LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
Data File : BM016364.D
Acq On : 14 Aug 2018 20:51
Operator : SJ/JU
Sample : J4460-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RA-081018-FL-014

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-BM072318.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	5.169	315	320	333	rBV	74482	113791	7.02%	1.166%
2	5.646	395	401	417	rBV	482219	752435	46.41%	7.709%
3	7.287	674	680	696	rBV	496033	802433	49.50%	8.222%
4	7.645	735	741	754	rBV	536613	872006	53.79%	8.934%
5	8.116	815	821	830	rBB	147109	240271	14.82%	2.462%
6	8.434	869	875	885	rBB	397703	635295	39.19%	6.509%
7	9.298	1016	1022	1035	rBV	275007	483494	29.82%	4.954%
8	10.928	1293	1299	1313	rBB	180054	293565	18.11%	3.008%
9	13.369	1708	1714	1722	rBV	711630	972858	60.01%	9.968%
10	14.204	1852	1856	1862	rBV	44475	61663	3.80%	0.632%
11	14.751	1943	1949	1957	rVB2	253384	368045	22.70%	3.771%
12	16.239	2197	2202	2209	rBV	740978	1006383	62.08%	10.311%
13	17.486	2409	2414	2424	rBV	328390	447791	27.62%	4.588%
14	18.333	2554	2558	2567	rBV	42022	59732	3.68%	0.612%
15	19.592	2767	2772	2776	rBV4	13484	18416	1.14%	0.189%
16	20.068	2848	2853	2858	rBV	1492295	1621196	100.00%	16.611%
17	21.292	3056	3061	3068	rBV3	57322	98603	6.08%	1.010%
18	21.621	3112	3117	3123	rBV	393303	484681	29.90%	4.966%
19	23.944	3507	3512	3522	rVB	219980	427336	26.36%	4.378%

Sum of corrected areas: 9759994

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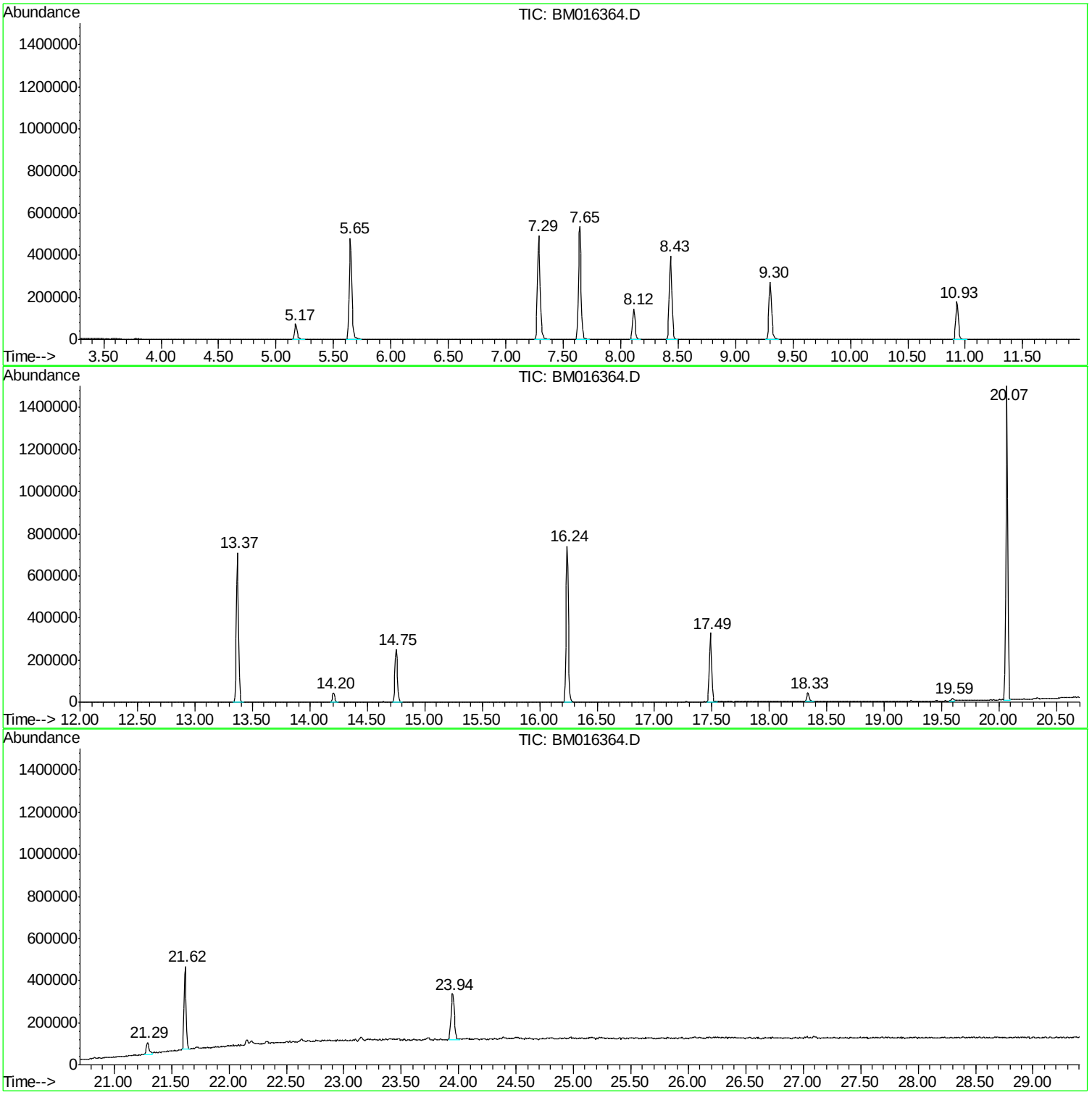
BNA_M
ClientSampleId :
RA-081018-FL-014

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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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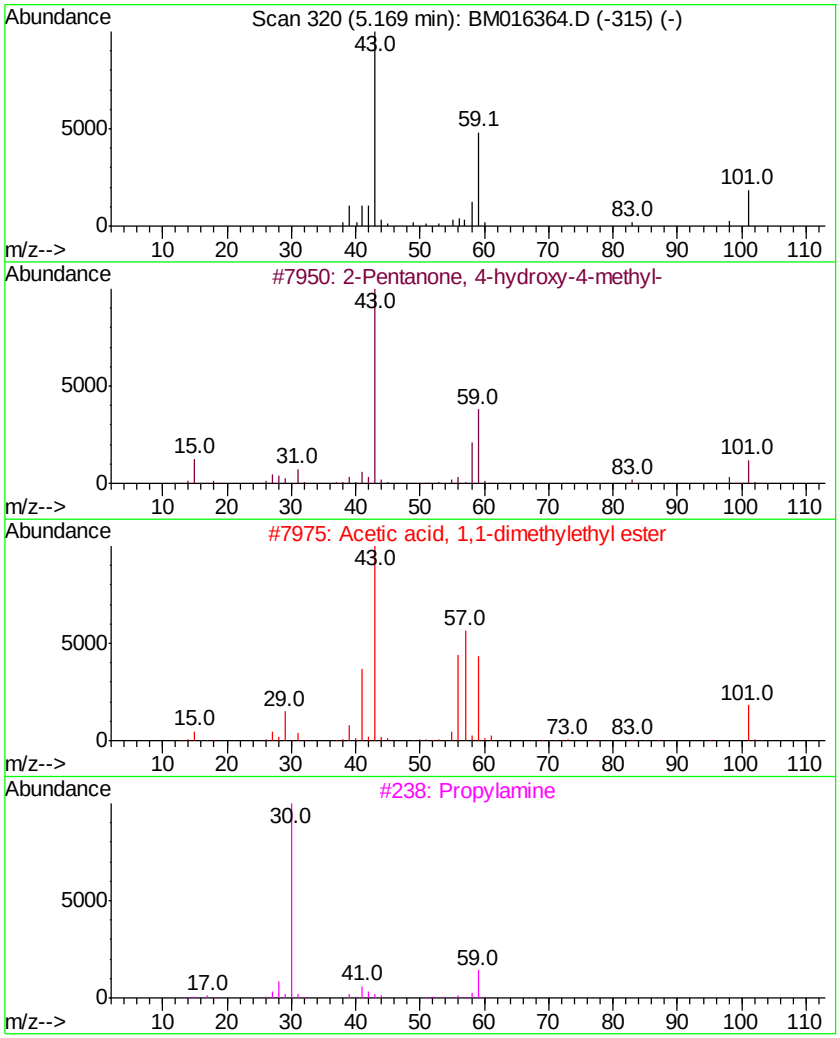
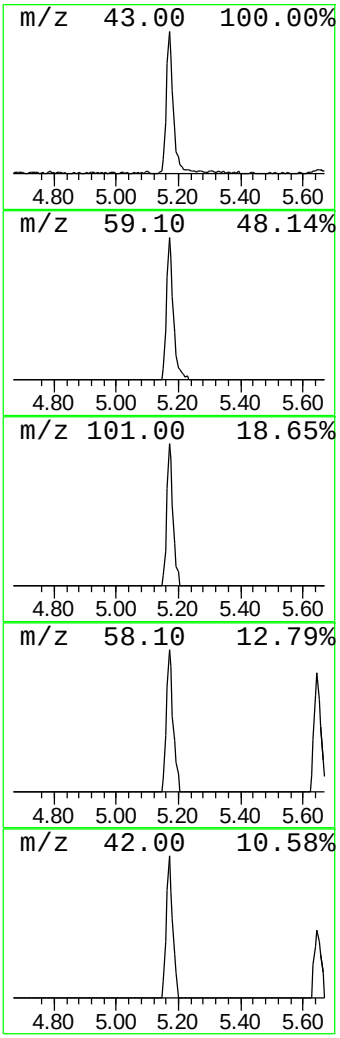
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	9.47 ng	113791	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
3	Propylamine	59	C3H9N	000107-10-8	40
4	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	36
5	Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	25





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Instrument : BNA_M
ClientSampleId : RA-081018-FL-014

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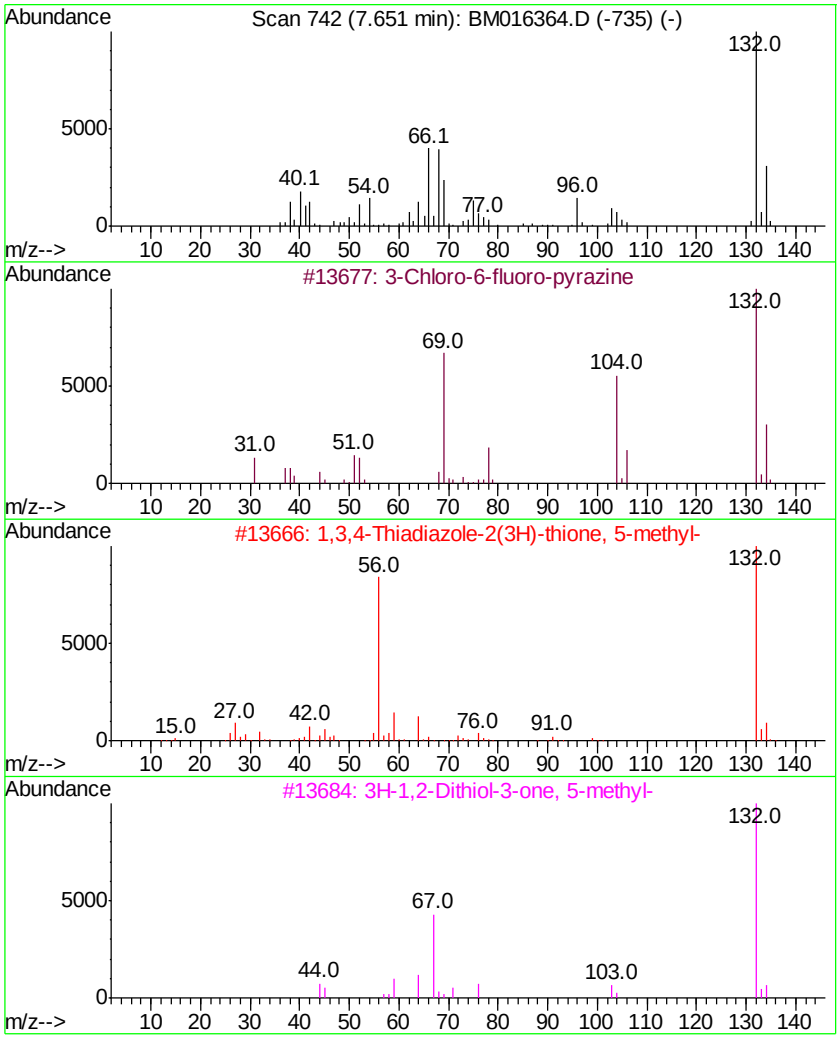
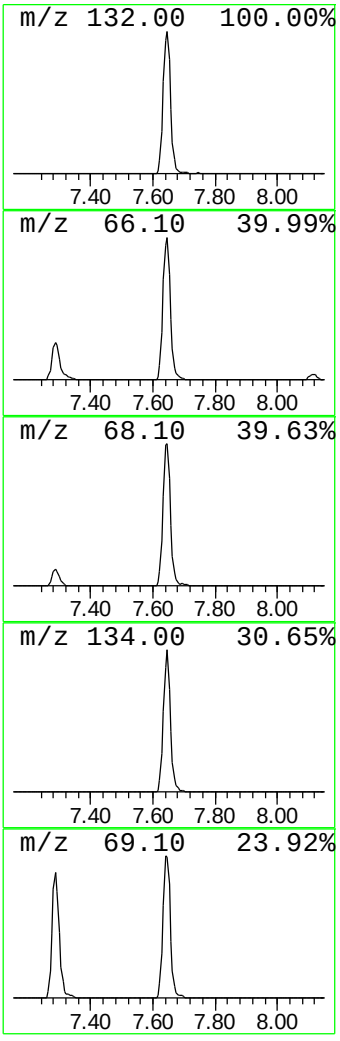
Peak Number 2 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	72.59 ng	872006	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Instrument : BNA_M
ClientSampleId : RA-081018-FL-014

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
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TIC Library : C:\DATABASE\NIST02.L
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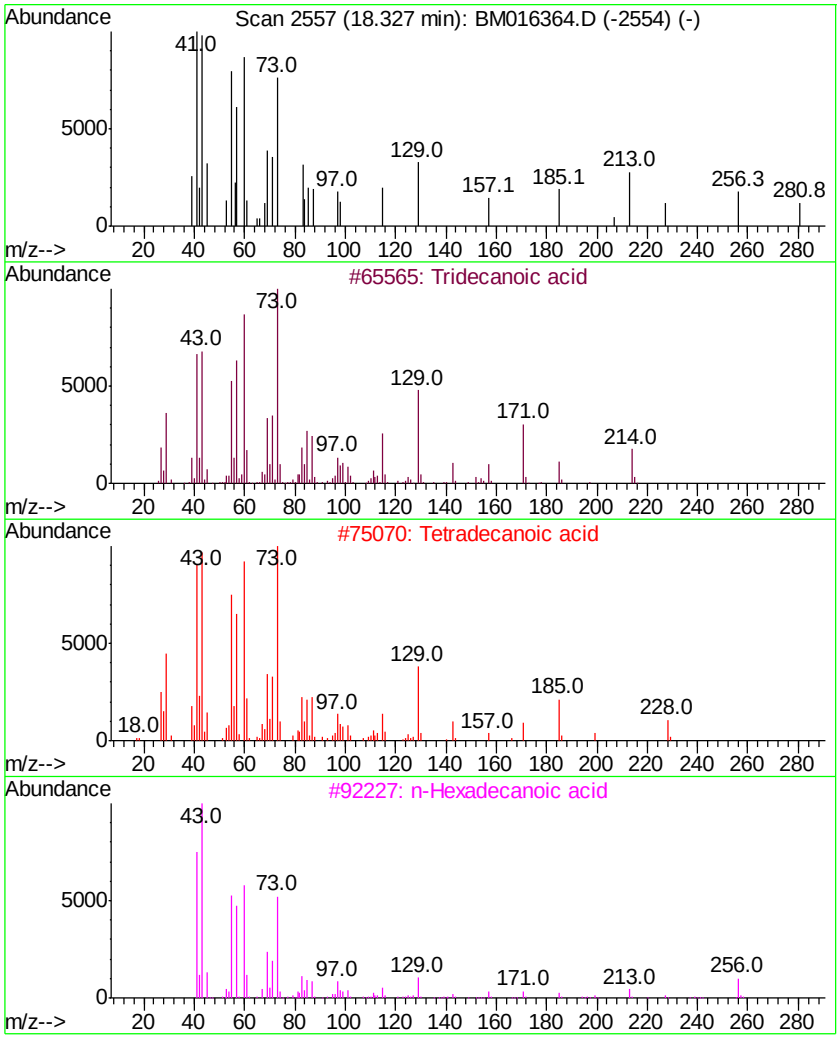
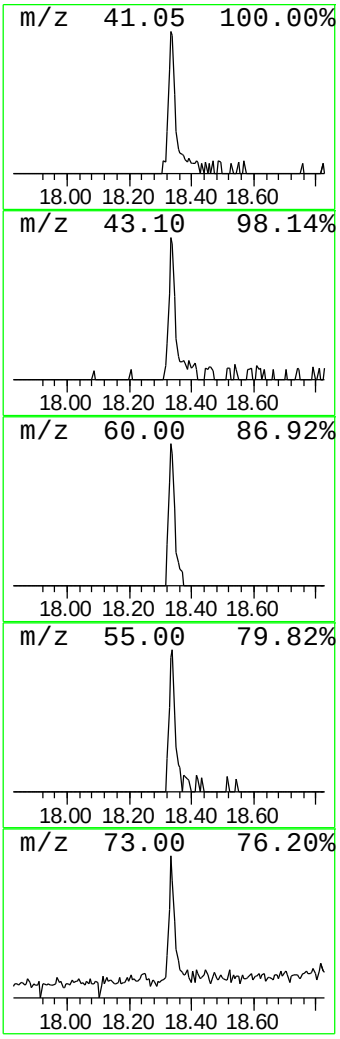
Peak Number 4 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.67 ng	59732	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	72
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	47





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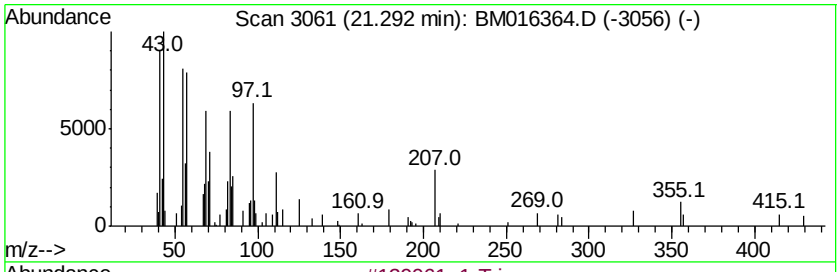
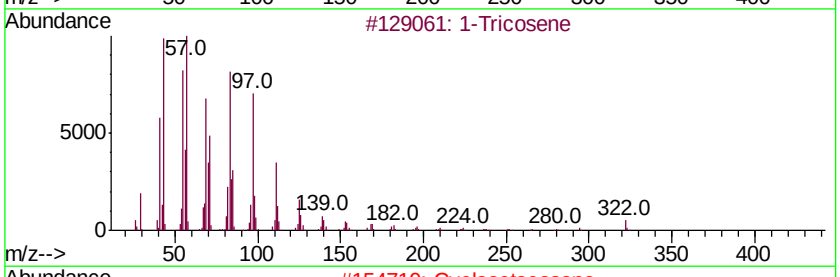
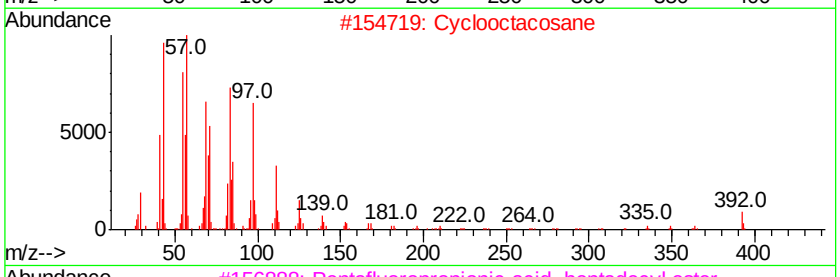
Peak Number 5 1-Tricosene Concentration Rank 4

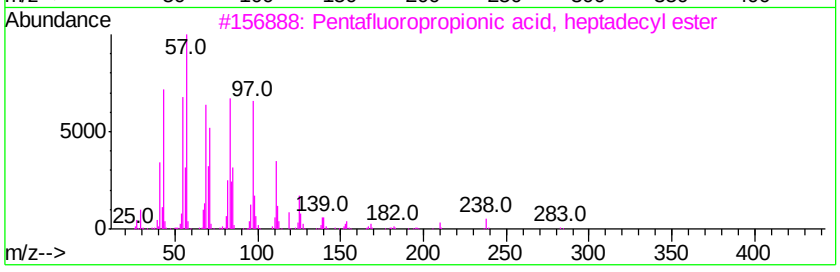
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	4.07 ng	98603	Chrysene-d12	21.62

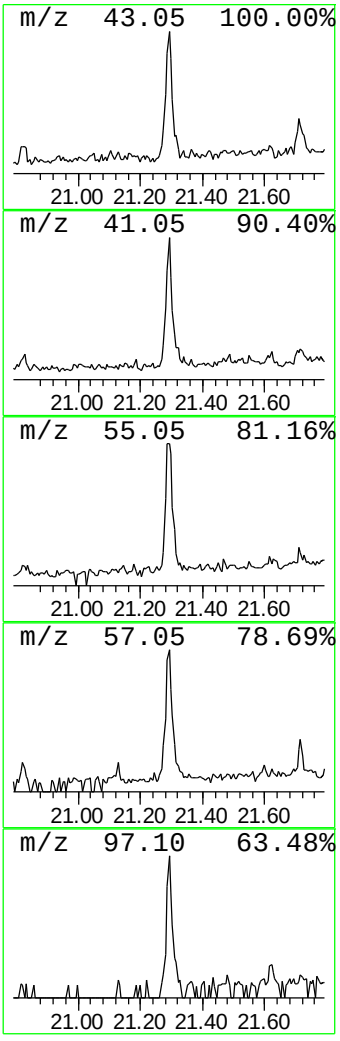
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	68
2	Cyclooctacosane	392	C28H56	000297-24-5	68
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	68
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	64
5	1-Eicosene	280	C20H40	003452-07-1	64











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...	5.17	9.5	ng	113791	1	8.12	240271	20.0
unknown7.65	7.65	72.6	ng	872006	1	8.12	240271	20.0
Tridecanoic acid	18.33	2.7	ng	59732	4	17.49	447791	20.0
1-Tricosene	21.29	4.1	ng	98603	5	21.62	484681	20.0