LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051119\
Data File : BM020273.D
Acq On : 11 May 2019 15:30
Operator : JU/SJ
Sample : K2765-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS003-0002-01

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-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	5.351	396	402	415	rBV	1088364	1612970	63.61%	8.254%
2	6.934	664	671	683	rBV	1066141	1736026	68.46%	8.884%
3	7.298	726	733	743	rBV	1153506	1837527	72.46%	9.404%
4	7.769	806	813	819	rBV	216663	356159	14.04%	1.823%
5	8.081	860	866	877	rBV	817161	1361557	53.69%	6.968%
6	8.934	1002	1011	1033	rBV	620346	1117777	44.08%	5.720%
7	10.557	1281	1287	1297	rBV	231305	408538	16.11%	2.091%
8	13.027	1701	1707	1726	rBV	1457732	2145519	84.61%	10.980%
9	13.869	1845	1850	1862	rBV	205866	292572	11.54%	1.497%
10	14.416	1936	1943	1951	rBV2	344559	542481	21.39%	2.776%
11	15.904	2190	2196	2211	rBV	1177415	1807068	71.26%	9.248%
12	17.162	2404	2410	2422	rBV2	454968	688852	27.16%	3.525%
13	17.921	2534	2539	2545	rBV5	17487	34271	1.35%	0.175%
14	18.045	2555	2560	2575	rBV	188055	304452	12.01%	1.558%
15	19.221	2755	2760	2766	rVB	24250	40762	1.61%	0.209%
16	19.327	2774	2778	2782	rBV2	57453	79110	3.12%	0.405%
17	19.586	2819	2822	2830	rVB3	28092	43500	1.72%	0.223%
18	19.792	2851	2857	2865	rBV	1958679	2535849	100.00%	12.977%
19	21.045	3066	3070	3076	rBV	128261	180765	7.13%	0.925%
20	21.350	3117	3122	3127	rBV	635469	851690	33.59%	4.359%
21	21.921	3217	3219	3221	rBV2	49836	51886	2.05%	0.266%
22	22.521	3317	3321	3326	rVB	279731	374818	14.78%	1.918%
23	22.909	3383	3387	3391	rVB	139991	194680	7.68%	0.996%
24	23.638	3505	3511	3520	rVB	468817	941818	37.14%	4.820%

Sum of corrected areas: 19540647

LSC Report - Integrated Chromatogram

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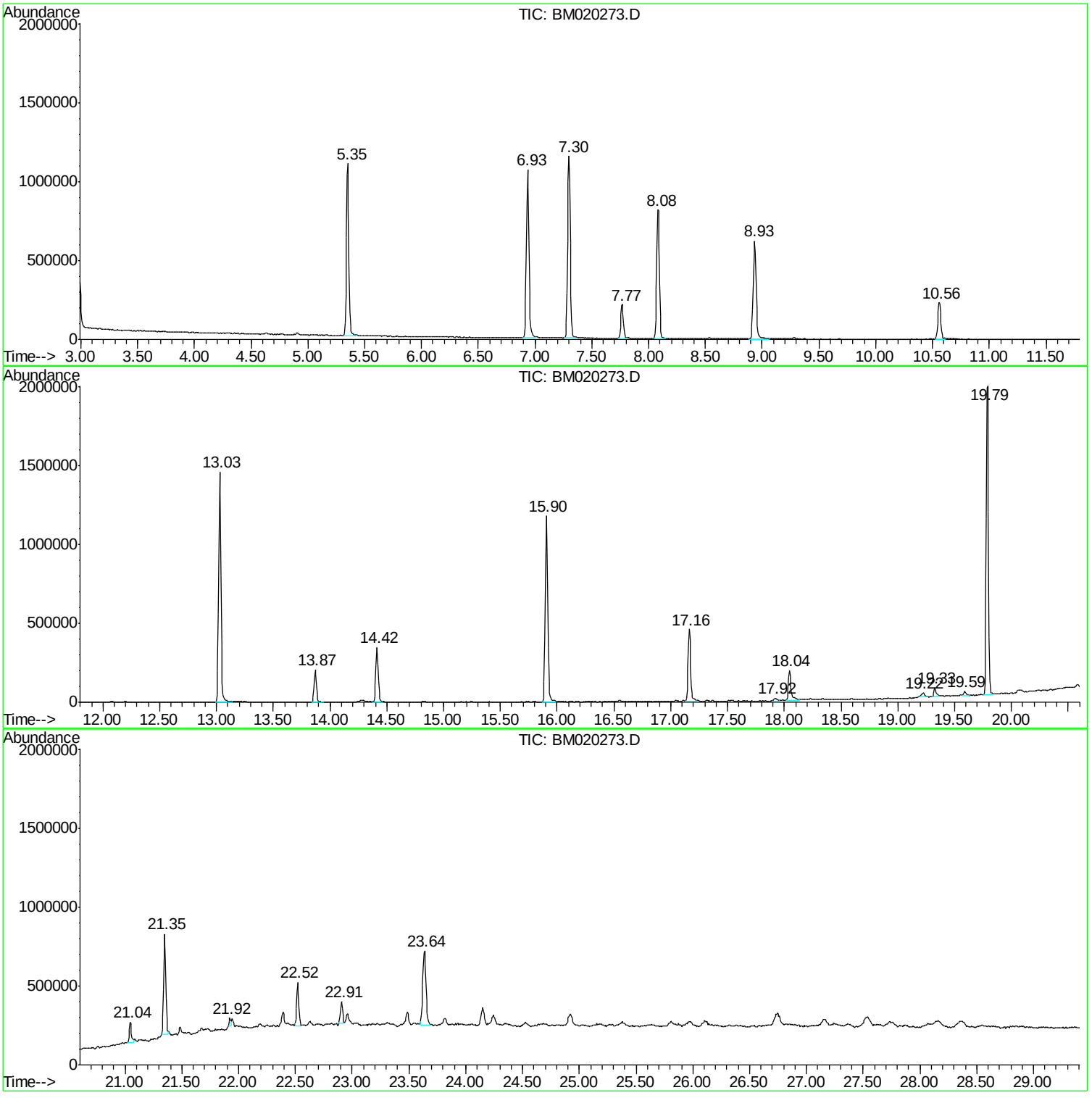
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS003-0002-01

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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Operator : JU/SJ
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Instrument : BNA_M
ClientSampleId : P026-SS003-0002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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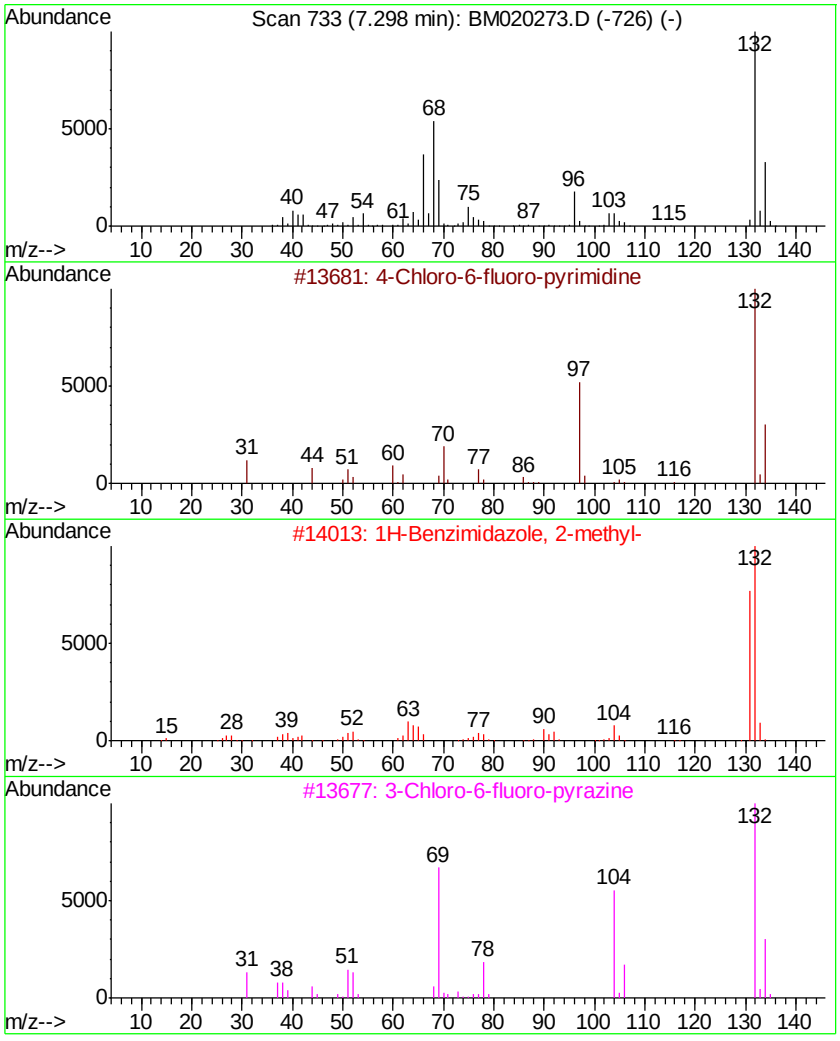
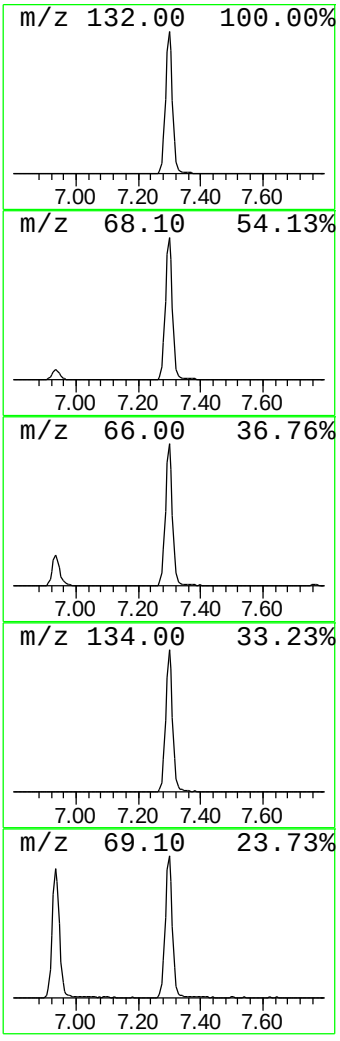
Peak Number 1 unknown7.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	103.19 ng	1837530	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS003-0002-01

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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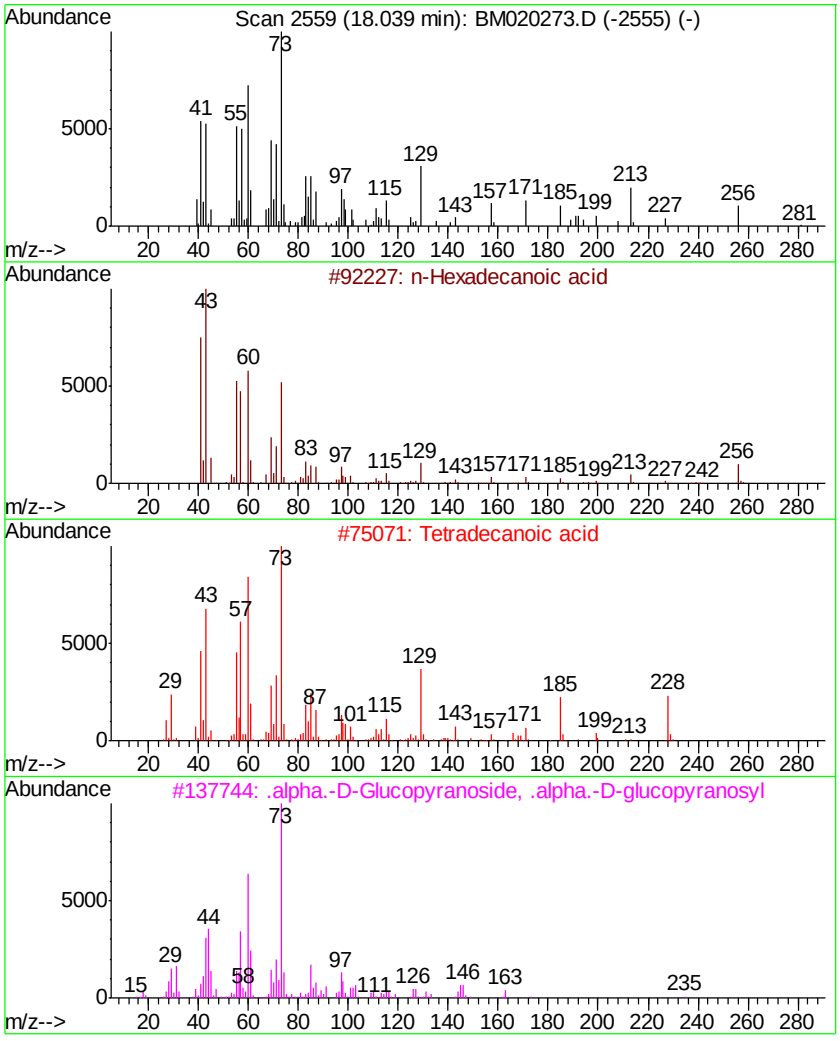
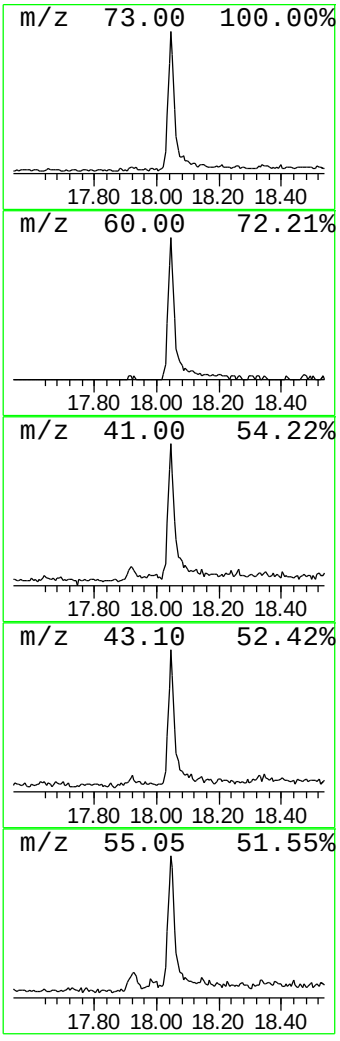
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	8.84 ng	304452	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
3	.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	35
4	Tetradecane	198	C14H30	000629-59-4	18
5	Pentadecane	212	C15H32	000629-62-9	18





Library Search Compound Report

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Data File : BM020273.D
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Operator : JU/SJ
Sample : K2765-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS003-0002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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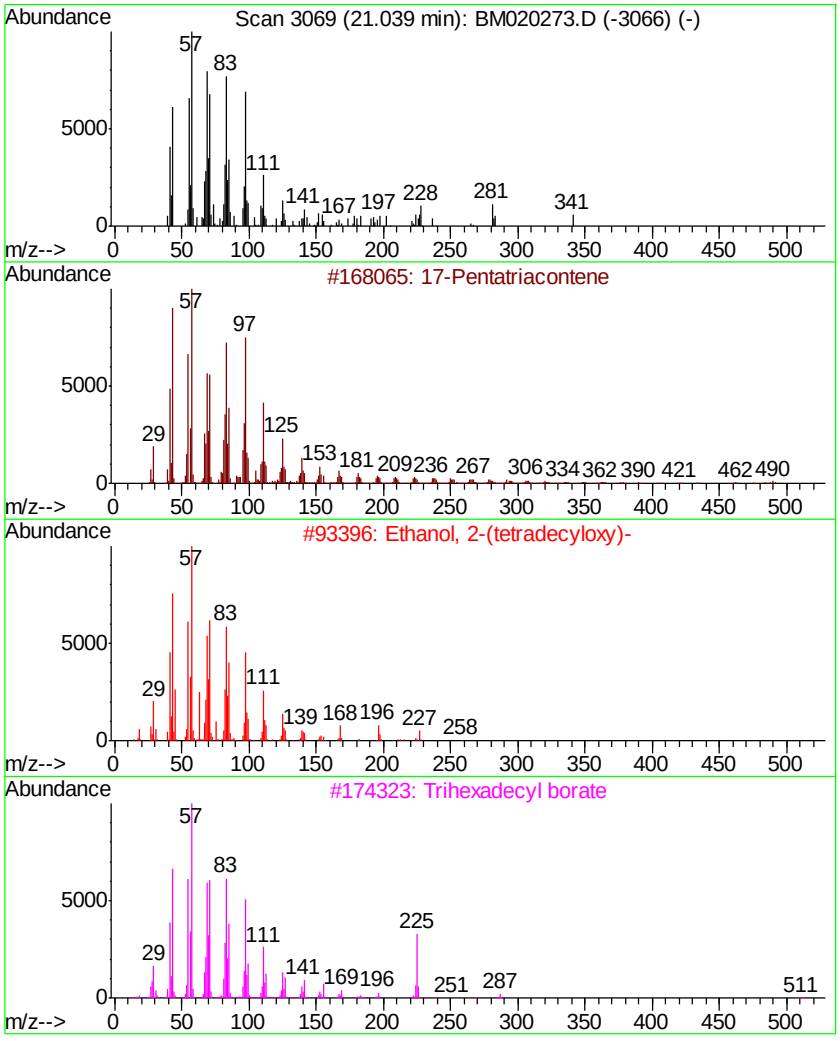
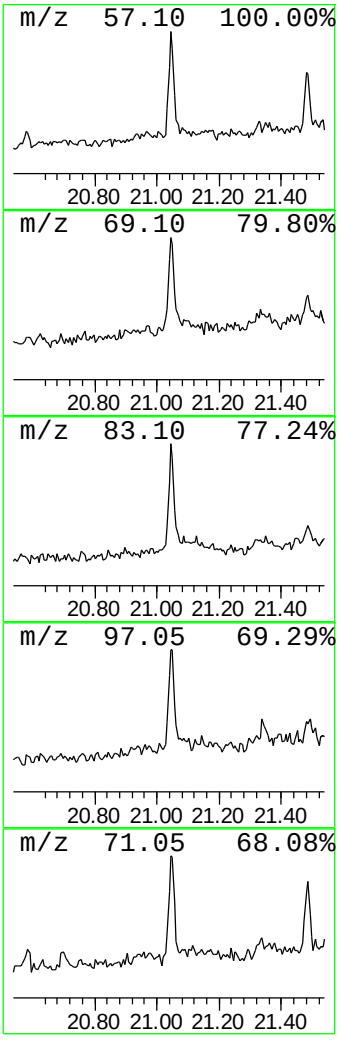
Peak Number 4 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	4.24 ng	180765	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	Trihexadecyl borate	735	C48H99BO3	002665-11-4	87
4	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	83
5	Undecane, 6-cyclohexyl-	238	C17H34	013151-81-0	80





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : P026-SS003-0002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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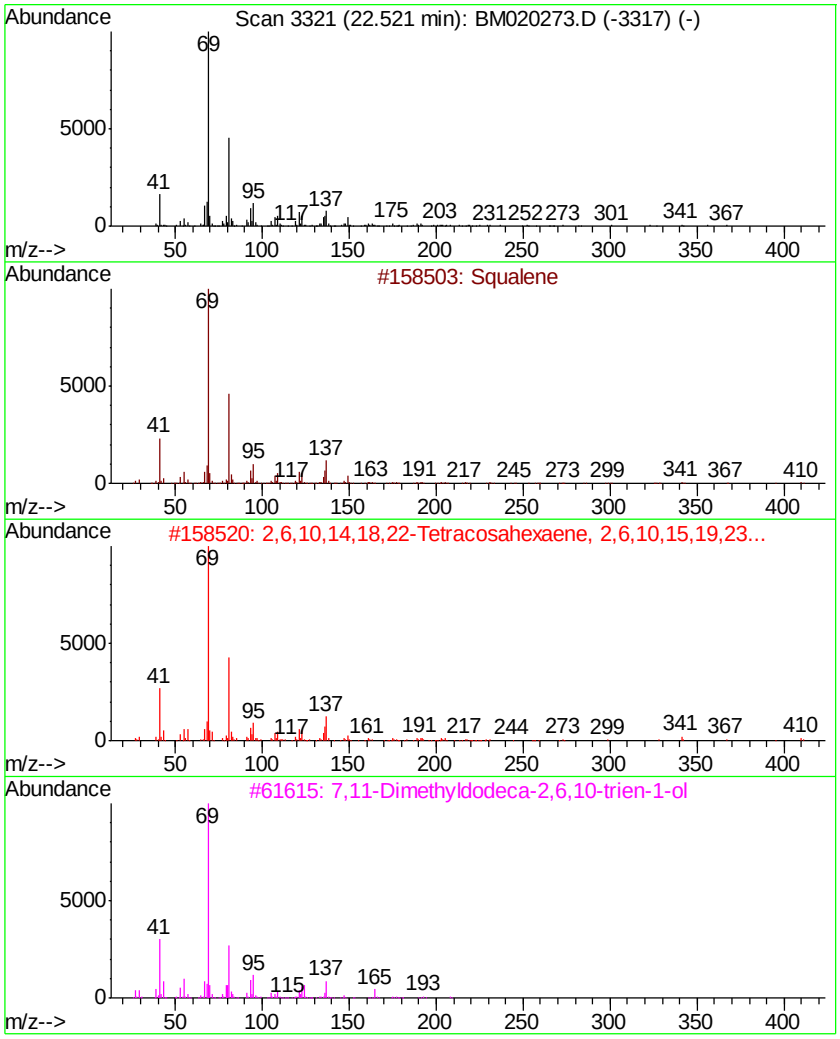
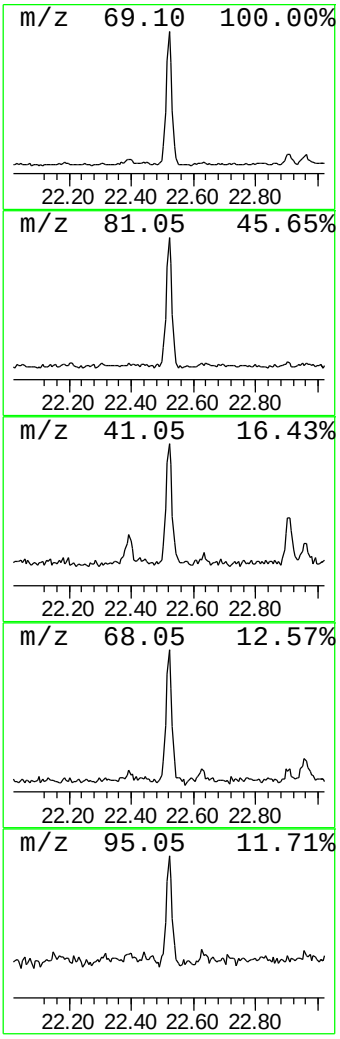
Peak Number 5 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	7.96 ng	374818	Perylene-d12	23.64

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	90
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	80
4	6,11-Dimethyl-2,6,10-dodecatrien...	208	C14H24O	1000196-53-3	72
5	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	72





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS003-0002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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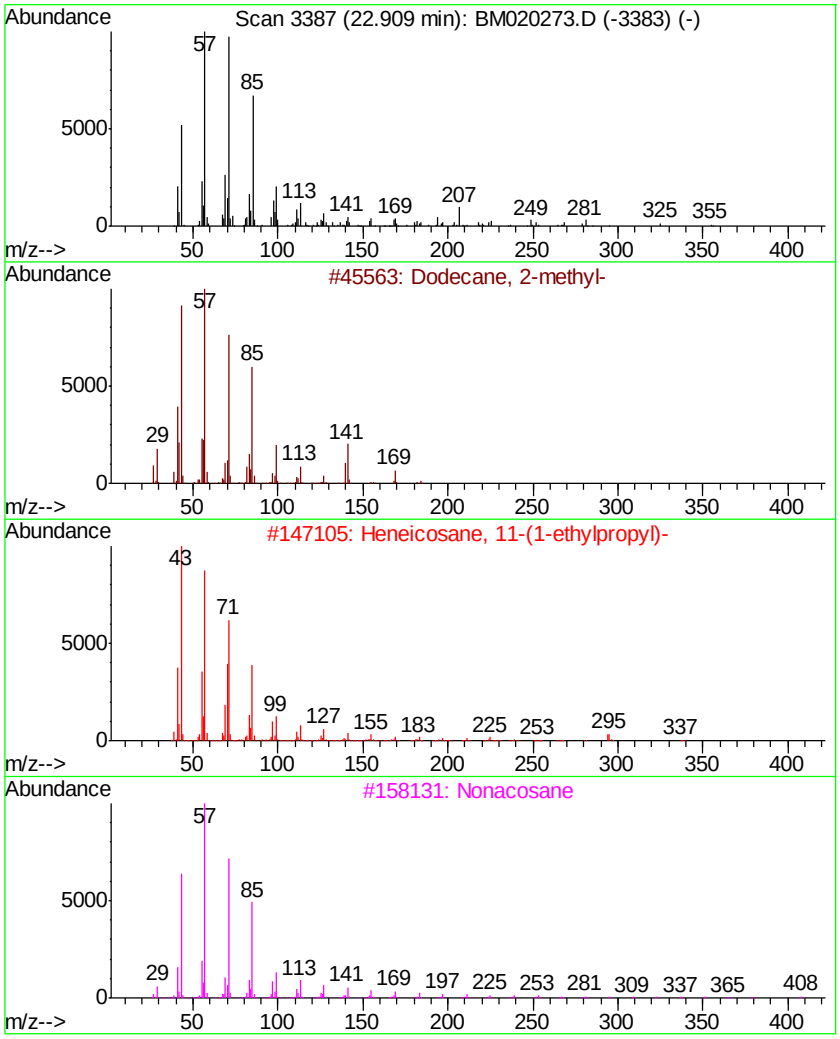
TIC Integration Parameters: LSCINT.P

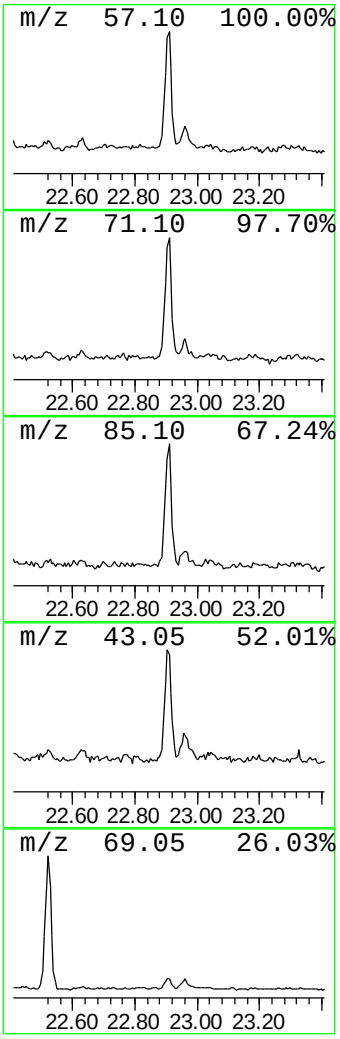
****

Peak Number 6 Dodecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.91	4.13 ng	194680	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
3	Nonacosane	408	C29H60	000630-03-5	80
4	Heptacosane	380	C27H56	000593-49-7	74
5	Octadecane	254	C18H38	000593-45-3	64





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.30	7.30	103.2	ng	1837530	1	7.77	356159	20.0
n-Hexadecanoic acid	18.04	8.8	ng	304452	4	17.16	688852	20.0
17-Pentatriacontene	21.04	4.2	ng	180765	5	21.35	851690	20.0
Squalene	22.52	8.0	ng	374818	6	23.64	941818	20.0
Dodecane, 2-methyl-	22.91	4.1	ng	194680	6	23.64	941818	20.0