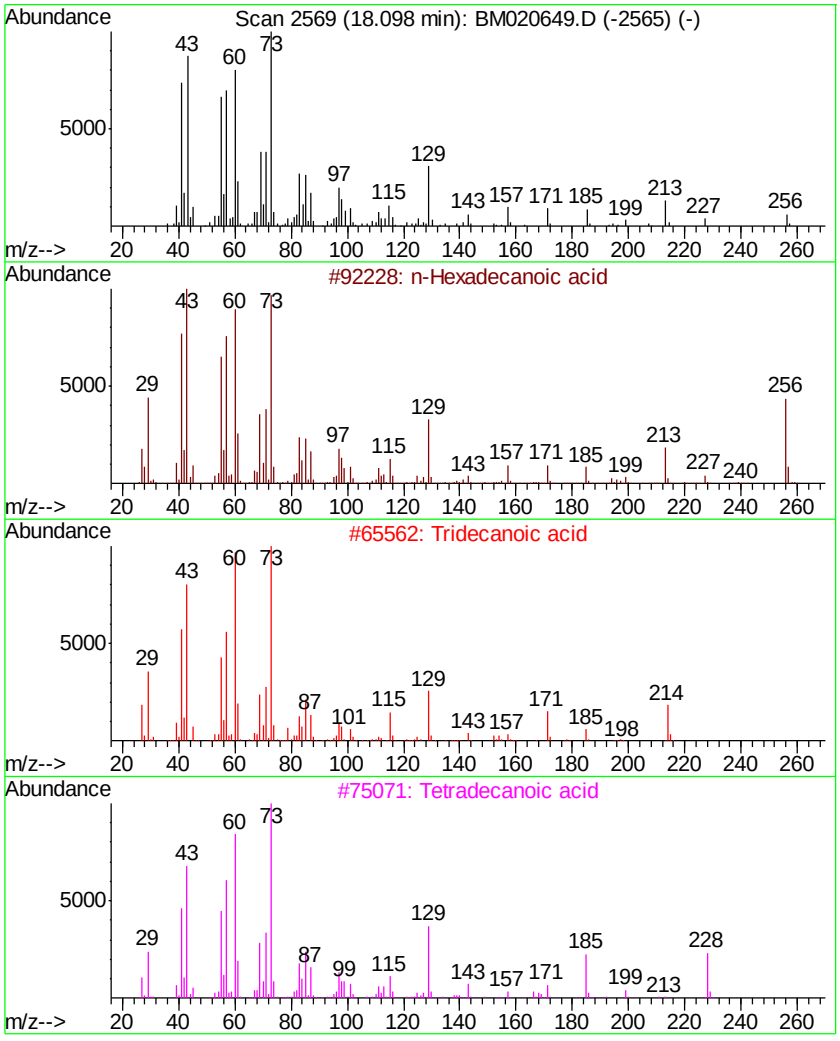
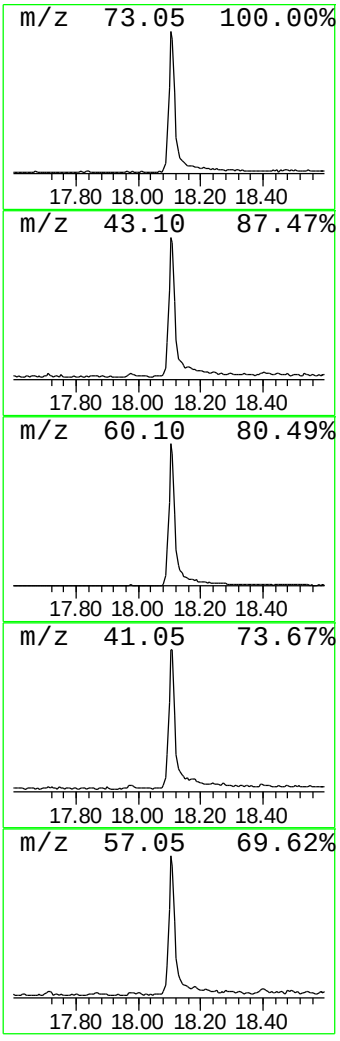
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	5.26 ng	981774	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	30
5	Hexadecane	226	C16H34	000544-76-3	11





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
Data File : BM020649.D
Acq On : 01 Jun 2019 14:20
Operator : HP/JU
Sample : K3075-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TEST-PIT-3

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

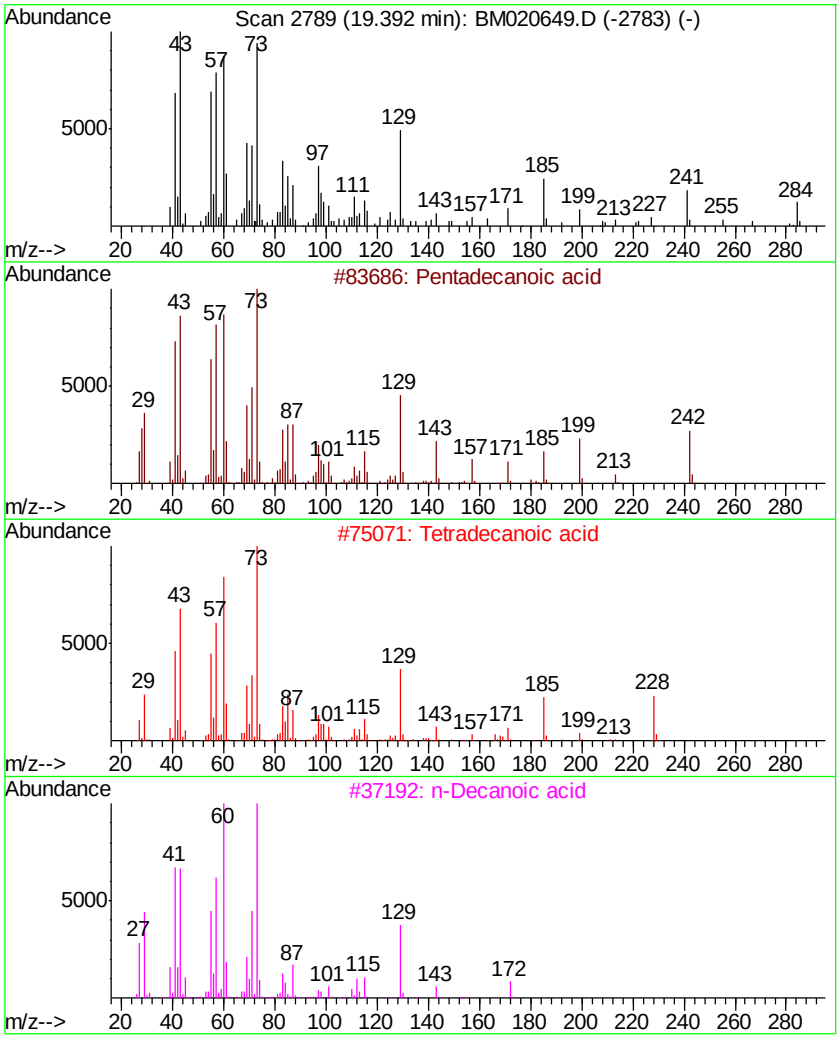
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

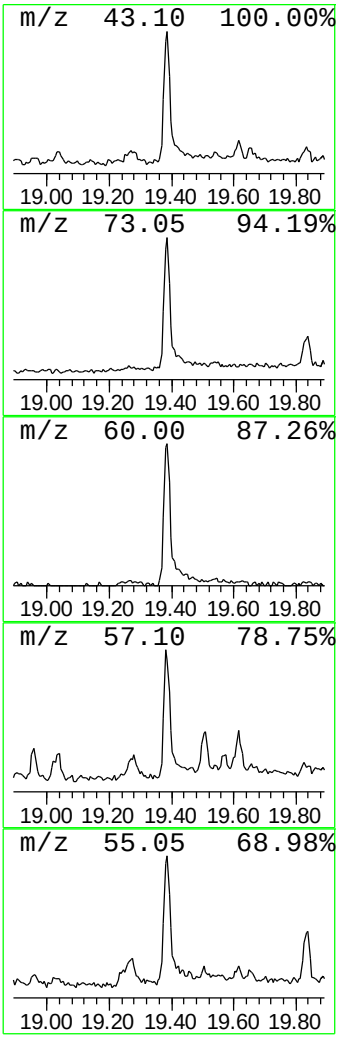
****

Peak Number 5 Pentadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.39	2.36 ng	400632	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
3	n-Decanoic acid	172	C10H20O2	000334-48-5	62
4	Undecanoic acid	186	C11H22O2	000112-37-8	43
5	Eicosane	282	C20H42	000112-95-8	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060119\
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Acq On : 01 Jun 2019 14:20
Operator : HP/JU
Sample : K3075-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TEST-PIT-3

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

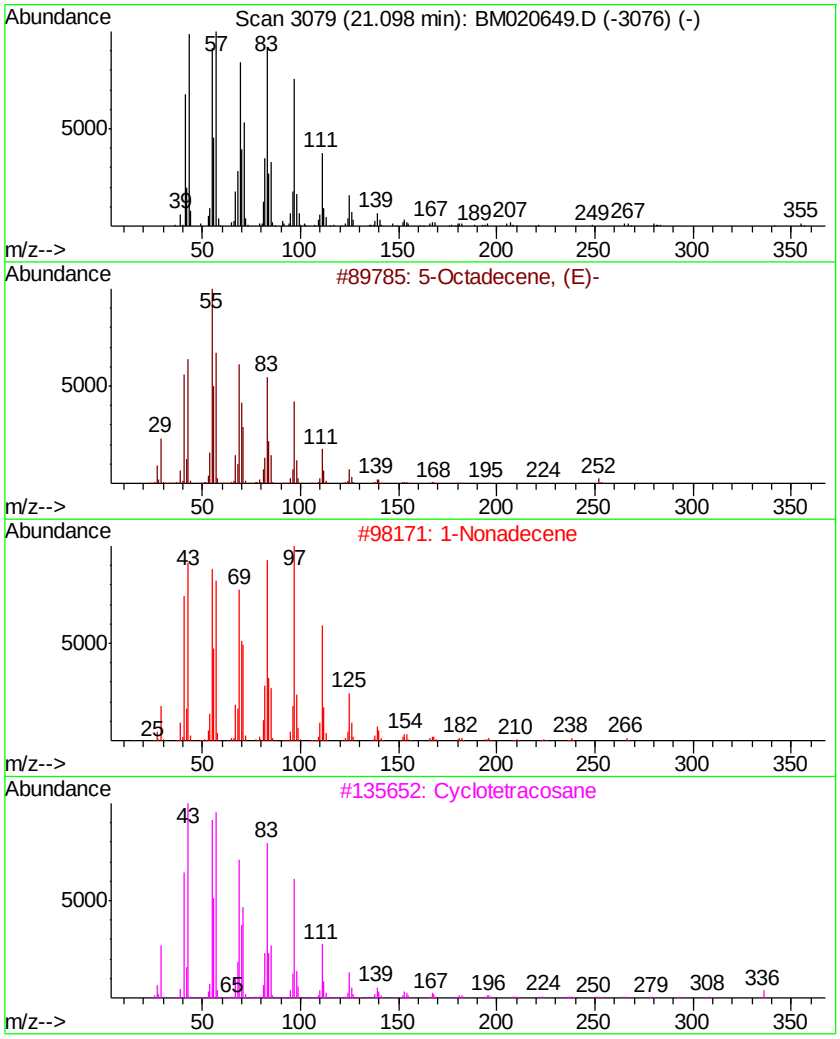
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

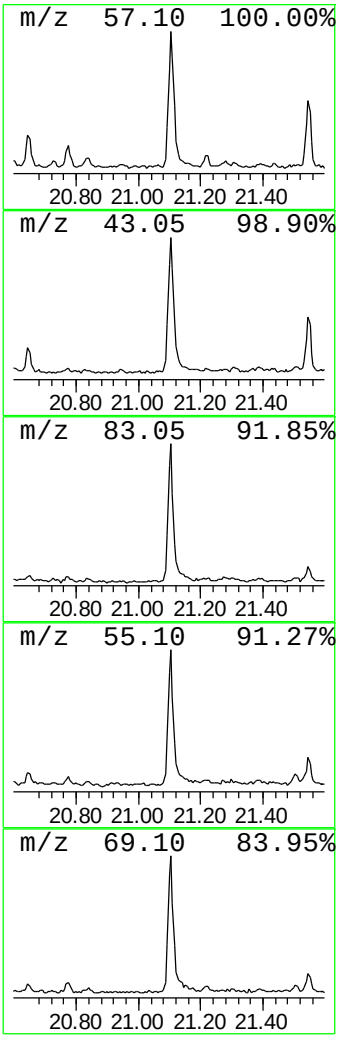
****

Peak Number 6 5-Octadecene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	3.53 ng	600687	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

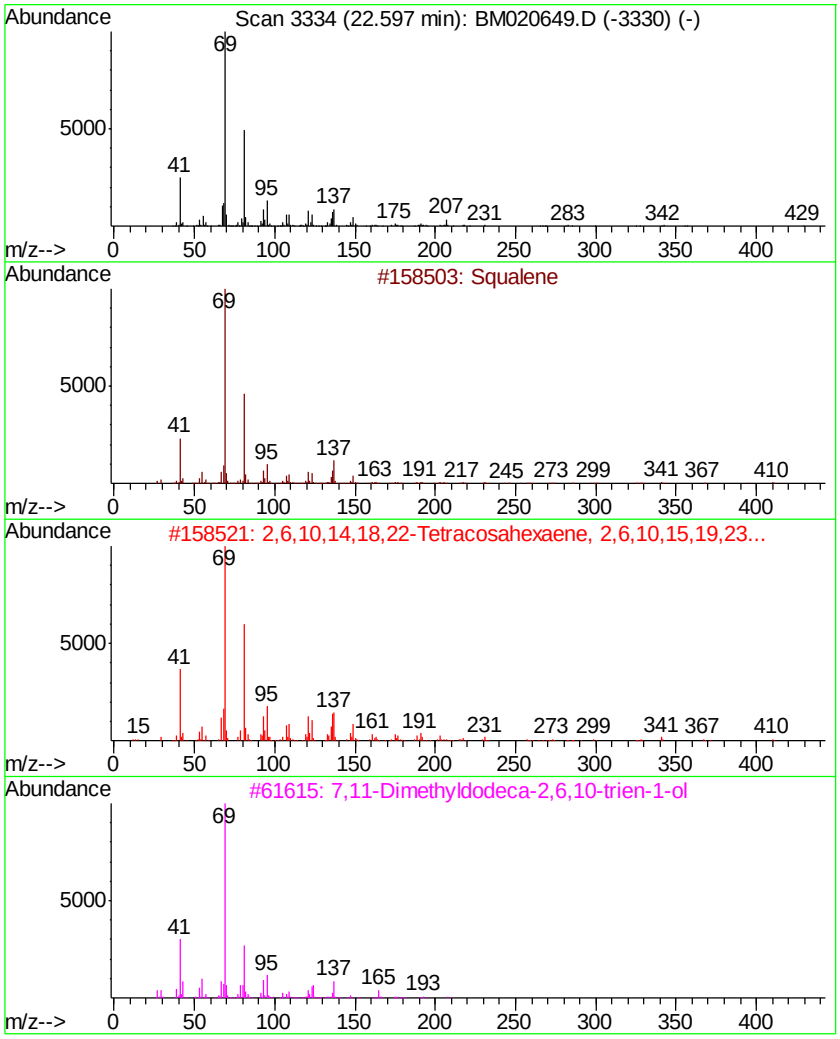
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

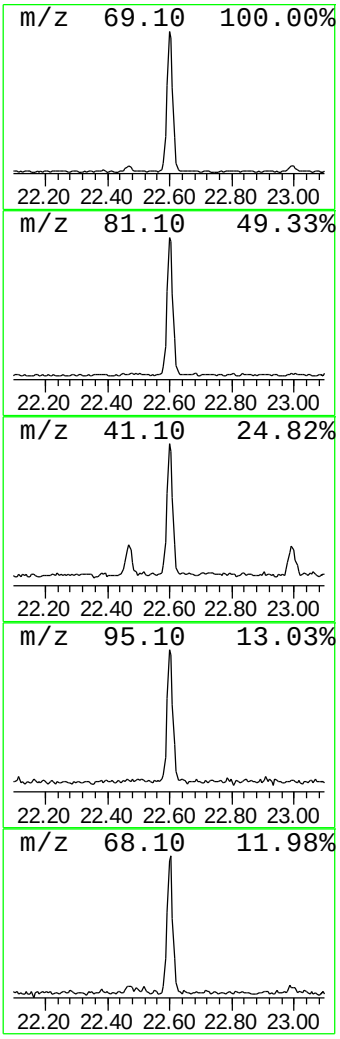
****

Peak Number 7 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	3.53 ng	579875	Perylene-d12	23.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	80
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	58





Tentatively Identified Compound (LSC) summary

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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	32.6	ng	2846010	1	7.83	1743480	20.0
unknown7.36	7.36	110.4	ng	9620660	1	7.83	1743480	20.0
n-Hexadecanoic acid	18.10	5.3	ng	981774	4	17.21	3734520	20.0
Pentadecanoic acid	19.39	2.4	ng	400632	5	21.39	3400680	20.0
5-Octadecene, (E)-	21.10	3.5	ng	600687	5	21.39	3400680	20.0
Squalene	22.60	3.5	ng	579875	6	23.68	3287000	20.0