LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
Data File : BM019159.D
Acq On : 13 Mar 2019 23:09
Operator : JU/SJ
Sample : K1869-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP-2

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-BM031119.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	5.257	380	386	403	rBV	3062340	4519511	38.27%	6.897%
2	6.839	648	655	679	rBV	3329829	5300074	44.88%	8.088%
3	7.192	708	715	730	rBV	3265847	5161171	43.70%	7.876%
4	7.657	787	794	803	rBV	741303	1177666	9.97%	1.797%
5	7.975	838	848	863	rBV	2181799	3495600	29.60%	5.335%
6	8.828	983	993	1015	rBV	1664600	2974714	25.19%	4.540%
7	10.445	1257	1268	1288	rBV	956646	1710466	14.48%	2.610%
8	12.921	1682	1689	1708	rBV	4771028	7397835	62.64%	11.290%
9	13.780	1828	1835	1851	rBV	341265	534912	4.53%	0.816%
10	14.310	1914	1925	1942	rBV2	1702676	2673927	22.64%	4.081%
11	15.809	2174	2180	2200	rBV	4888863	7039298	59.61%	10.742%
12	17.068	2387	2394	2405	rBV	2285548	3389334	28.70%	5.172%
13	17.956	2540	2545	2555	rBV	218648	376232	3.19%	0.574%
14	19.703	2836	2842	2857	rBV	9952859	11809579	100.00%	18.022%
15	20.962	3052	3056	3067	rBV	316292	429118	3.63%	0.655%
16	21.262	3102	3107	3120	rBV	2871531	3800774	32.18%	5.800%
17	21.397	3127	3130	3135	rBV	95667	119898	1.02%	0.183%
18	21.827	3200	3203	3210	rBV2	128994	202599	1.72%	0.309%
19	22.285	3278	3281	3287	rVB	161140	192967	1.63%	0.294%
20	22.785	3364	3366	3372	rVB	141512	201963	1.71%	0.308%
21	23.503	3481	3488	3500	rBV	1558367	3020265	25.57%	4.609%

Sum of corrected areas: 65527903

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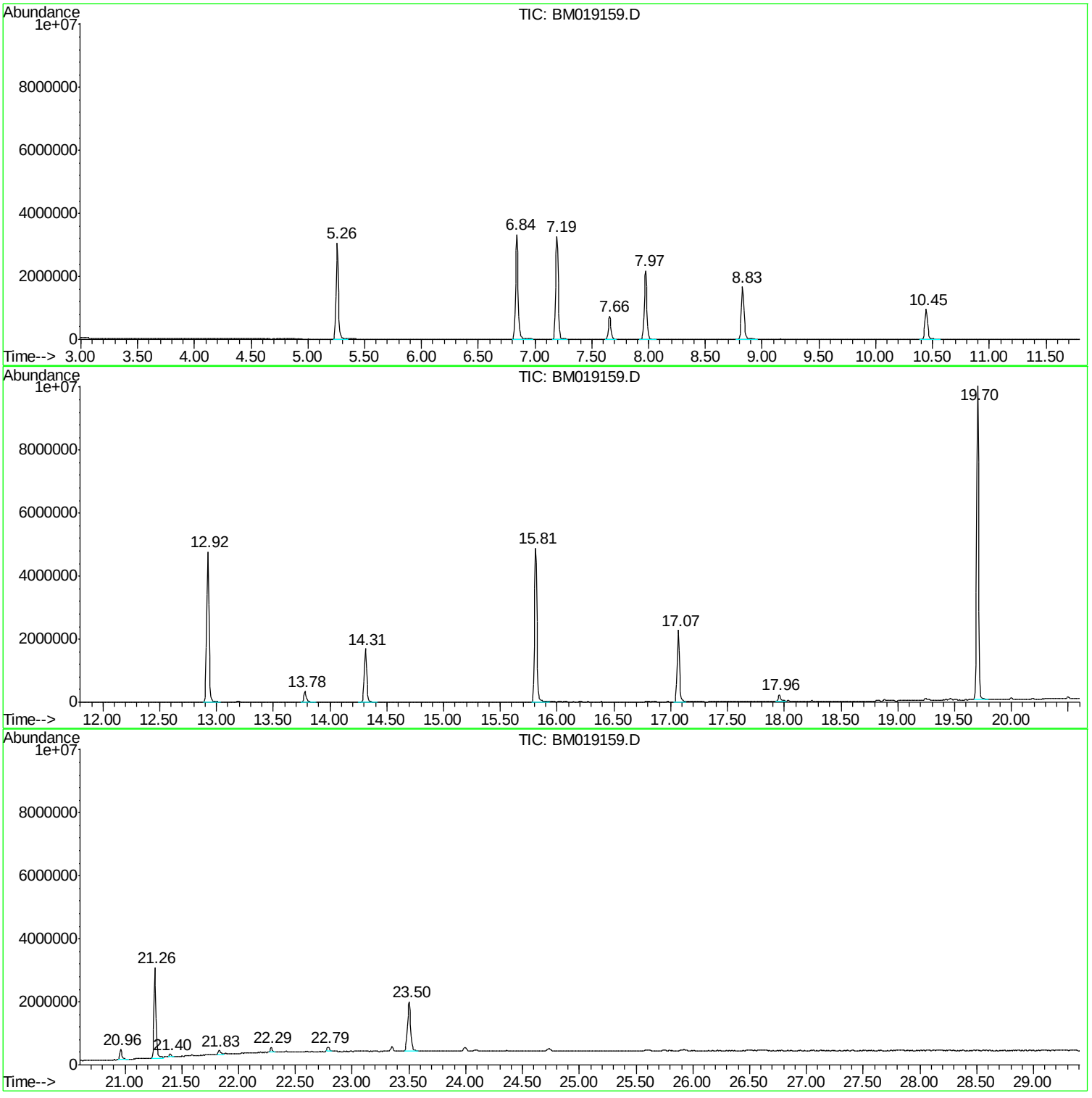
SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.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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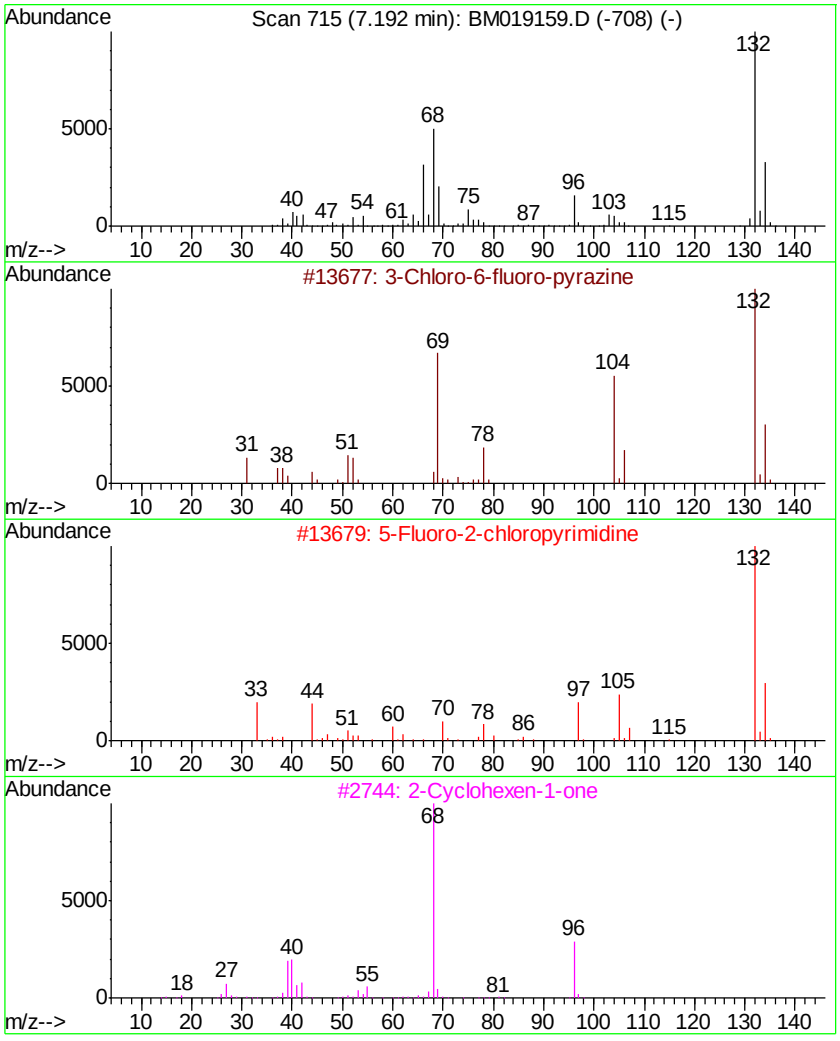
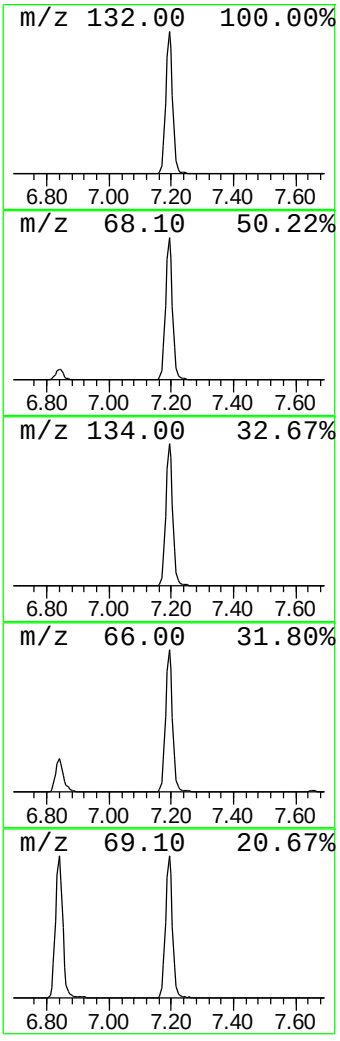
Peak Number 1 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	87.65 ng	5161170	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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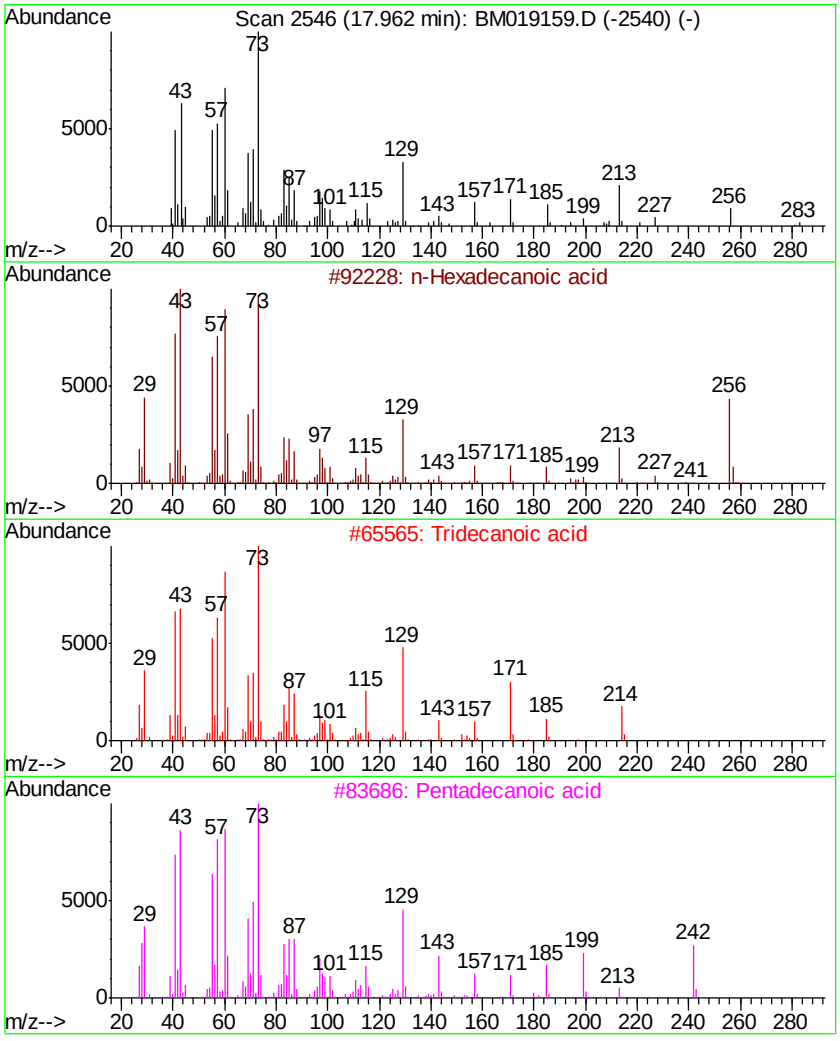
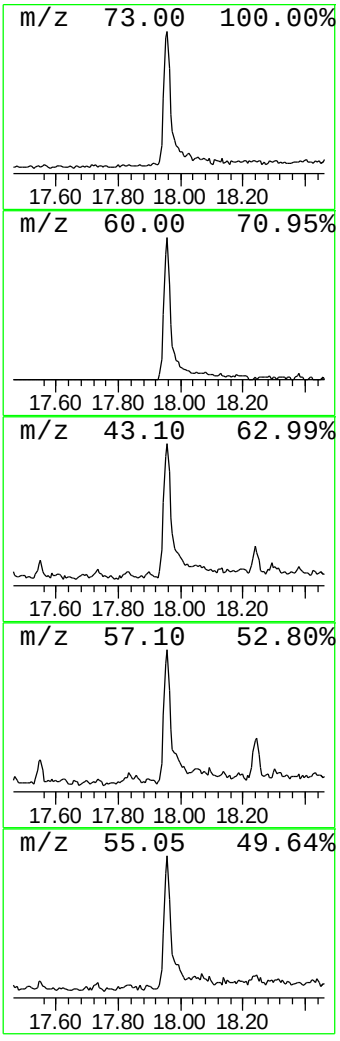
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.22 ng	376232	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	d-Glucitol, 4-O-nonyl-	308	C15H32O6	132591-06-1	27
5	Tridecane	184	C13H28	000629-50-5	11





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
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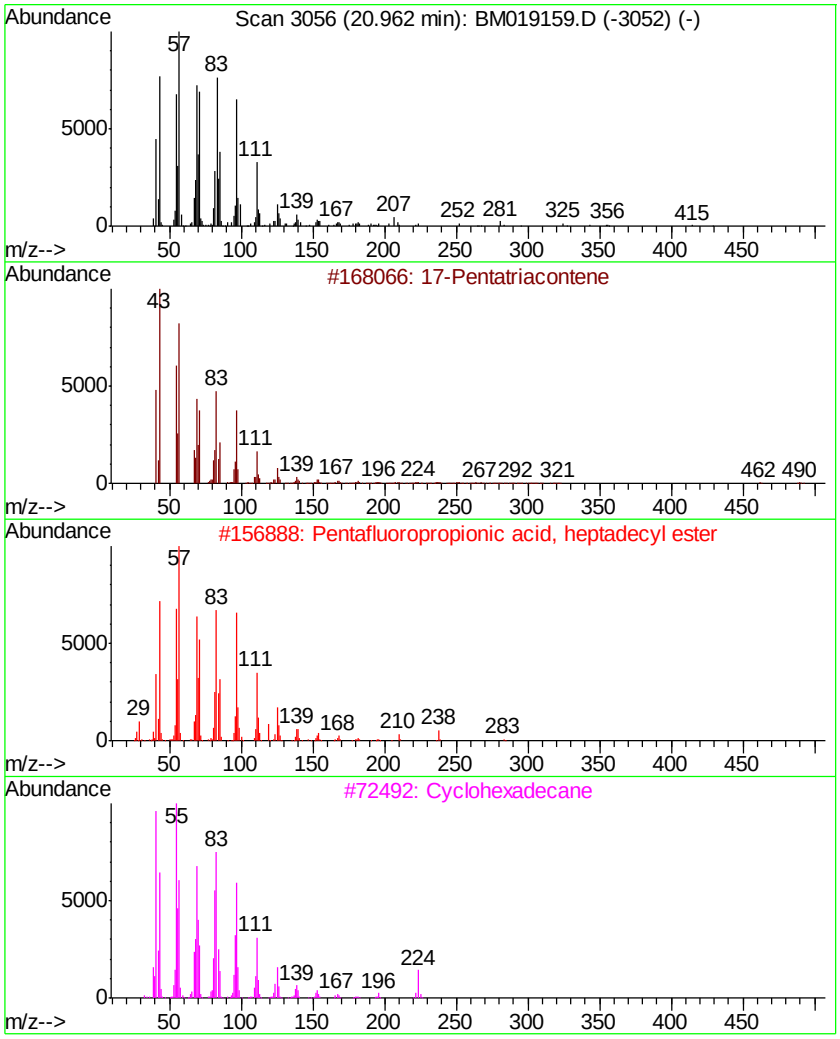
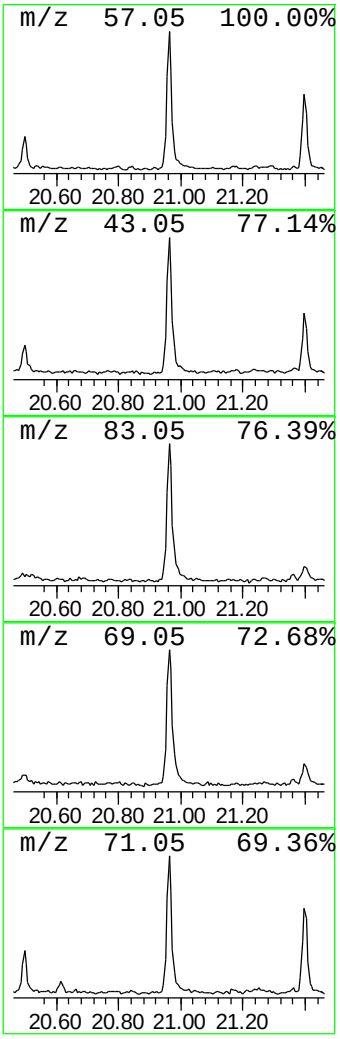
Peak Number 4 17-Pentatriacontene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.26 ng	429118	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	87
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
3	Cyclohexadecane	224	C16H32	000295-65-8	86
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83
5	1-Tricosene	322	C23H46	018835-32-0	81





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.19	7.19	87.7	ng	5161170	1	7.66	1177670	20.0
n-Hexadecanoic acid	17.96	2.2	ng	376232	4	17.07	3389330	20.0
17-Pentatriacontene	20.96	2.3	ng	429118	5	21.26	3800770	20.0