LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
Data File : BM018221.D
Acq On : 16 Dec 2018 11:48
Operator : JU/SJ
Sample : J6377-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD004-0612-01

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-BM121518.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	4.693	302	307	314	rBV	94187	128946	2.17%	0.315%
2	5.128	375	381	394	rBV	2610121	3761875	63.38%	9.194%
3	6.698	640	648	661	rBV	2547354	4217694	71.06%	10.308%
4	7.040	698	706	720	rBV	2757903	4187760	70.56%	10.235%
5	7.498	777	784	794	rVB	467295	730290	12.30%	1.785%
6	7.810	830	837	846	rBV	2043625	3153914	53.14%	7.708%
7	8.657	972	981	995	rBV	1471754	2475156	41.70%	6.049%
8	10.263	1246	1254	1272	rBV	479769	948089	15.97%	2.317%
9	12.763	1672	1679	1692	rBV	3668562	5459441	91.98%	13.343%
10	13.639	1821	1828	1840	rBV	104260	204576	3.45%	0.500%
11	14.157	1909	1916	1928	rBV3	761021	1199281	20.21%	2.931%
12	15.663	2165	2172	2193	rBV	2565381	3887738	65.50%	9.502%
13	16.921	2380	2386	2403	rBV2	780666	1268697	21.38%	3.101%
14	17.833	2536	2541	2552	rBV	157579	259884	4.38%	0.635%
15	19.127	2757	2761	2768	rBV3	49281	84136	1.42%	0.206%
16	19.574	2831	2837	2844	rBV	4863913	5935423	100.00%	14.506%
17	20.862	3052	3056	3063	rBV	171825	231964	3.91%	0.567%
18	21.139	3098	3103	3115	rBV	904270	1281289	21.59%	3.131%
19	21.721	3199	3202	3205	rBV3	81909	109305	1.84%	0.267%
20	22.650	3357	3360	3364	rVB	124708	156780	2.64%	0.383%
21	23.297	3465	3470	3483	rVB	649751	1234328	20.80%	3.017%

Sum of corrected areas: 40916566

LSC Report - Integrated Chromatogram

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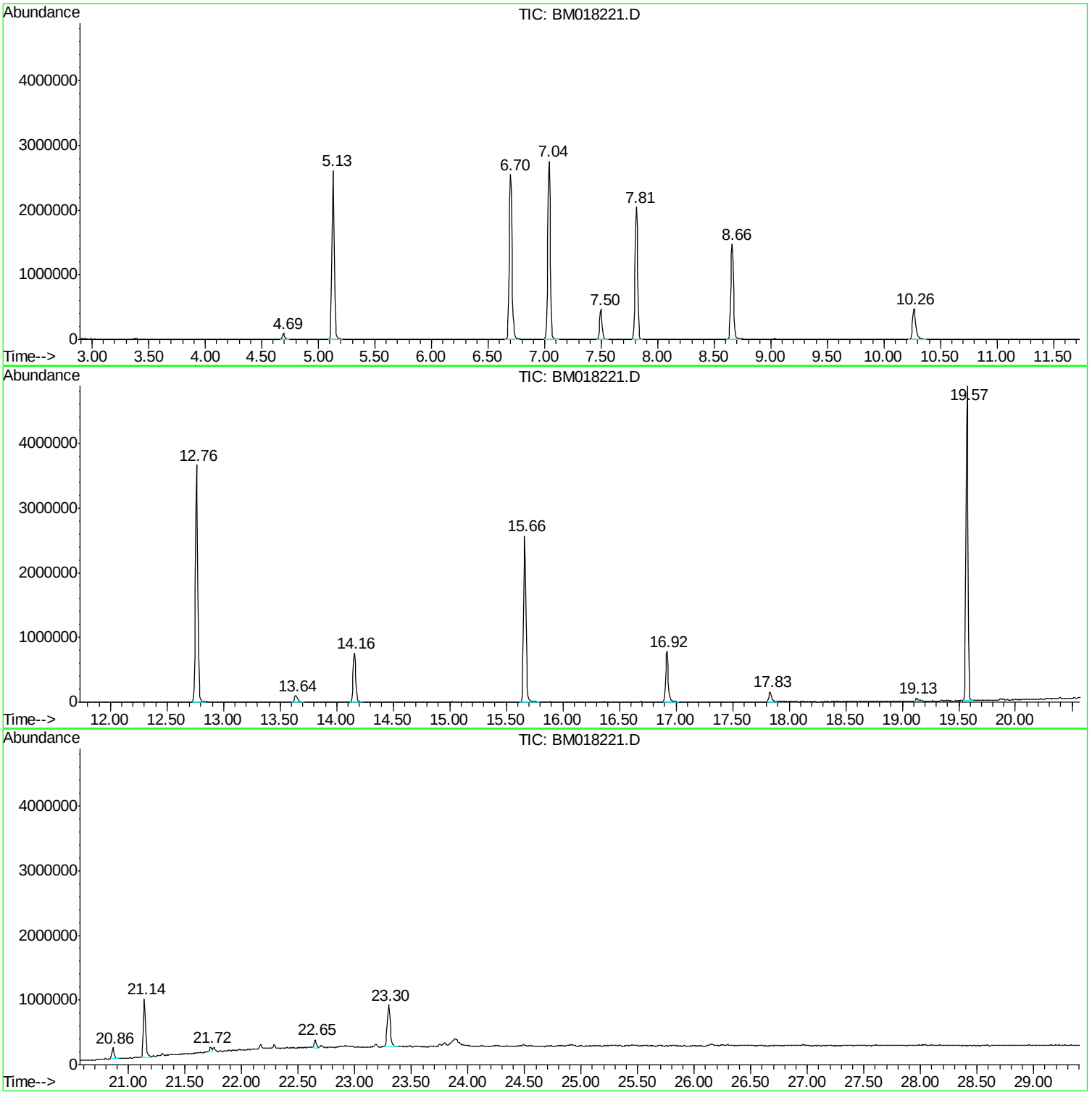
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD004-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.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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Operator : JU/SJ
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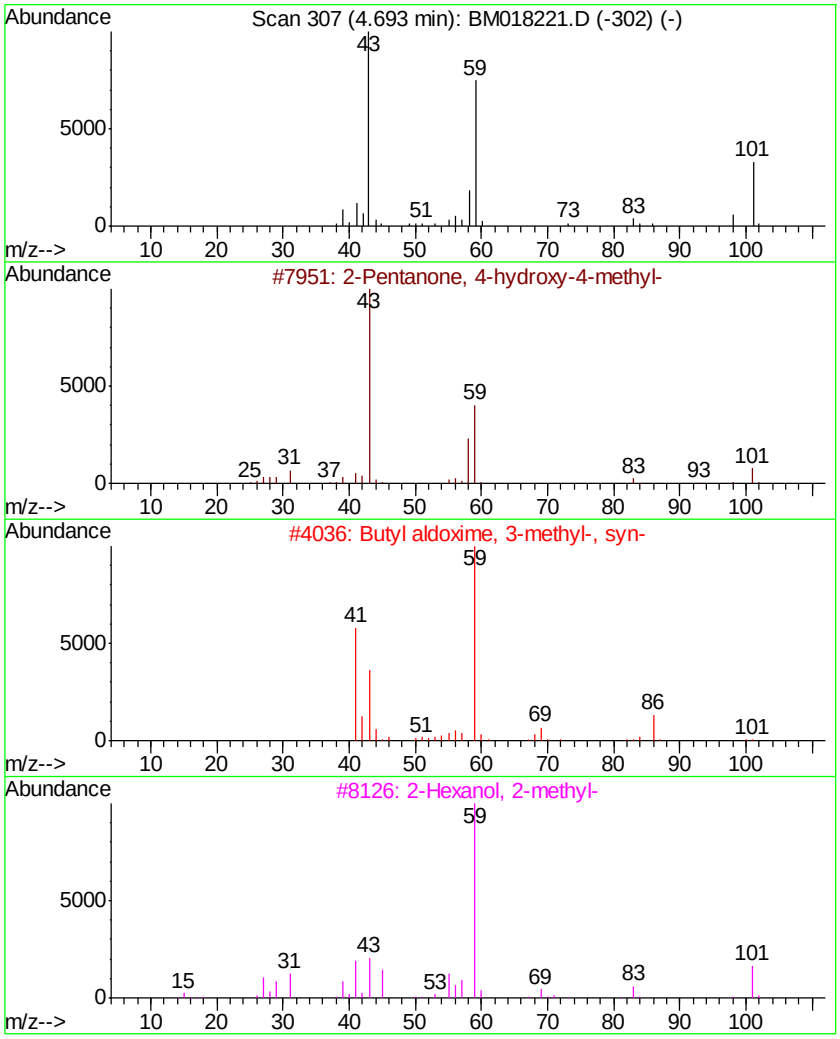
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

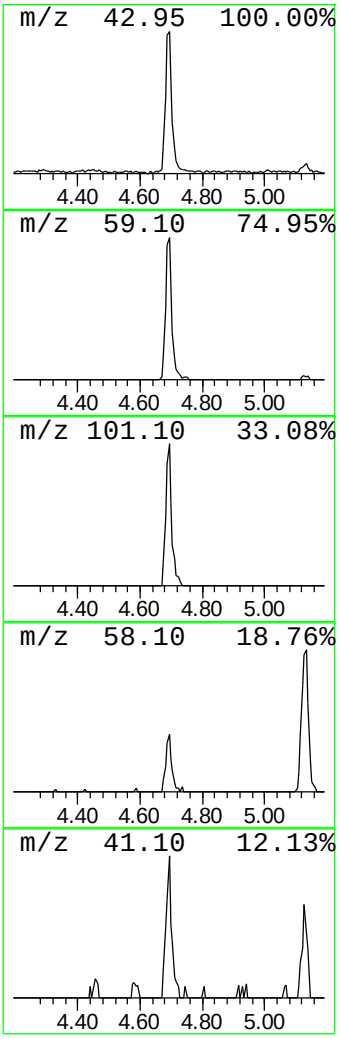
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	3.53 ng	128946	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	43
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	37
5	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	33





Library Search Compound Report

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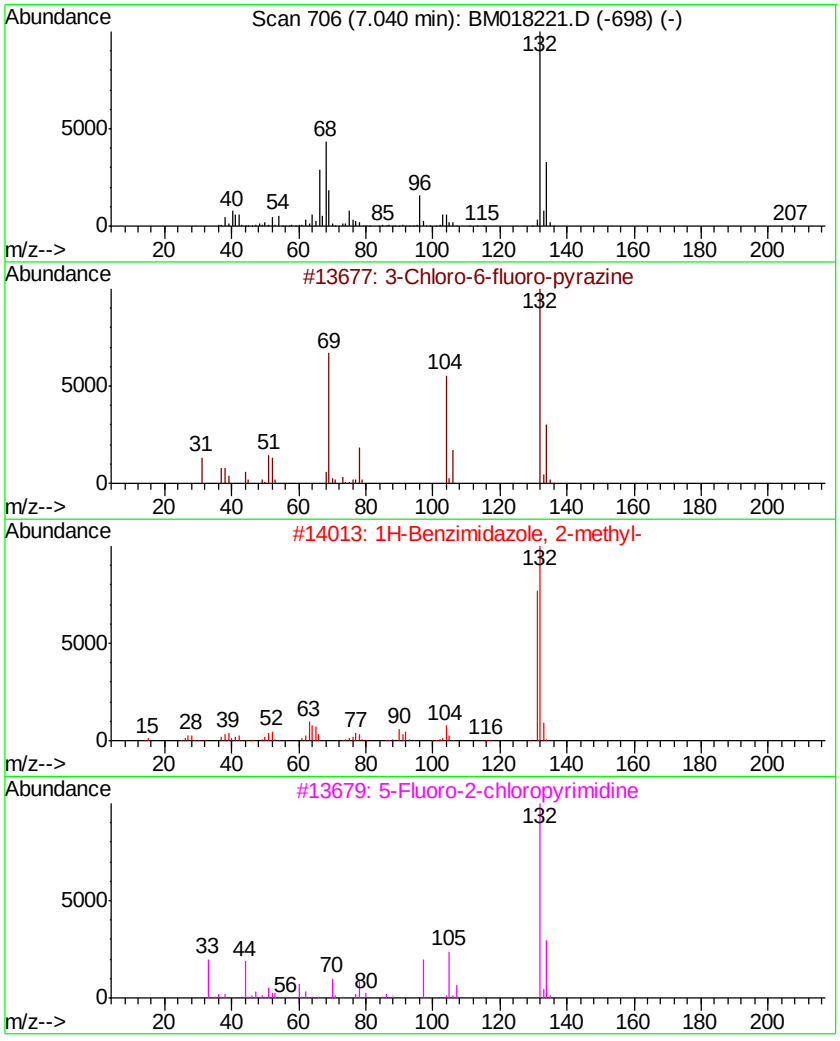
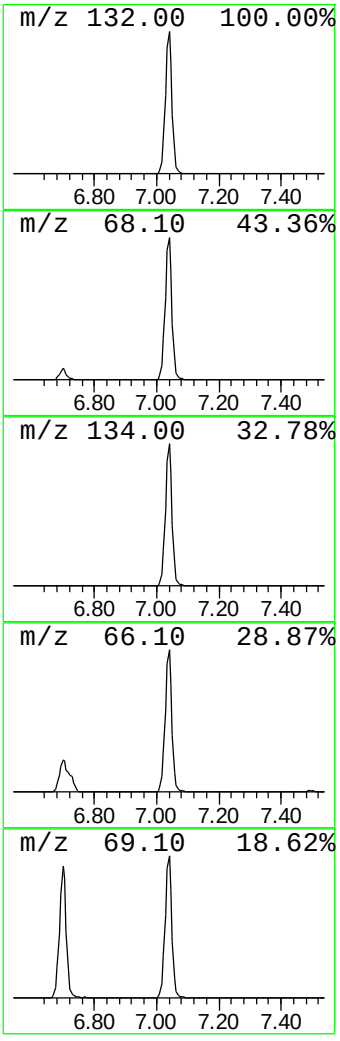
****

Peak Number 2 unknown7.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	114.69 ng	4187760	1,4-Dichlorobenzene-d4	7.50

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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Operator : JU/SJ
Sample : J6377-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD004-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
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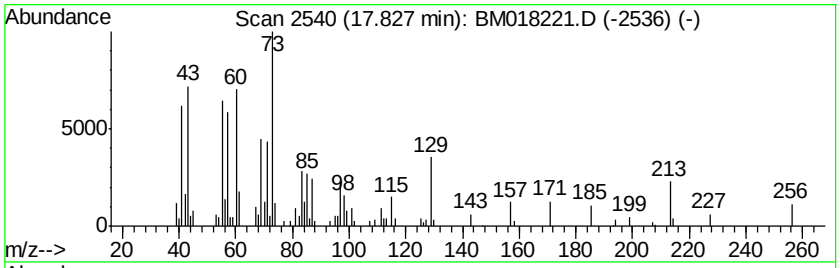
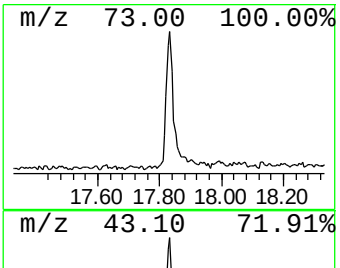
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	4.10 ng	259884	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
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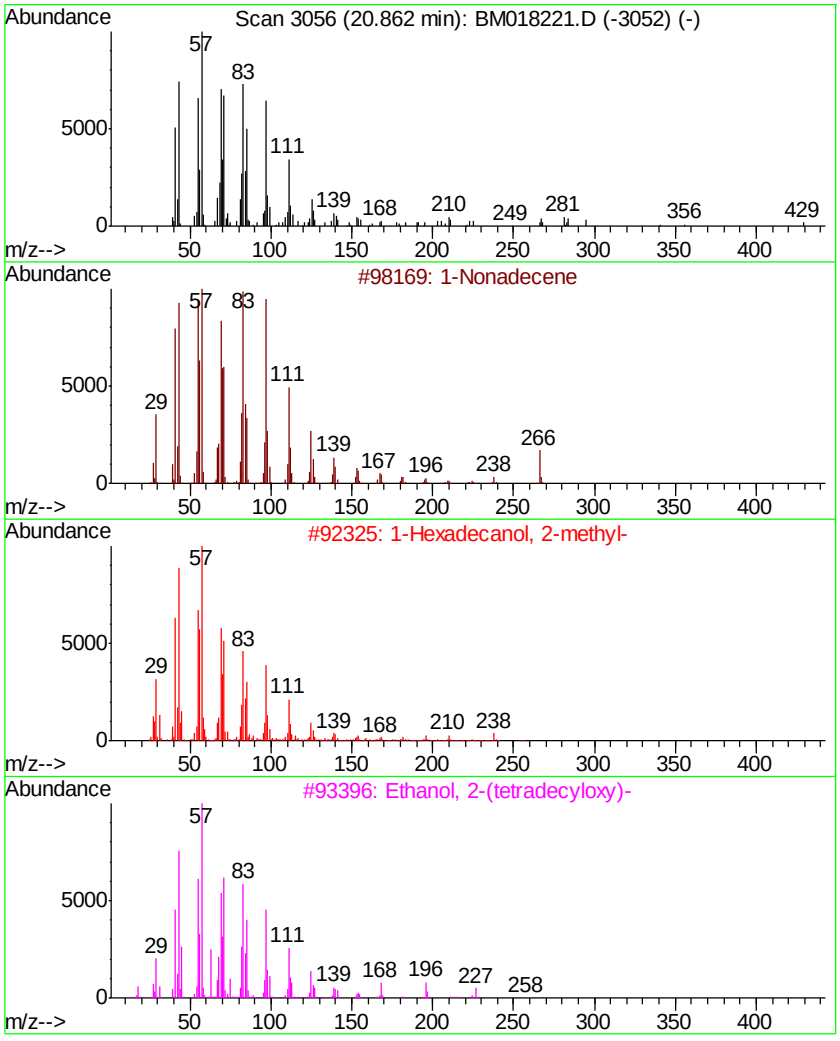
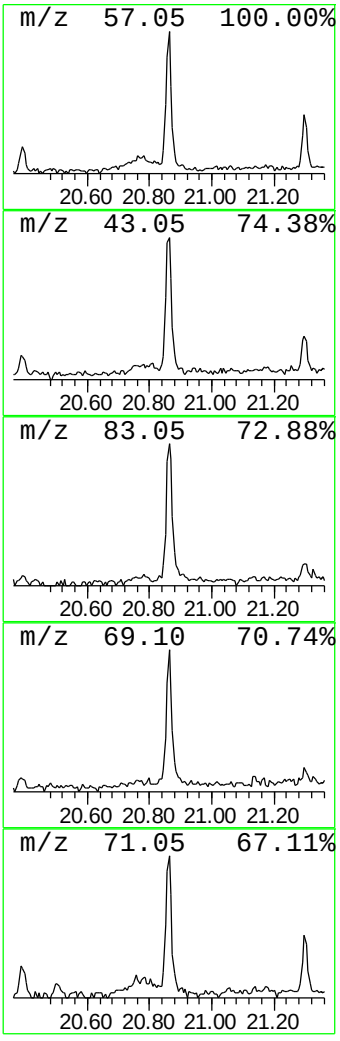
****

Peak Number 5 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	3.62 ng	231964	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	90
2	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	87
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	81
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	74
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	74





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD004-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

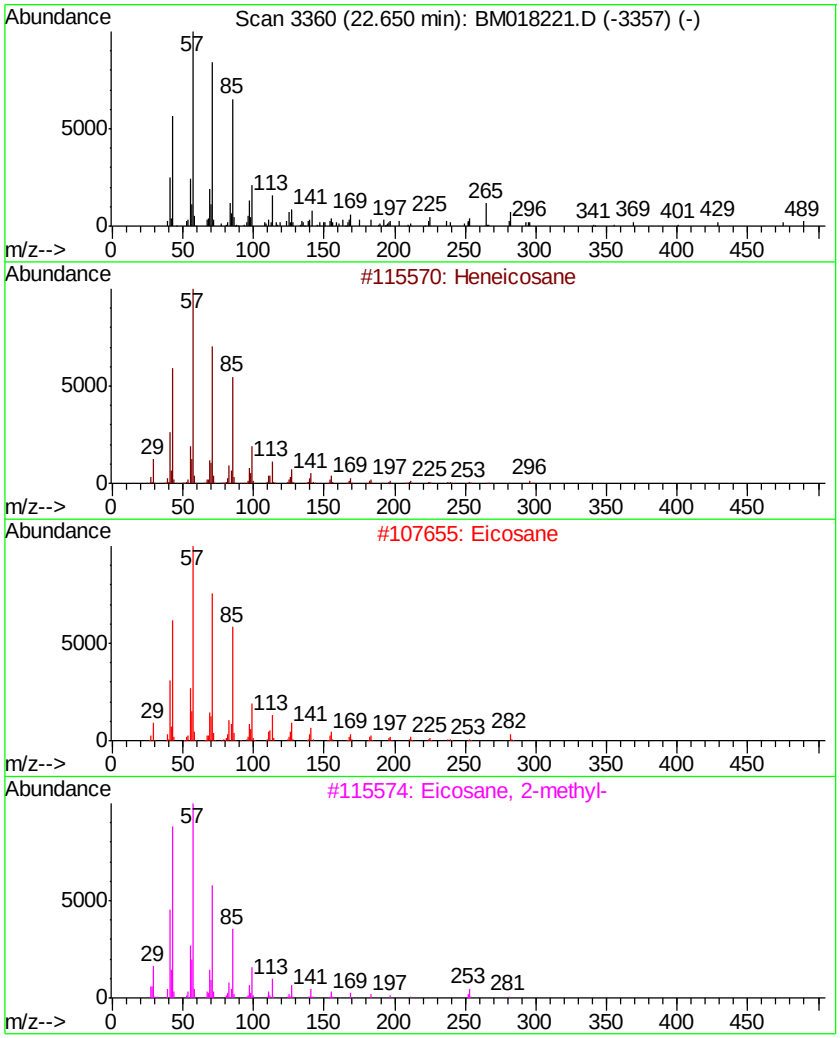
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

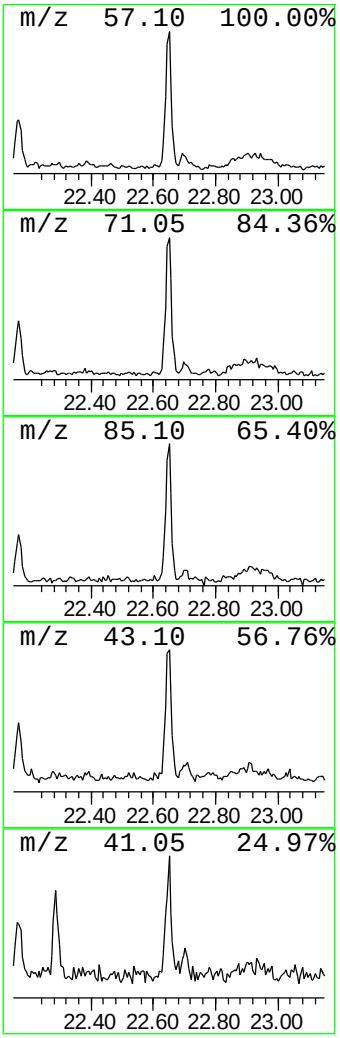
****

Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.65	2.54 ng	156780	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Eicosane	282	C20H42	000112-95-8	87
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
5	Octacosane	394	C28H58	000630-02-4	74





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
2-Pentanone, 4-hy...	4.69	3.5	ng	128946	1	7.50	730290	20.0
unknown7.04	7.04	114.7	ng	4187760	1	7.50	730290	20.0
n-Hexadecanoic acid	17.83	4.1	ng	259884	4	16.92	1268700	20.0
1-Nonadecene	20.86	3.6	ng	231964	5	21.14	1281290	20.0
Heneicosane	22.65	2.5	ng	156780	6	23.30	1234330	20.0