LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030819\
Data File : BM019076.D
Acq On : 08 Mar 2019 16:42
Operator : JU/SJ
Sample : K1807-25
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-16

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	5.269	364	371	386	rBV	2790856	4052960	60.11%	8.868%
2	6.851	632	640	656	rBV	2580949	4347713	64.48%	9.513%
3	7.204	692	700	713	rBV	2858824	4451560	66.02%	9.740%
4	7.669	771	779	786	rBV	565590	891355	13.22%	1.950%
5	7.987	825	833	842	rBV	2041776	3259964	48.35%	7.133%
6	8.840	970	978	990	rBV	1452194	2507895	37.20%	5.487%
7	10.457	1244	1253	1264	rBV	629455	1102598	16.35%	2.413%
8	12.933	1667	1674	1689	rBV	3311442	4912499	72.86%	10.749%
9	13.786	1814	1819	1830	rBV	188398	301178	4.47%	0.659%
10	14.204	1884	1890	1904	rVB	100054	259512	3.85%	0.568%
11	14.322	1904	1910	1927	rVB2	849425	1356649	20.12%	2.968%
12	15.821	2159	2165	2182	rBV	2677151	4039639	59.91%	8.839%
13	17.080	2372	2379	2394	rBV2	990058	1555014	23.06%	3.402%
14	17.962	2525	2529	2541	rVV	309305	540439	8.02%	1.183%
15	19.133	2721	2728	2739	rBV	34815	130497	1.94%	0.286%
16	19.257	2744	2749	2760	rBV	194632	368102	5.46%	0.805%
17	19.715	2821	2827	2840	rBV	5284167	6742499	100.00%	14.753%
18	20.974	3038	3041	3047	rVB2	163155	183653	2.72%	0.402%
19	21.274	3087	3092	3101	rBV	1521645	2069833	30.70%	4.529%
20	22.303	3264	3267	3272	rVB	153016	183926	2.73%	0.402%
21	22.803	3349	3352	3357	rVB	157358	225965	3.35%	0.494%
22	23.521	3467	3474	3484	rVB	1128920	2219082	32.91%	4.855%

Sum of corrected areas: 45702532

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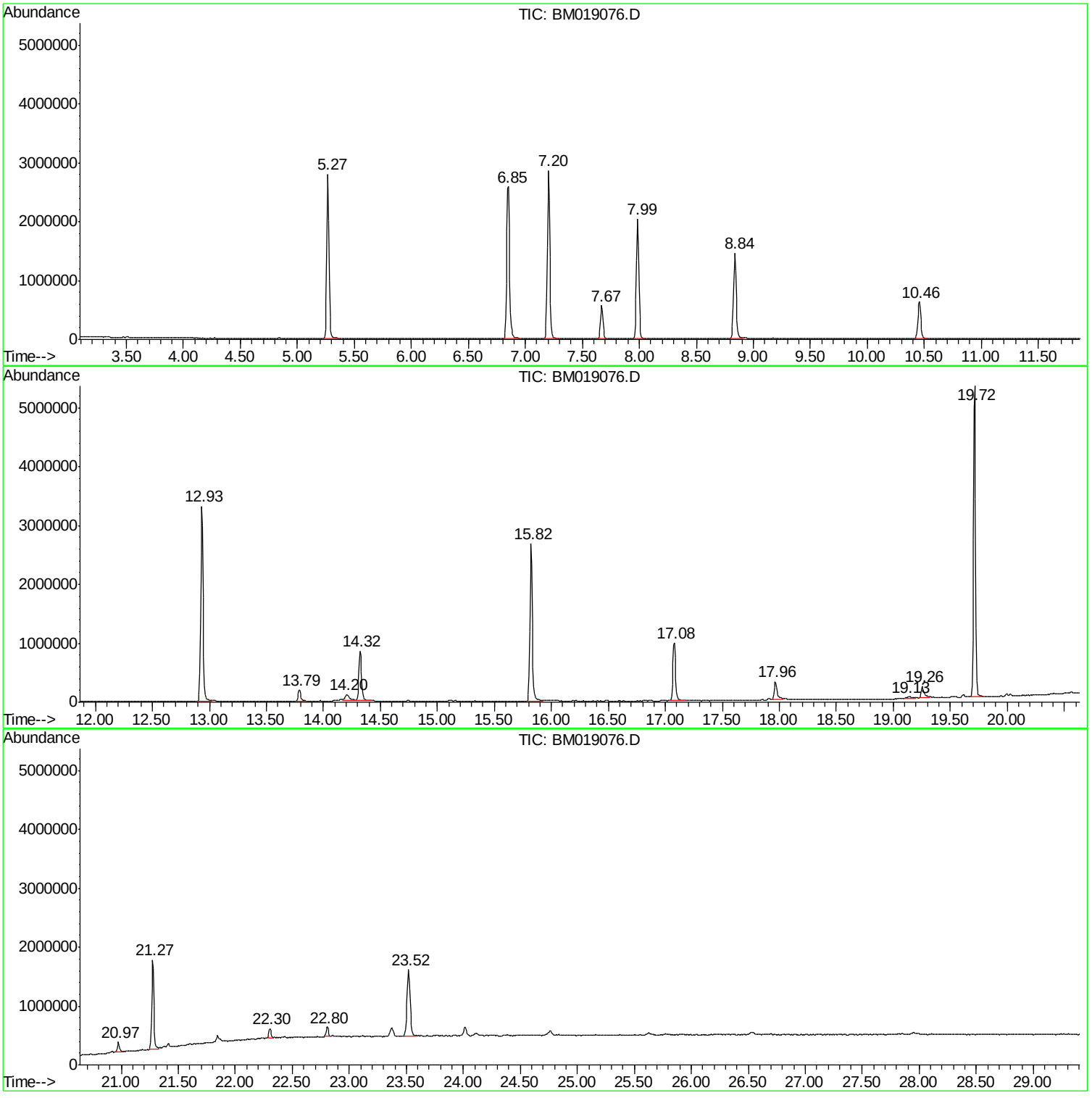
ClientSampleId :
TP-16

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

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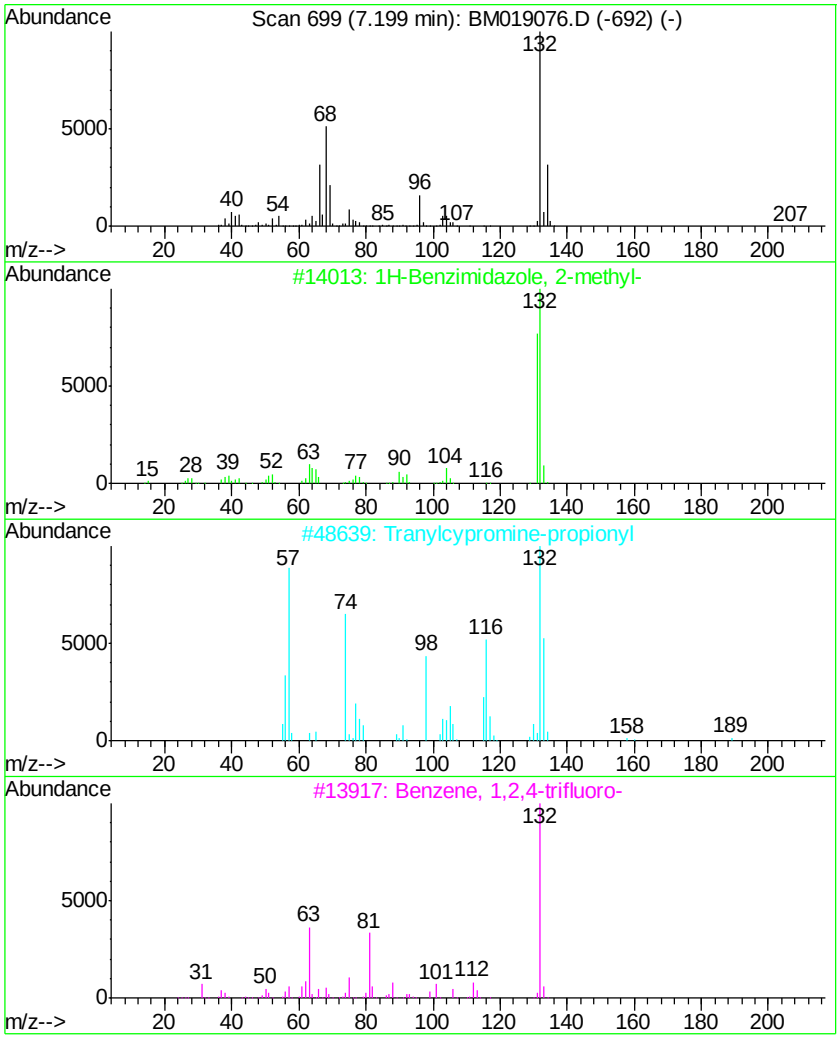
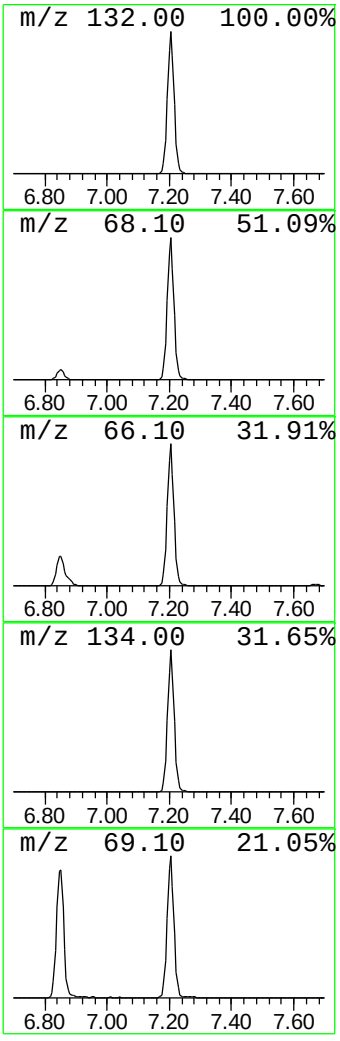
Peak Number 1 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	99.88 ng	4451560	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
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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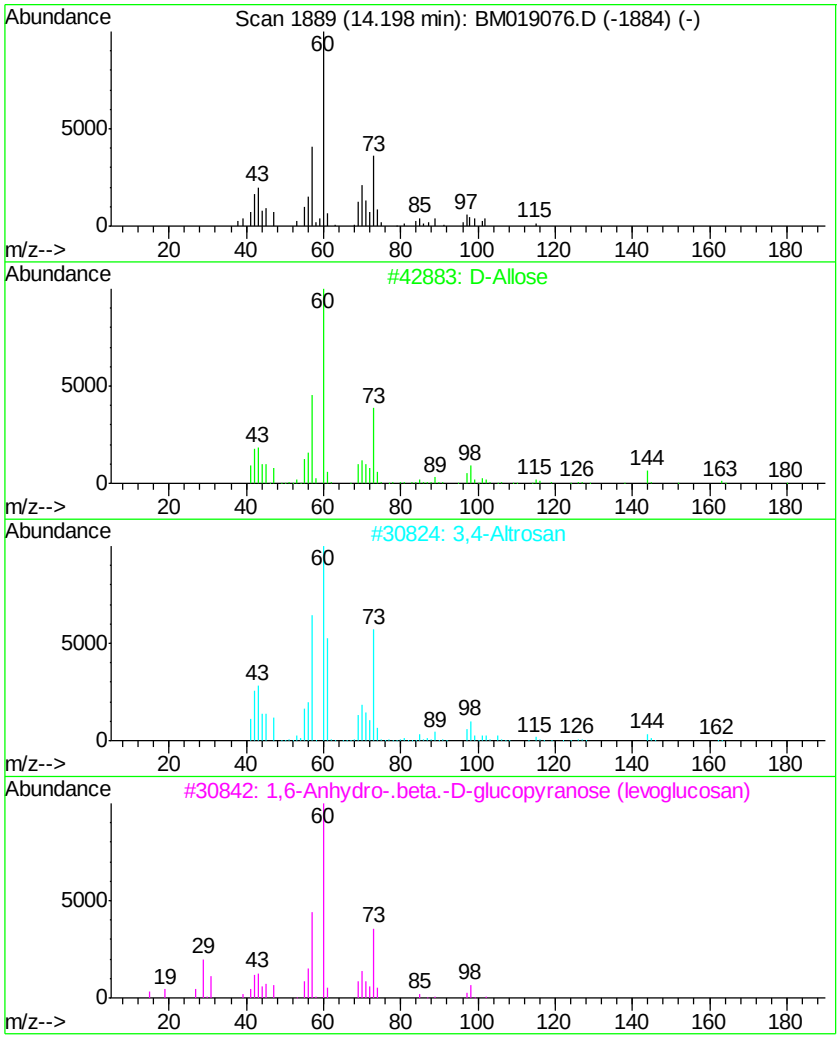
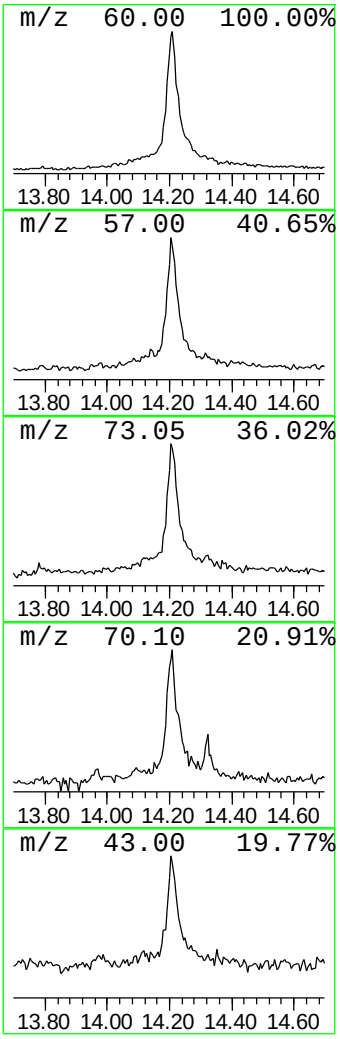
Peak Number 3 D-Allose Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	3.83 ng	259512	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Allose	180	C6H12O6	002595-97-3	64
2	3,4-Altrosan	162	C6H10O5	1000129-76-4	64
3	1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	64
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	59
5	Heptanoic acid	130	C7H14O2	000111-14-8	50





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Instrument : BNA_M
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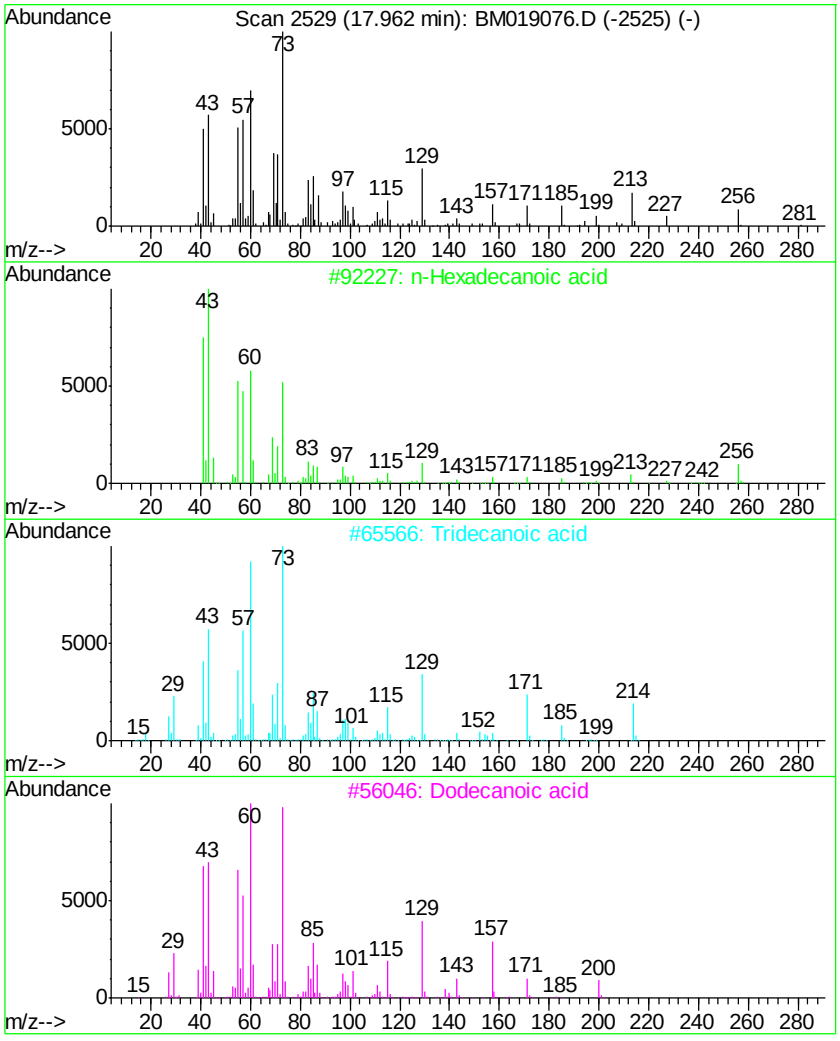
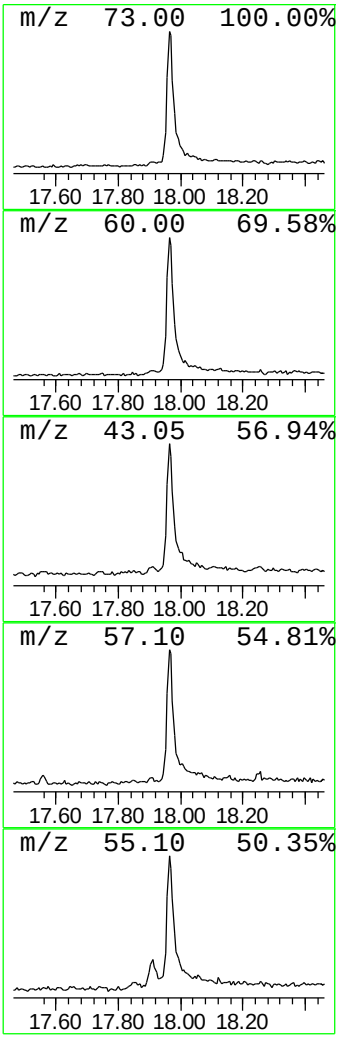
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	6.95 ng	540439	Phenanthrene-d10	17.08

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	64
3	Dodecanoic acid	200	C12H24O2	000143-07-7	59
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





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Instrument : BNA_M
ClientSampleId : TP-16

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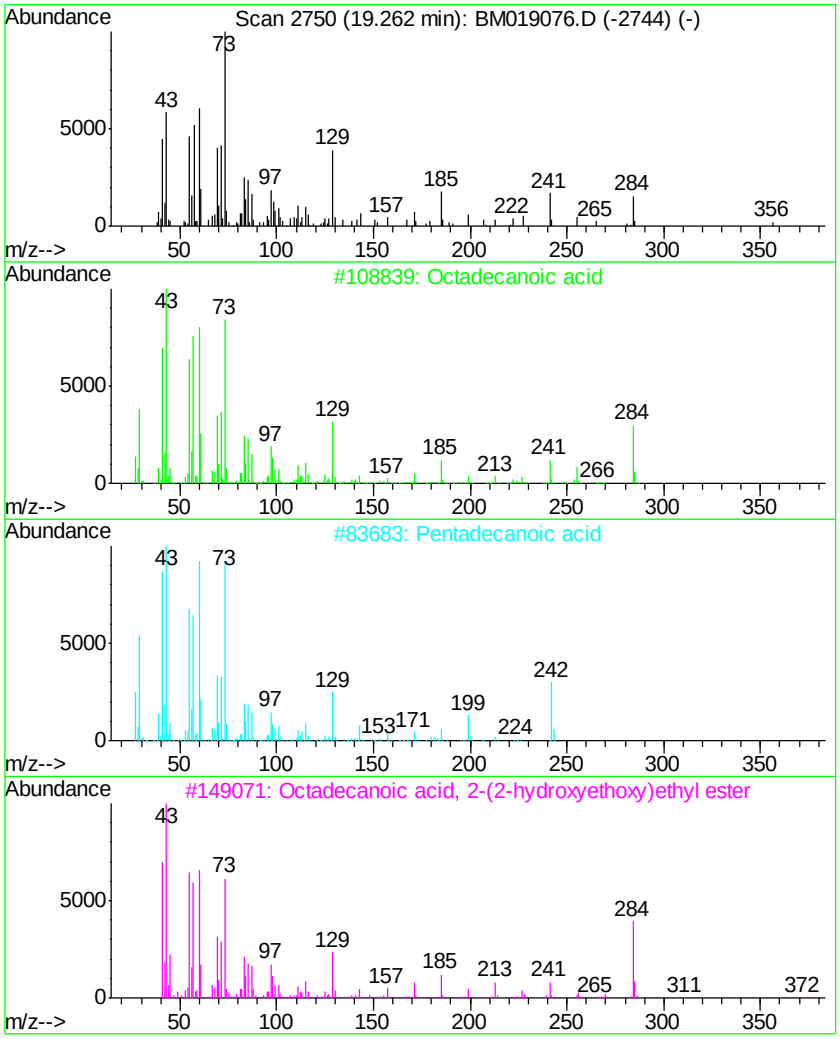
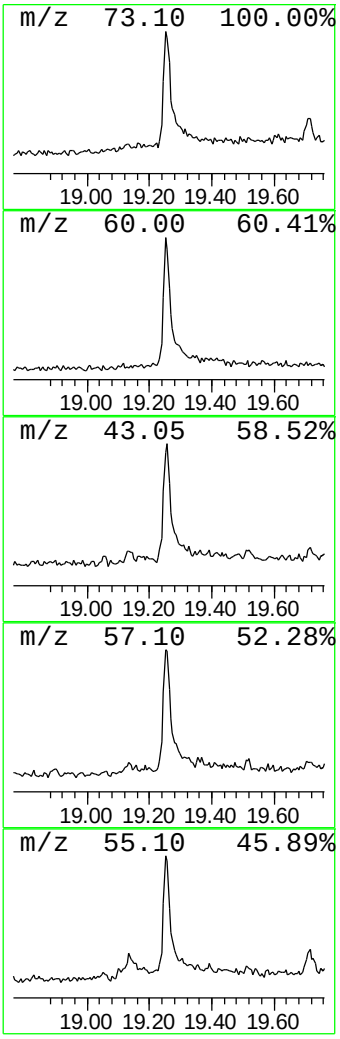
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	3.56 ng	368102	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Tetratetracontane	619	C44H90	007098-22-8	14





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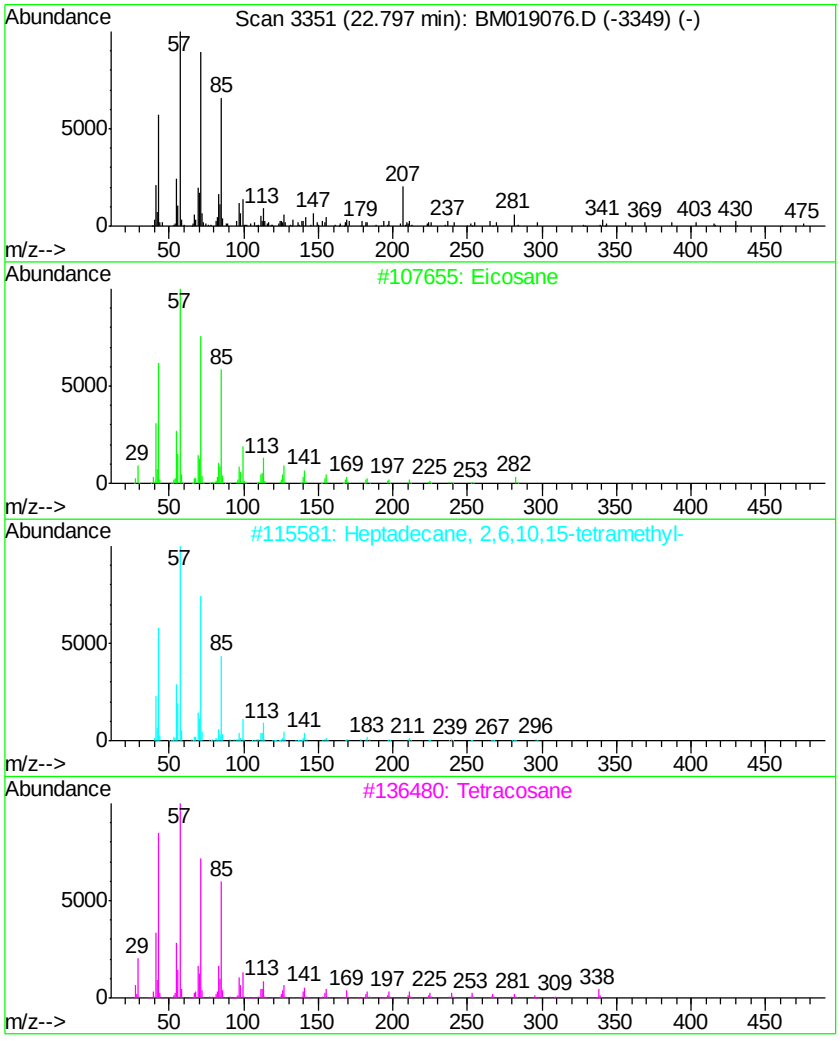
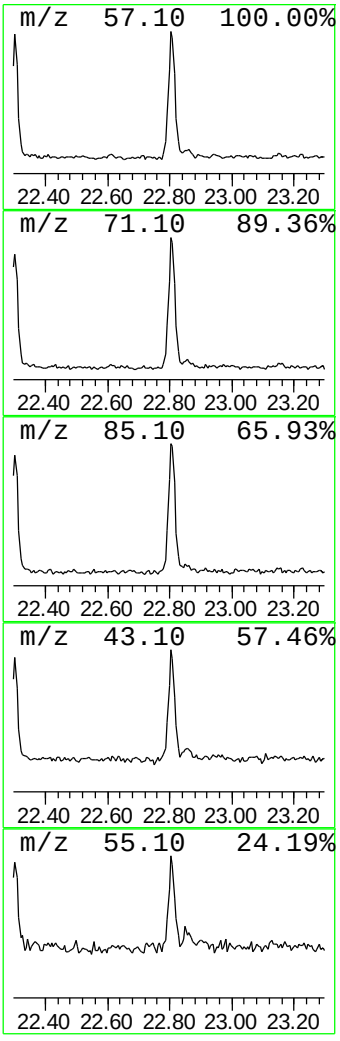
****

Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	2.04 ng	225965	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
3	Tetracosane	338	C24H50	000646-31-1	86
4	Docosane	310	C22H46	000629-97-0	83
5	Nonacosane	408	C29H60	000630-03-5	83





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.20	7.20	99.9	ng	4451560	1	7.67	891355	20.0
D-Allose	14.20	3.8	ng	259512	3	14.32	1356650	20.0
n-Hexadecanoic acid	17.96	7.0	ng	540439	4	17.08	1555010	20.0
Octadecanoic acid	19.26	3.6	ng	368102	5	21.27	2069830	20.0
Eicosane	22.80	2.0	ng	225965	6	23.52	2219080	20.0