LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020119.D
Acq On : 03 May 2019 19:28
Operator : JU/SJ
Sample : K2668-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1

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-BM043019.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	3.011	3	4	9	rVB	134523	118233	1.13%	0.214%
2	5.363	398	404	412	rBV	3392723	4694816	44.84%	8.487%
3	6.951	666	674	688	rBV	3116292	5053357	48.26%	9.135%
4	7.316	728	736	748	rVB	3435380	5257961	50.22%	9.505%
5	7.787	809	816	822	rBV	439908	696483	6.65%	1.259%
6	8.104	862	870	879	rBV	2506255	3956142	37.78%	7.152%
7	8.951	1004	1014	1024	rBV	1989586	3176080	30.33%	5.742%
8	10.575	1283	1290	1297	rBV	504177	854158	8.16%	1.544%
9	13.045	1703	1710	1717	rBV	4807124	7190542	68.67%	12.999%
10	13.880	1847	1852	1860	rBV	310292	426560	4.07%	0.771%
11	14.427	1939	1945	1955	rVB2	757369	1113843	10.64%	2.014%
12	15.916	2191	2198	2218	rBV	4140793	5742957	54.85%	10.382%
13	17.174	2405	2412	2419	rBV	978514	1375369	13.14%	2.486%
14	18.057	2557	2562	2567	rBV	230012	316290	3.02%	0.572%
15	19.798	2852	2858	2864	rBV	8477484	10470541	100.00%	18.928%
16	21.056	3068	3072	3082	rBV	526206	620250	5.92%	1.121%
17	21.356	3117	3123	3128	rBV	1271754	1614914	15.42%	2.919%
18	21.939	3219	3222	3228	rBV5	62032	108314	1.03%	0.196%
19	22.409	3299	3302	3308	rVB3	78701	115066	1.10%	0.208%
20	22.539	3321	3324	3330	rVB2	80077	105006	1.00%	0.190%
21	22.927	3386	3390	3395	rBV	113689	171455	1.64%	0.310%
22	23.509	3486	3489	3496	rVB3	76249	133787	1.28%	0.242%
23	23.645	3505	3512	3519	rVB	842050	1625953	15.53%	2.939%
24	24.174	3599	3602	3608	rVB5	75554	124909	1.19%	0.226%
25	24.262	3613	3617	3626	rVB5	125452	254399	2.43%	0.460%

Sum of corrected areas: 55317385

LSC Report - Integrated Chromatogram

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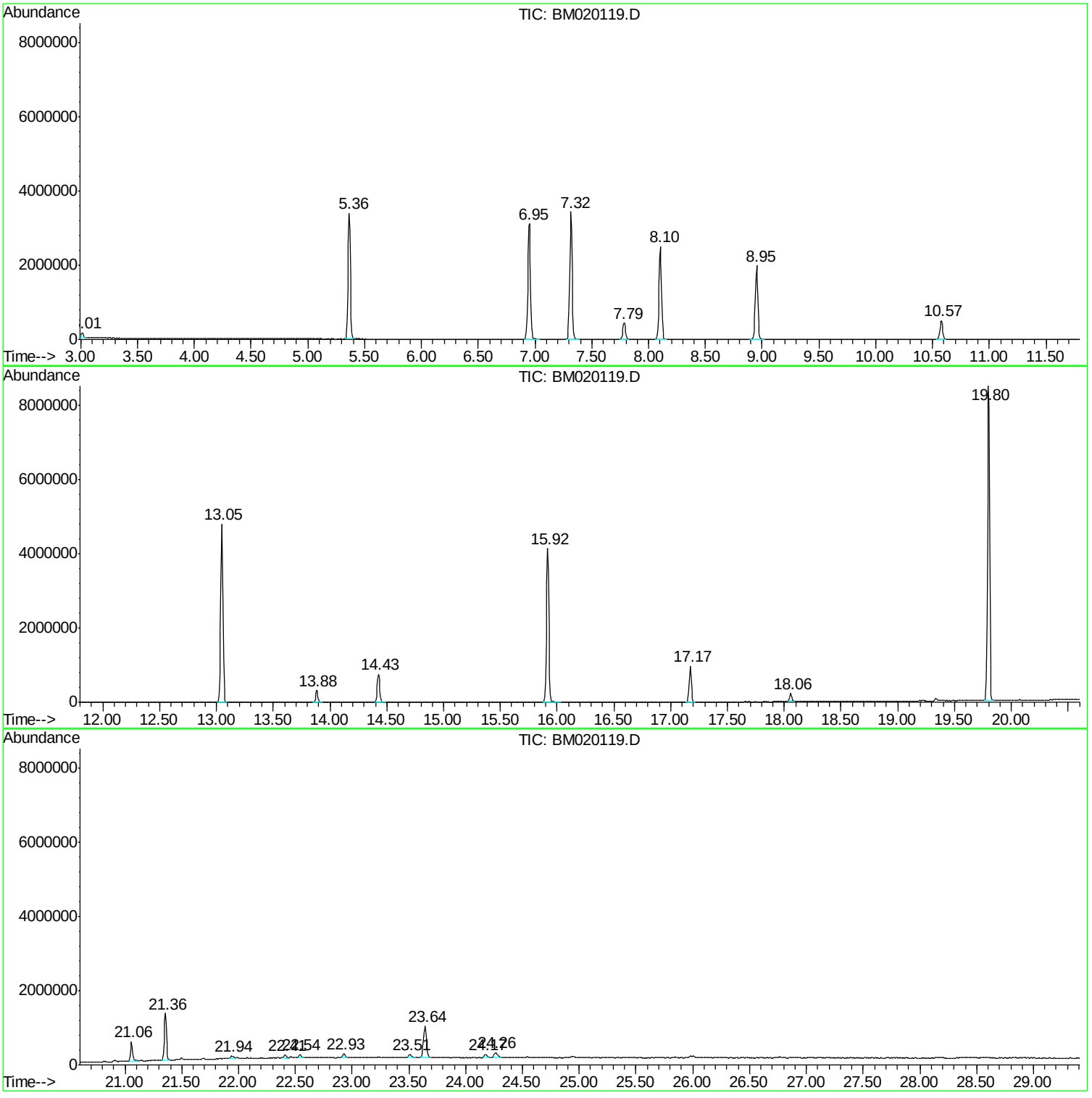
Instrument : BNA_M
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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ClientSampleId : TP-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

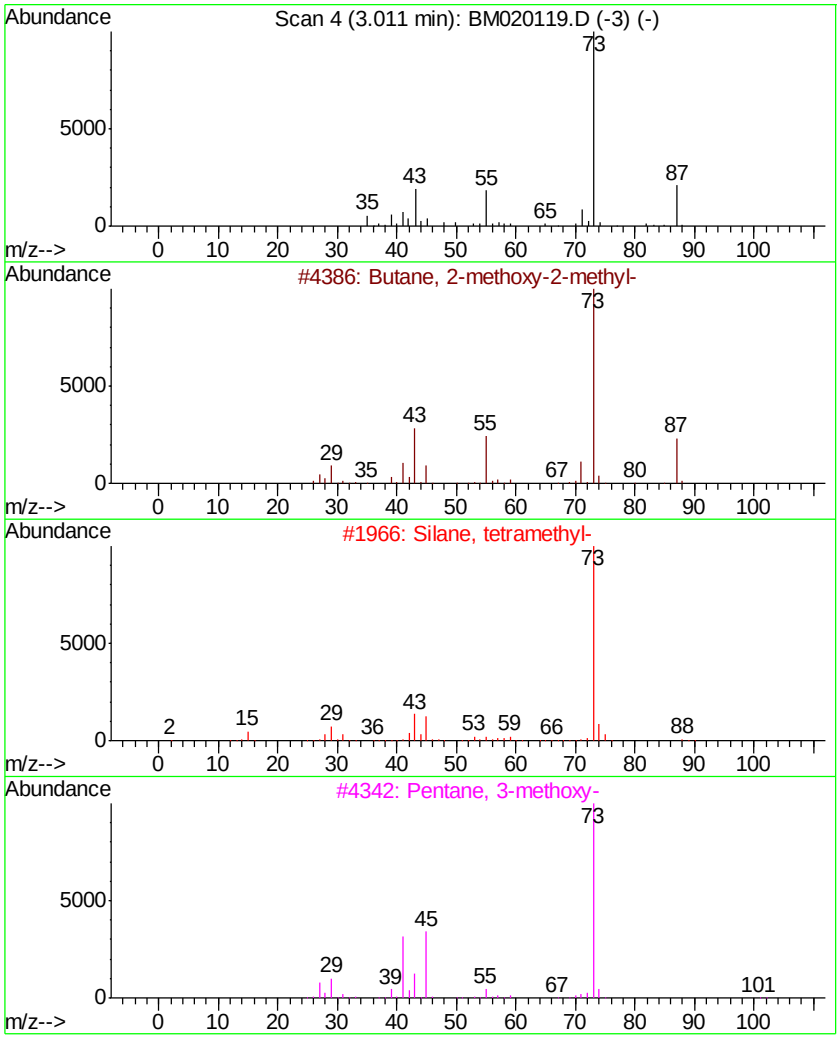
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

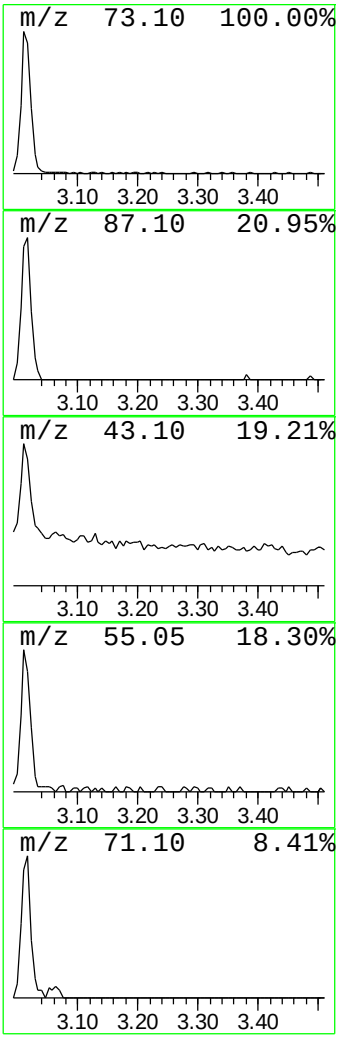
****

Peak Number 1 unknown3.01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	3.40 ng	118233	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	47
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Aminocaproic Acid	131	C6H13NO2	000060-32-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	7





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Misc :
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Instrument : BNA_M
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.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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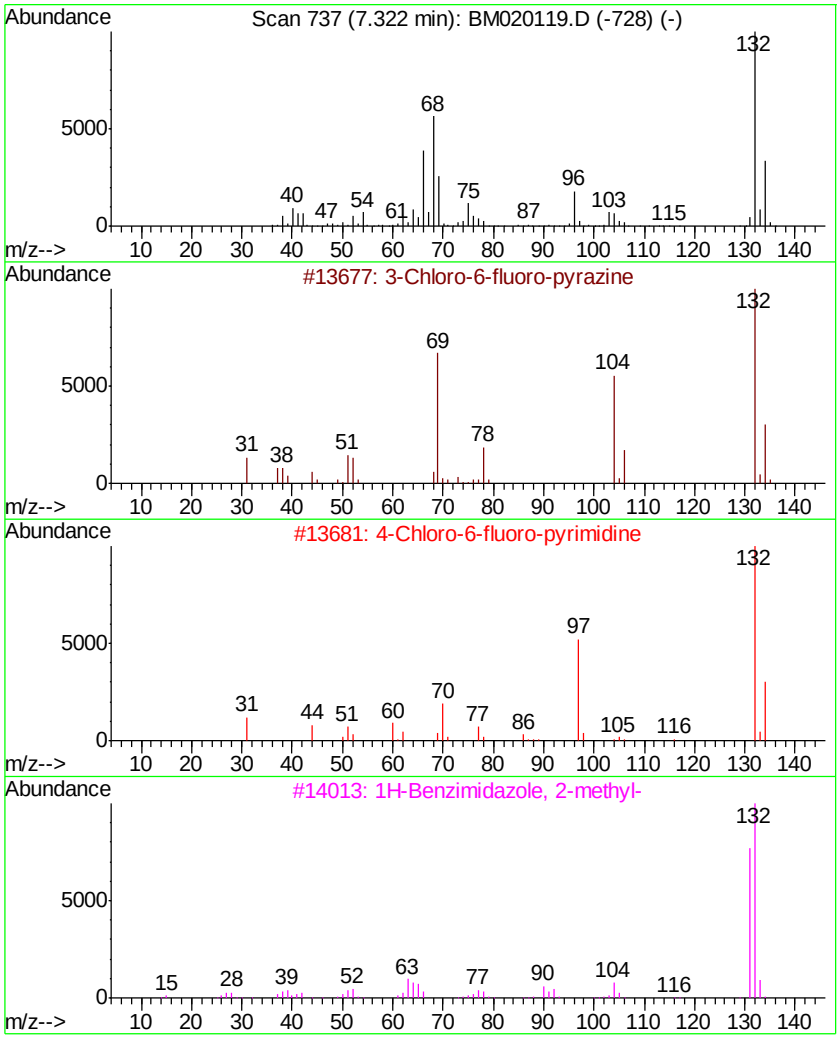
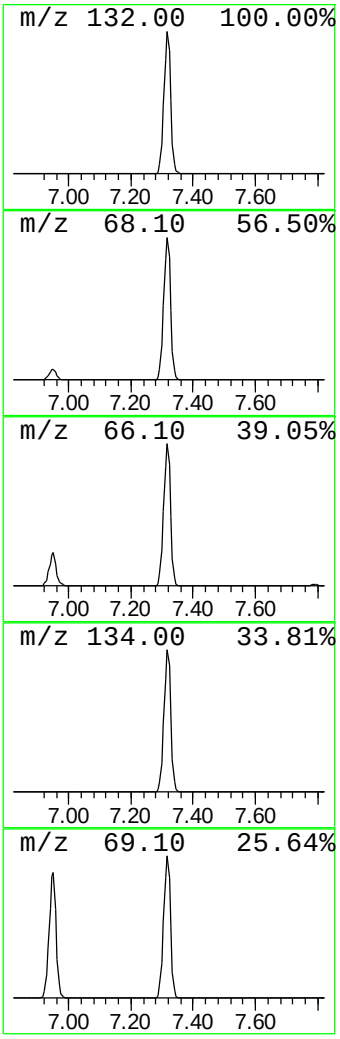
Peak Number 2 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	150.99 ng	5257960	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	9





Library Search Compound Report

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Operator : JU/SJ
Sample : K2668-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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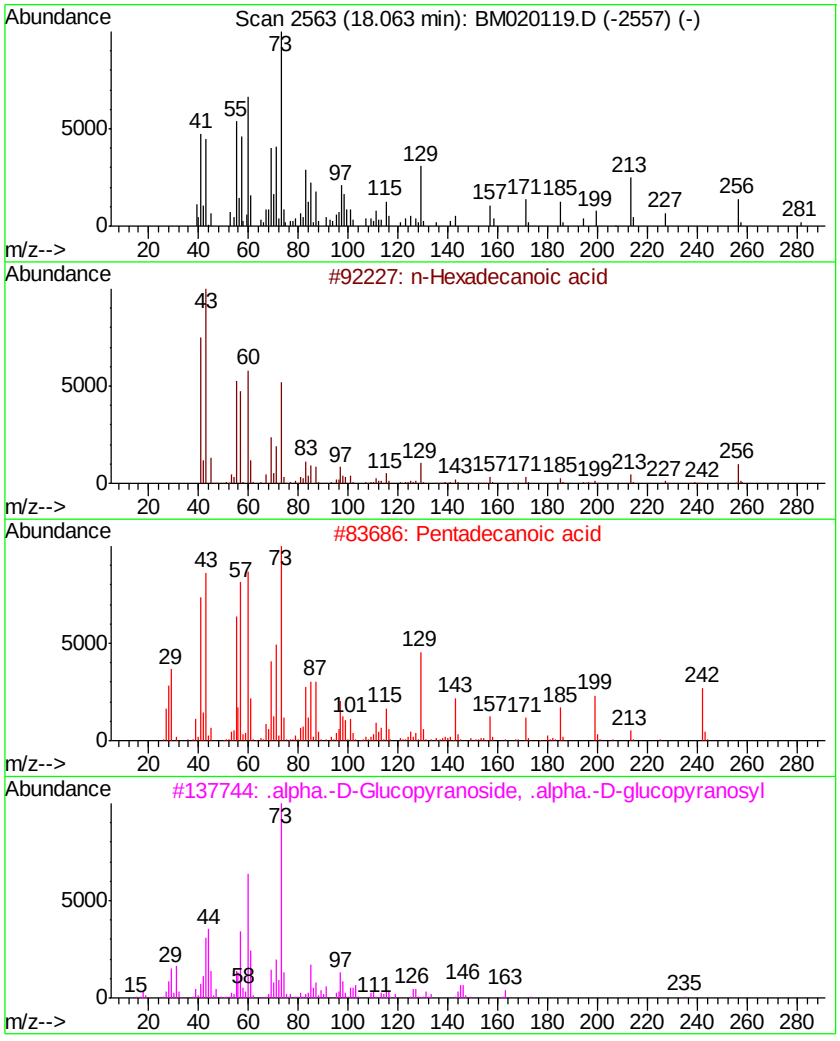
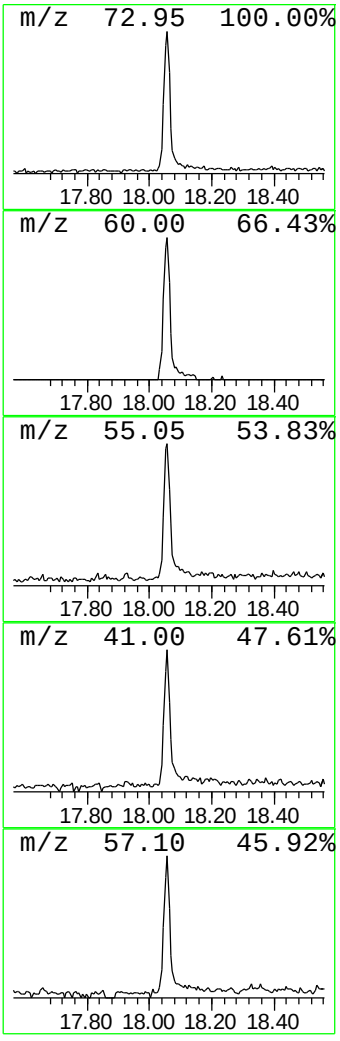
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	4.60 ng	316290	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	38
4	d-Glucitol, 4-O-nonyl-	308	C15H32O6	132591-06-1	22
5	Nonanoic acid	158	C9H18O2	000112-05-0	14





Library Search Compound Report

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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.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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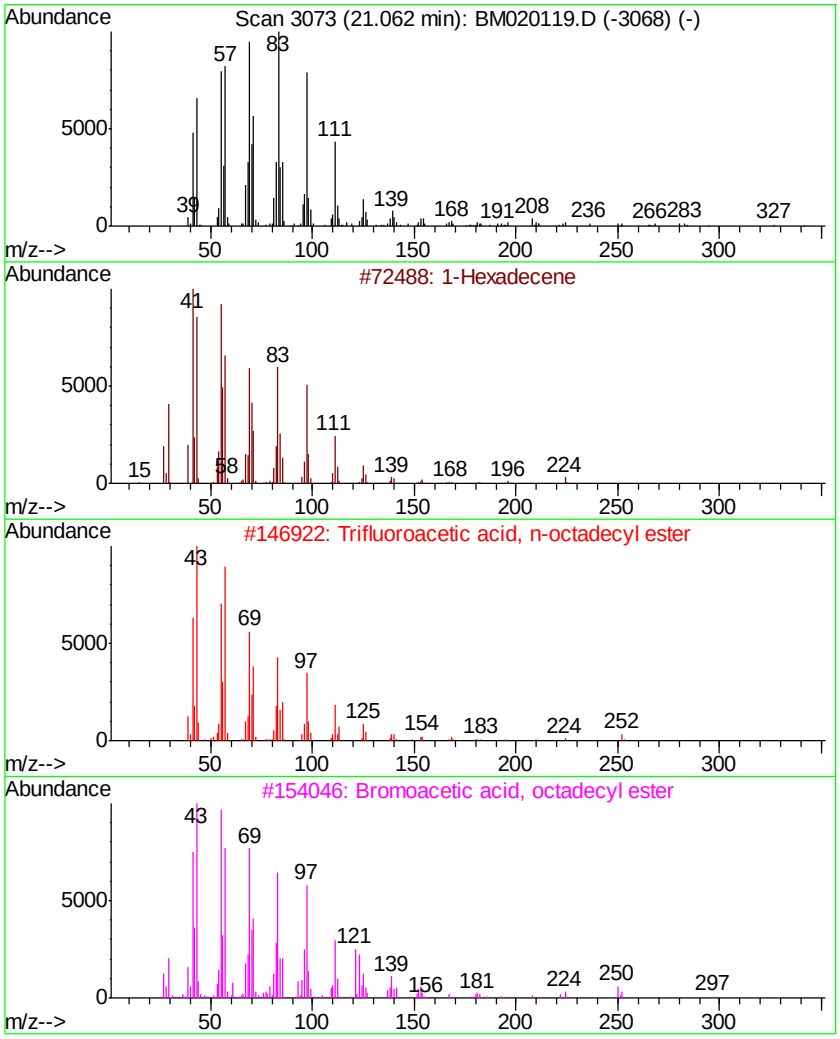
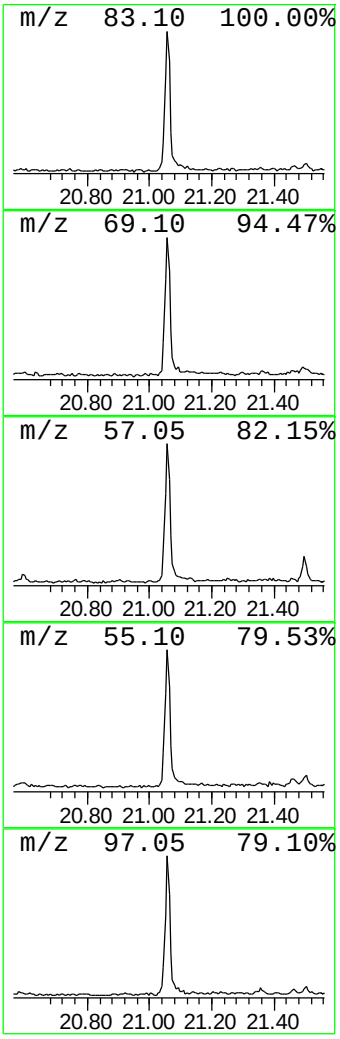
Peak Number 5 1-Hexadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	7.68 ng	620250	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene	224	C16H32	000629-73-2	91
2	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	90
5	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	90





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : TP-1

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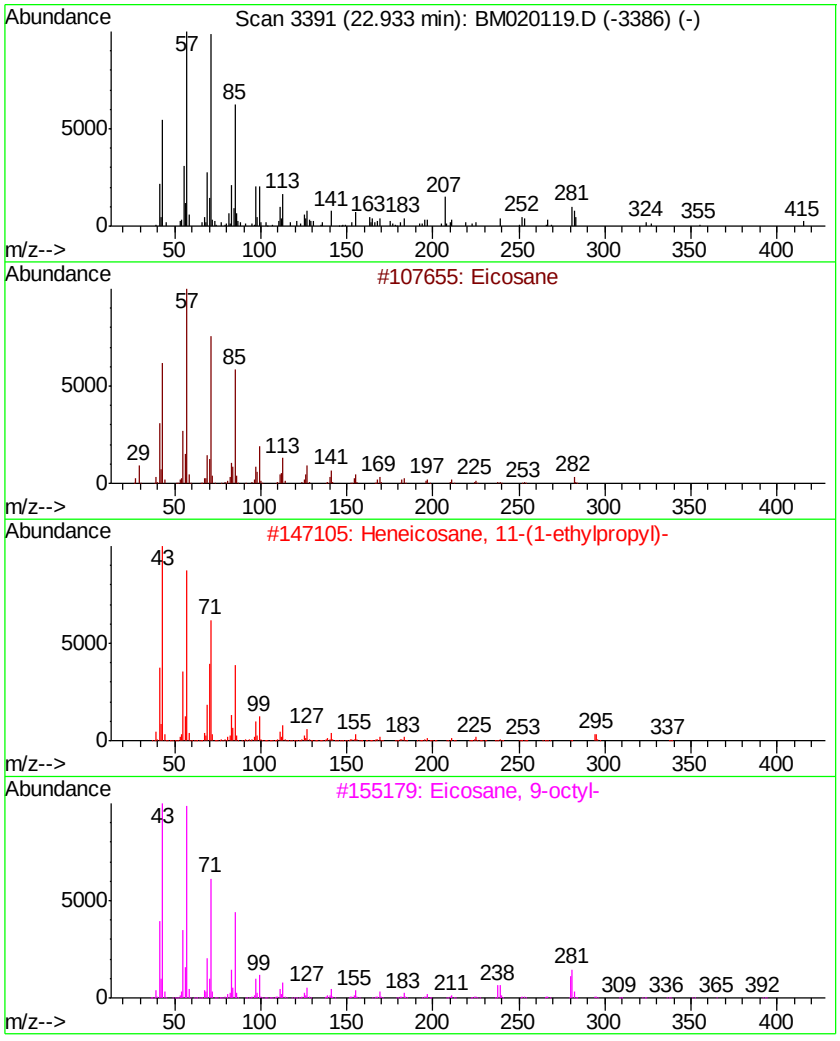
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

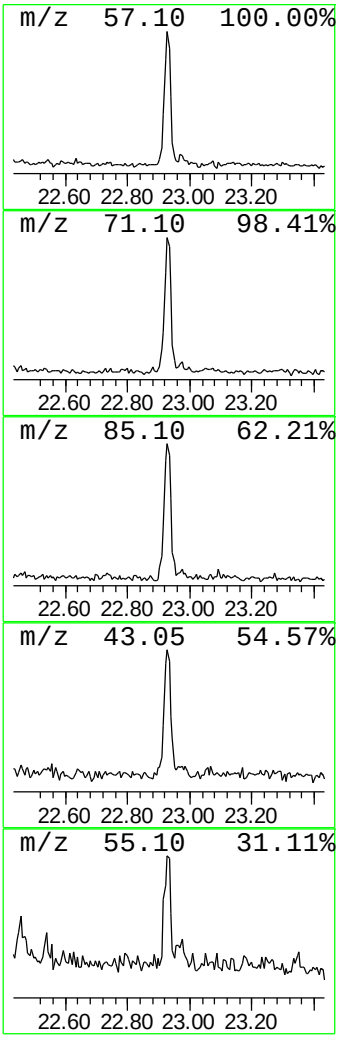
****

Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.93	2.11 ng	171455	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Nonadecane	268	C19H40	000629-92-5	87





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

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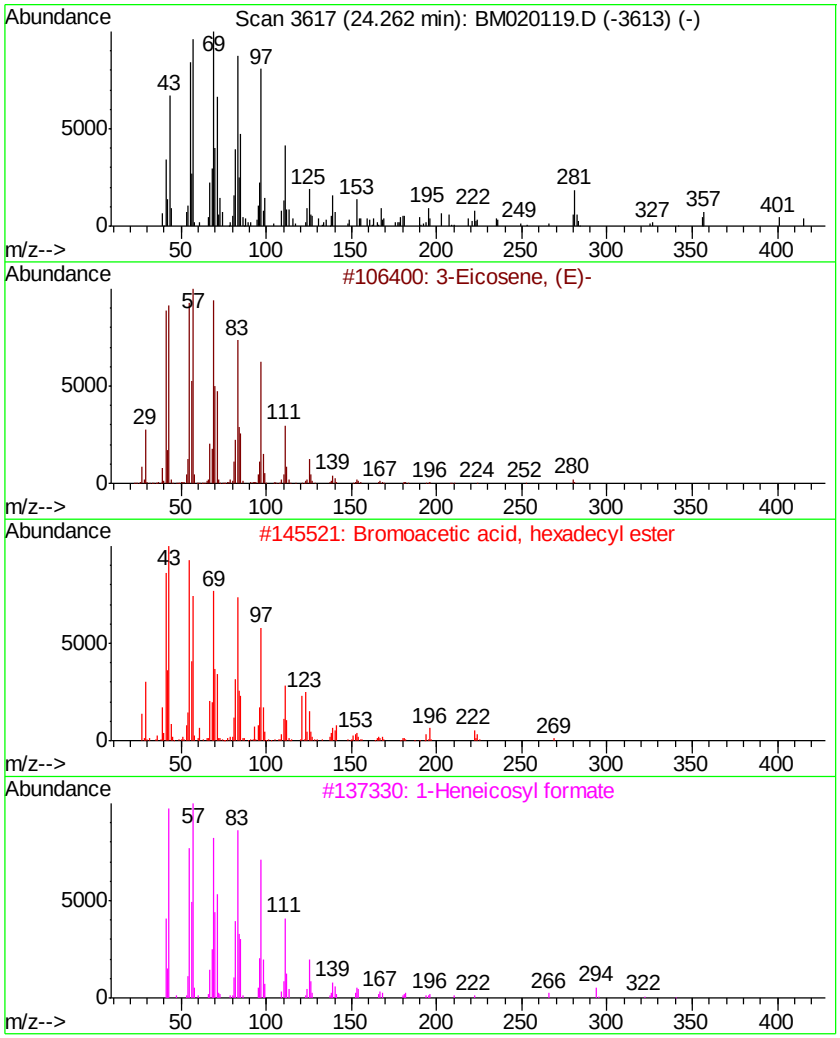
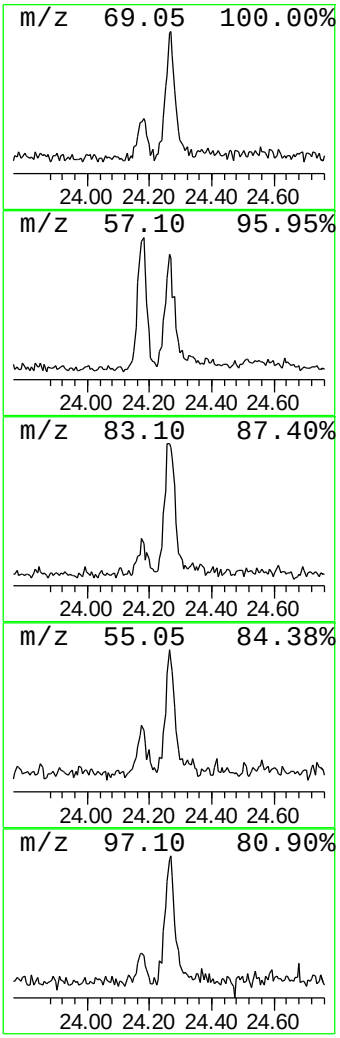
Peak Number 7 3-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.26	3.13 ng	254399	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	83
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	80
4	Cyclotetradecane, 1,7,11-trimeth...	280	C20H40	001786-12-5	72
5	1-Heptacosanol	396	C27H56O	002004-39-9	68





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.01	3.01	3.4	ng	118233	1	7.79	696483	20.0
unknown7.32	7.32	151.0	ng	5257960	1	7.79	696483	20.0
n-Hexadecanoic acid	18.06	4.6	ng	316290	4	17.17	1375370	20.0
1-Hexadecene	21.06	7.7	ng	620250	5	21.36	1614910	20.0
Eicosane	22.93	2.1	ng	171455	6	23.64	1625950	20.0
3-Eicosene, (E)-	24.26	3.1	ng	254399	6	23.64	1625950	20.0