LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018779.D
Acq On : 12 Feb 2019 19:02
Operator : JU/SJ
Sample : K1458-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GW-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-BM021119.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	5.304	371	377	393	rBV	2828124	4105359	18.20%	3.948%
2	6.887	639	646	662	rBV	1786587	3020915	13.39%	2.905%
3	7.245	698	707	725	rBV	5254062	8264801	36.63%	7.947%
4	7.716	780	787	793	rBV	1116809	1777276	7.88%	1.709%
5	8.034	832	841	852	rBV	4191898	6831543	30.28%	6.569%
6	8.881	976	985	999	rBV	3597851	6059139	26.86%	5.826%
7	10.504	1252	1261	1274	rBV	1472126	2507780	11.12%	2.411%
8	12.980	1673	1682	1702	rBV	9421883	13914547	61.67%	13.380%
9	13.827	1820	1826	1839	rBV	228897	358817	1.59%	0.345%
10	14.363	1910	1917	1926	rBV2	2156033	3397046	15.06%	3.266%
11	15.863	2164	2172	2191	rBV	8145781	11707248	51.89%	11.257%
12	17.115	2378	2385	2397	rBV	2968957	4266809	18.91%	4.103%
13	18.004	2531	2536	2546	rBV	608830	914927	4.06%	0.880%
14	19.286	2750	2754	2765	rBV	248193	450104	1.99%	0.433%
15	19.427	2775	2778	2784	rVB	214410	255950	1.13%	0.246%
16	19.750	2827	2833	2848	rBV	18890808	22562028	100.00%	21.695%
17	21.015	3044	3048	3056	rBV	570536	763224	3.38%	0.734%
18	21.309	3093	3098	3108	rBV	3988800	4987241	22.10%	4.796%
19	21.445	3118	3121	3128	rBV	241360	255696	1.13%	0.246%
20	21.880	3192	3195	3202	rBV	363409	406609	1.80%	0.391%
21	22.344	3270	3274	3281	rBV	551162	696957	3.09%	0.670%
22	22.856	3357	3361	3367	rVB	564200	783224	3.47%	0.753%
23	23.427	3454	3458	3466	rVB	511315	784725	3.48%	0.755%
24	23.568	3476	3482	3496	rVB	2088346	4288598	19.01%	4.124%
25	24.080	3565	3569	3577	rVB	352001	636016	2.82%	0.612%

Sum of corrected areas: 103996579

LSC Report - Integrated Chromatogram

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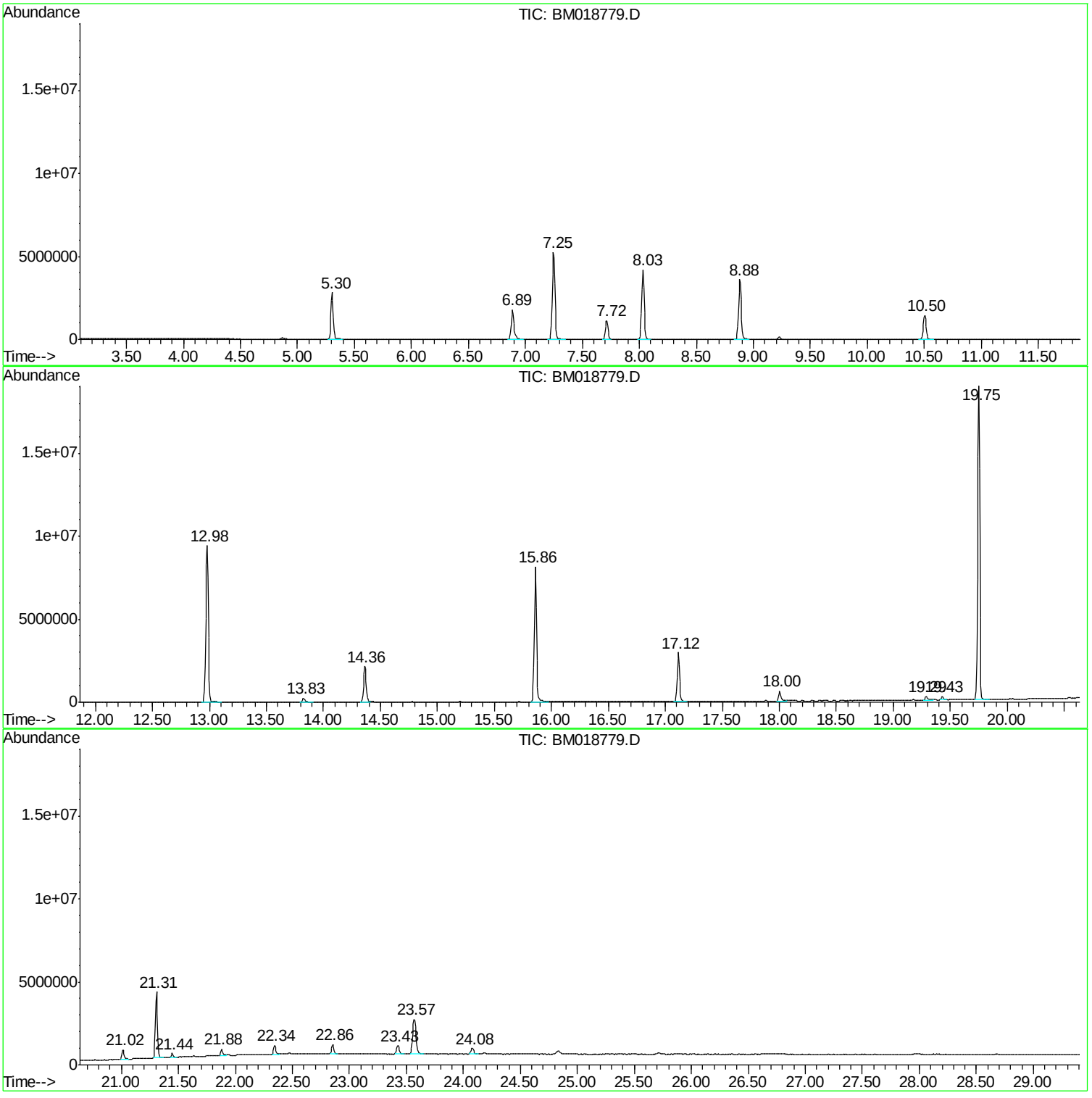
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
Data File : BM018779.D
Acq On : 12 Feb 2019 19:02
Operator : JU/SJ
Sample : K1458-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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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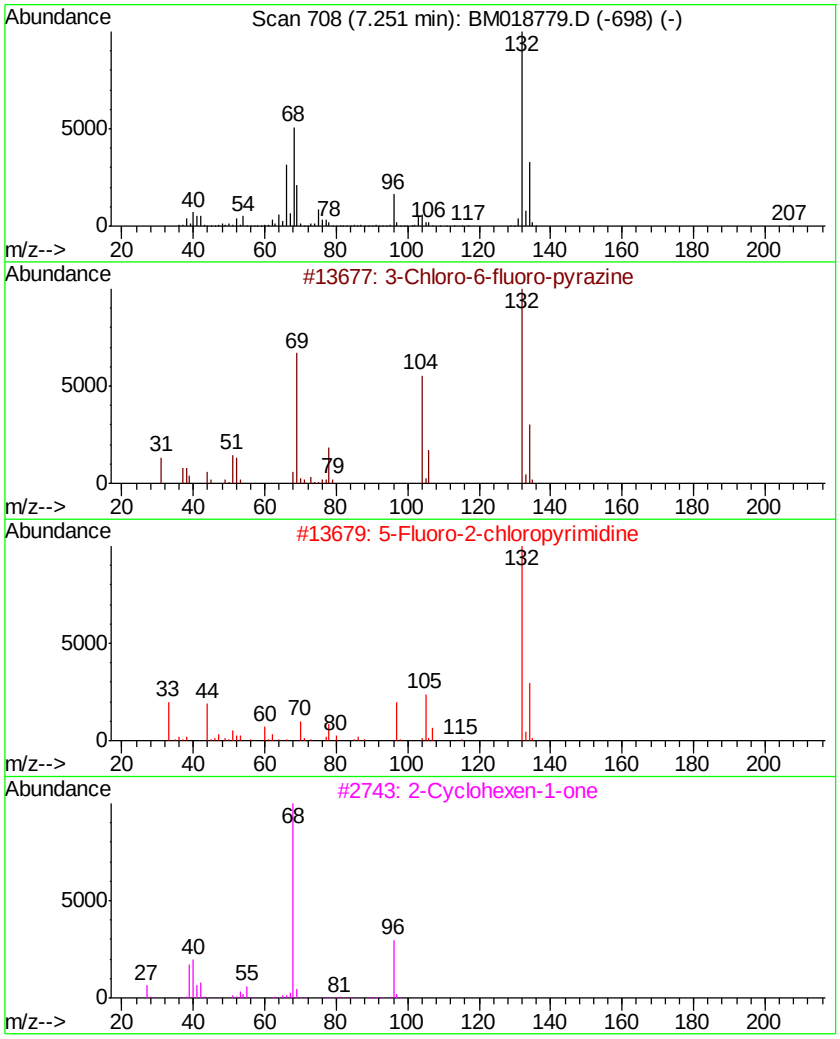
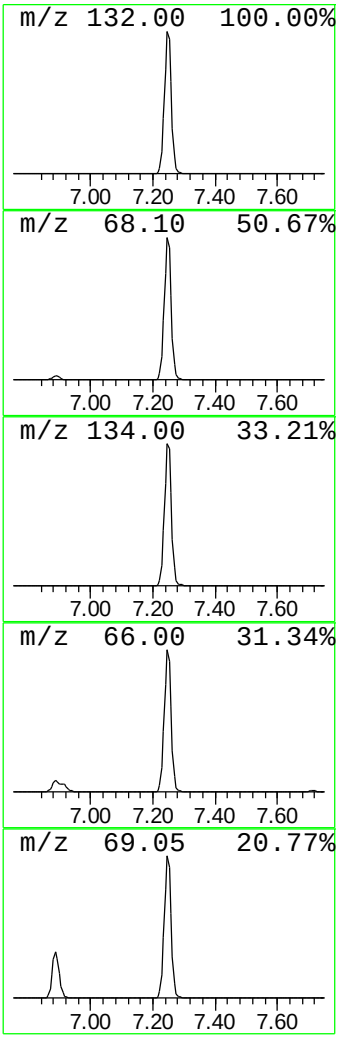
Peak Number 1 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	93.01 ng	8264800	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Sample : K1458-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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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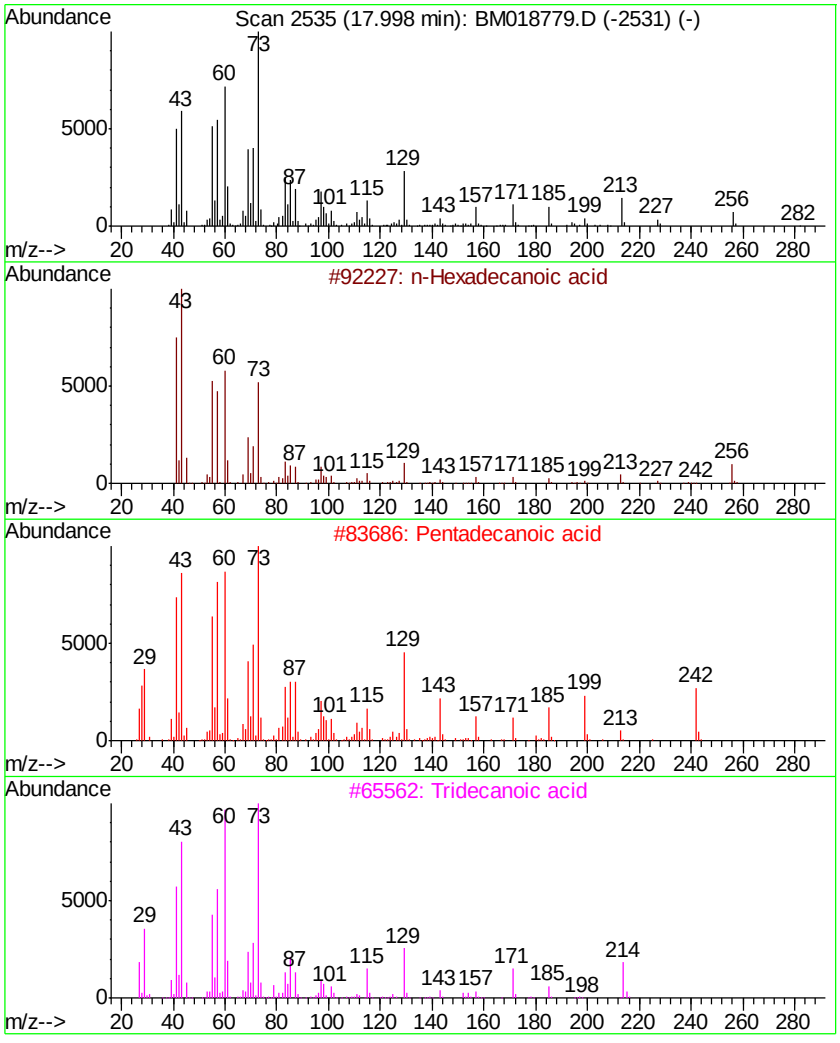
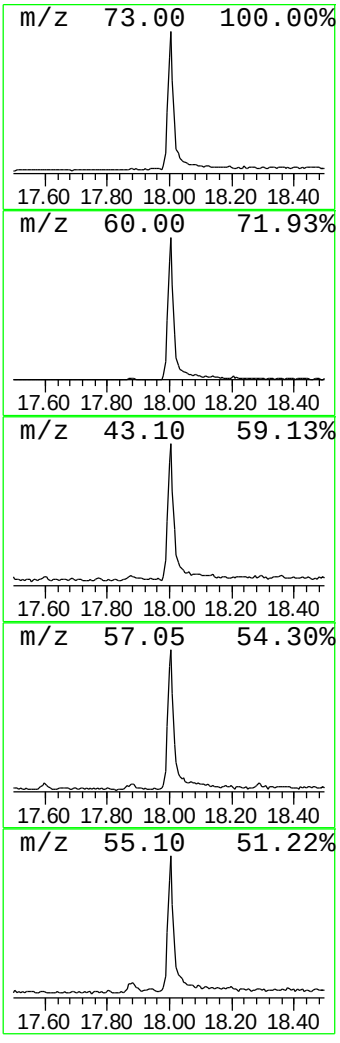
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	4.29 ng	914927	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5	Undecanoic acid	186	C11H22O2	000112-37-8	38





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Instrument : BNA_M
ClientSampleId : GW-1

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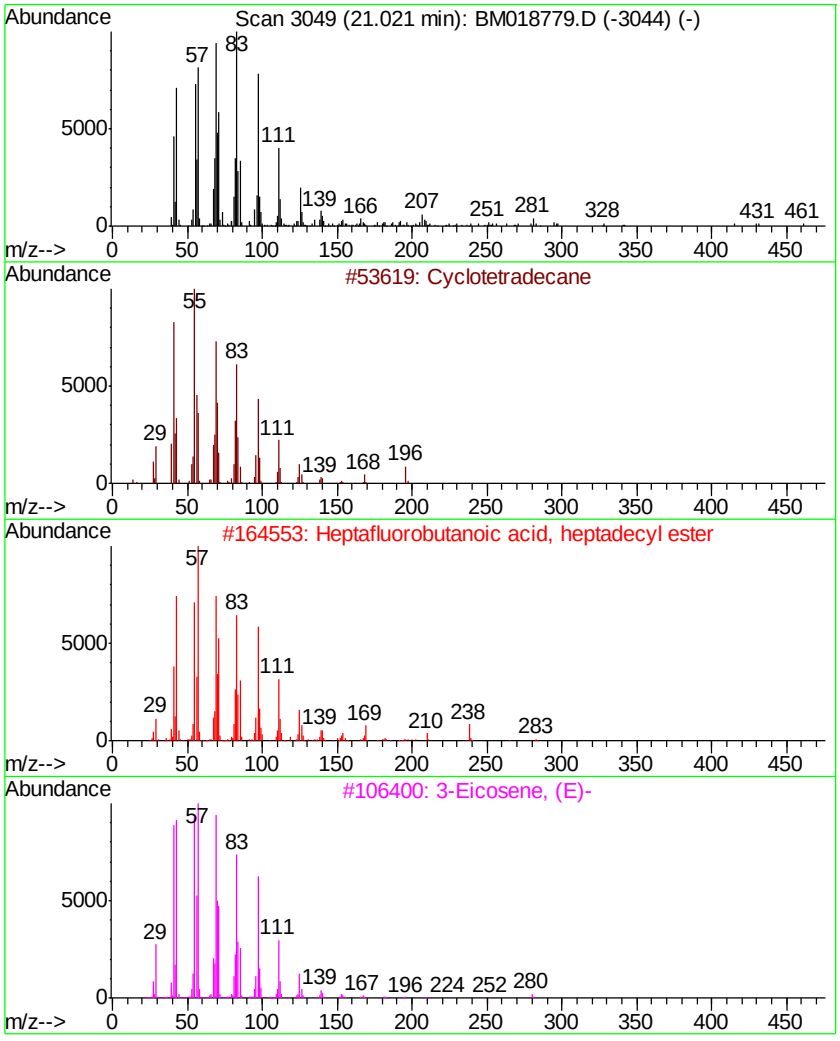
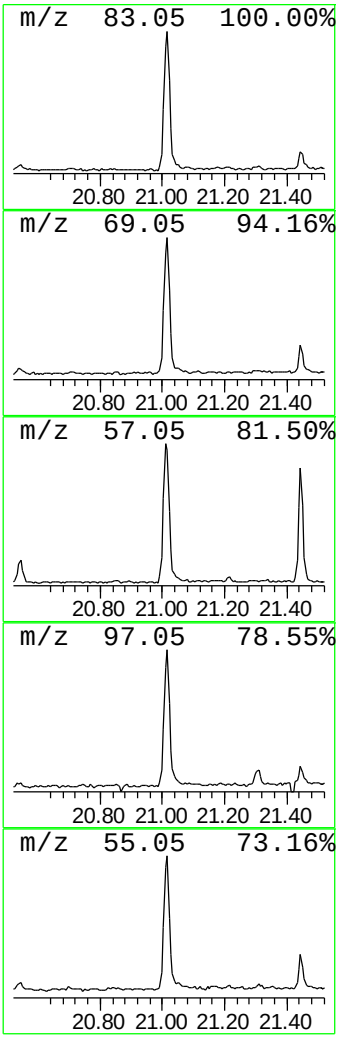
Peak Number 4 Cyclotetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.06 ng	763224	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	93
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	92
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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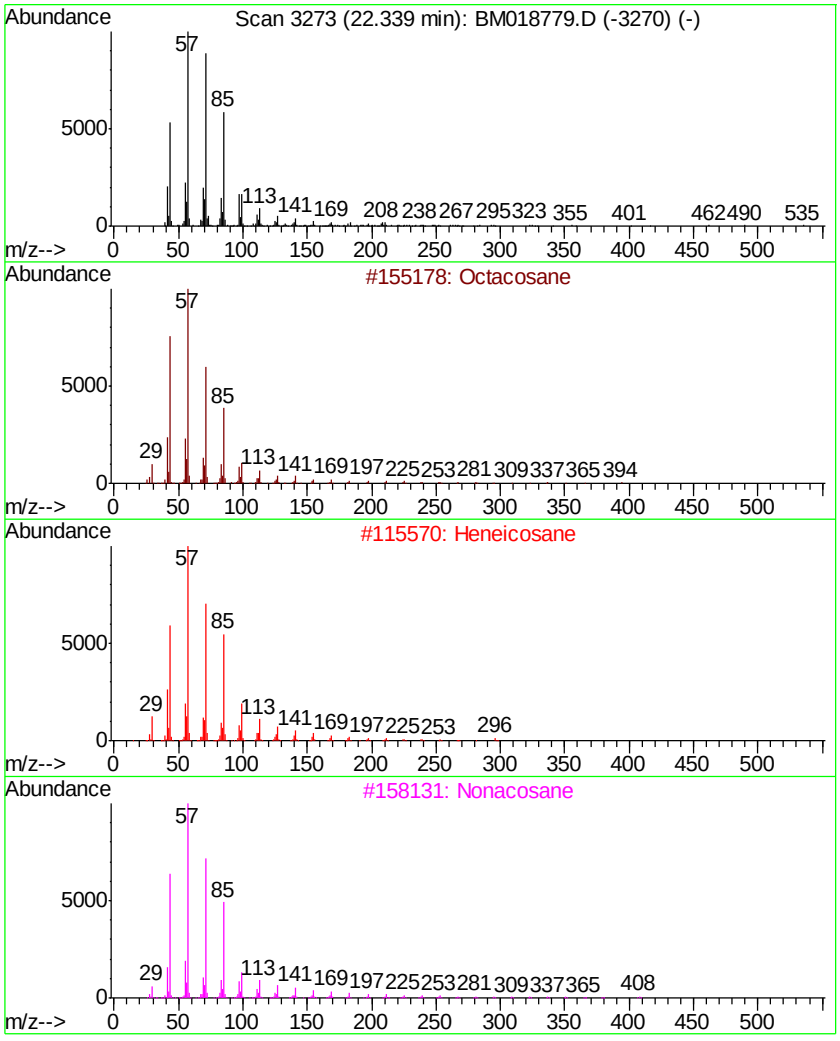
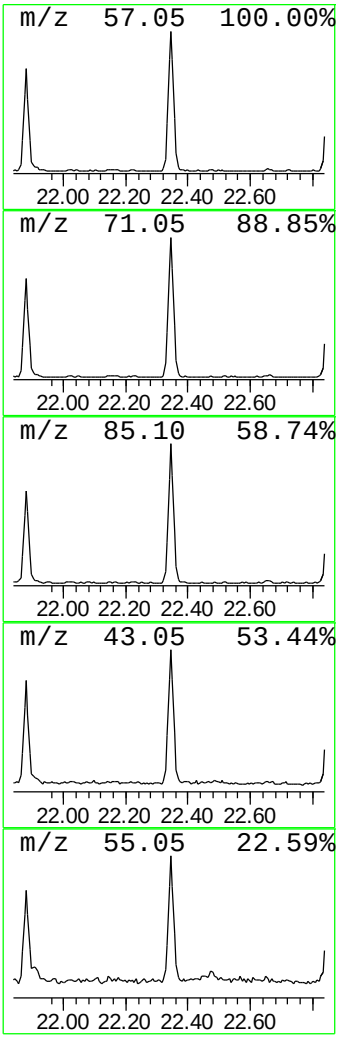
Peak Number 5 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.79 ng	696957	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Nonacosane	408	C29H60	000630-03-5	90
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5	Eicosane	282	C20H42	000112-95-8	86





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Instrument : BNA_M
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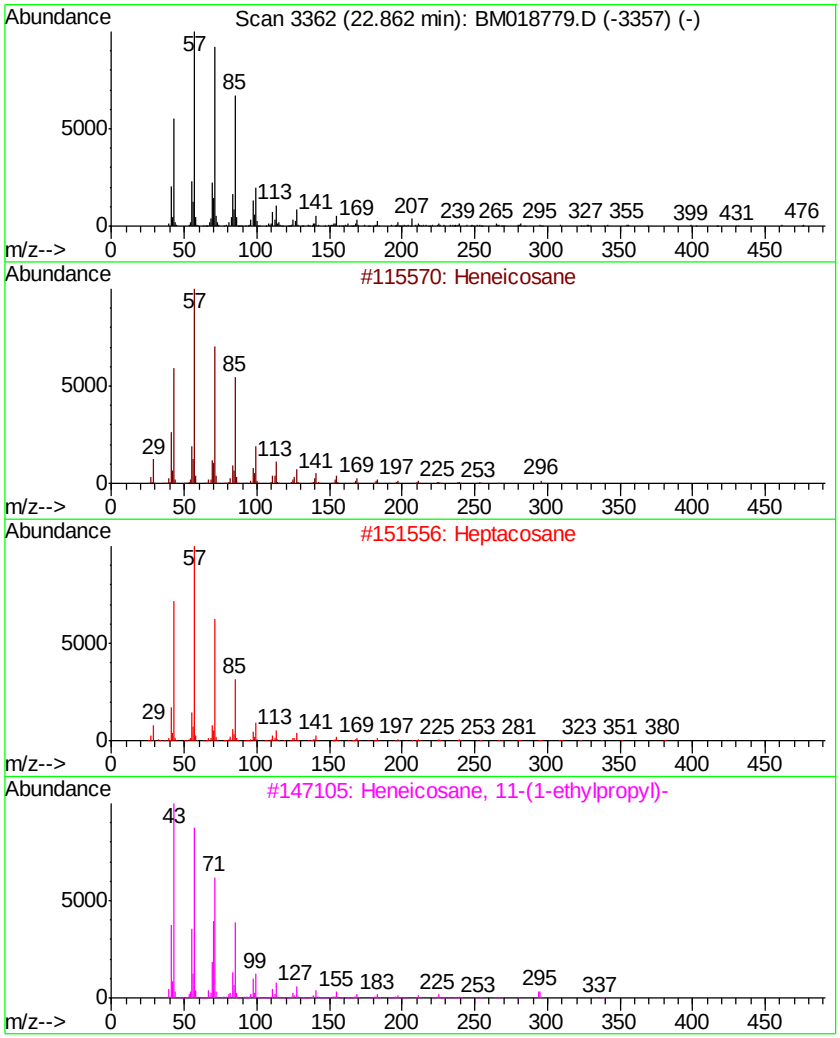
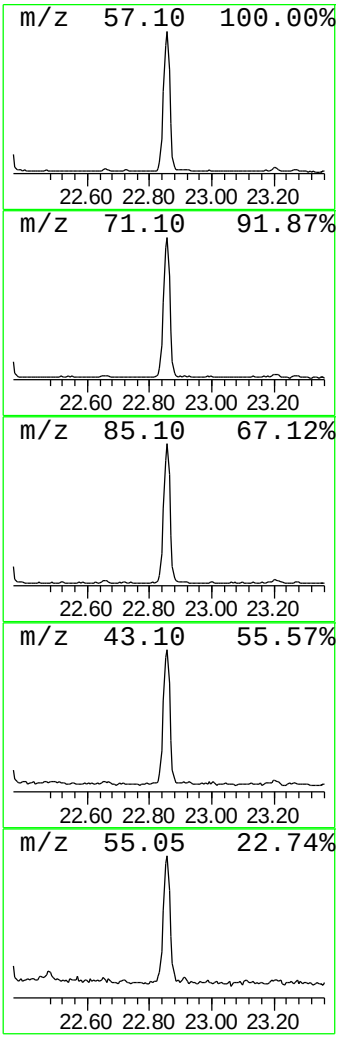
Peak Number 6 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	3.65 ng	783224	Perylene-d12	23.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87





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
unknown7.25	7.25	93.0	ng	8264800	1	7.72	1777280	20.0
n-Hexadecanoic acid	18.00	4.3	ng	914927	4	17.12	4266810	20.0
Cyclotetradecane	21.02	3.1	ng	763224	5	21.31	4987240	20.0
Octacosane	22.34	2.8	ng	696957	5	21.31	4987240	20.0
Heneicosane	22.86	3.6	ng	783224	6	23.57	4288600	20.0