LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
Data File : BM018243.D
Acq On : 17 Dec 2018 11:33
Operator : JU/SJ
Sample : J6379-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS004-0612-01

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-BM121518.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	4.687	302	306	314	rVB	107603	143406	2.52%	0.346%
2	5.128	375	381	397	rBV	2974405	4074014	71.68%	9.829%
3	6.698	640	648	659	rBV	2815256	4506505	79.29%	10.873%
4	7.034	698	705	719	rBV	2924948	4573012	80.46%	11.033%
5	7.493	777	783	790	rBV	519835	782436	13.77%	1.888%
6	7.804	829	836	848	rBV	2113576	3444306	60.60%	8.310%
7	8.651	972	980	1001	rBV	1529629	2652234	46.67%	6.399%
8	10.263	1246	1254	1271	rBV	541681	1017520	17.90%	2.455%
9	12.763	1672	1679	1691	rBV	3732445	5683478	100.00%	13.712%
10	13.633	1821	1827	1834	rBV	120664	205599	3.62%	0.496%
11	14.151	1909	1915	1927	rBV2	776055	1193573	21.00%	2.880%
12	15.663	2163	2172	2190	rBV	2408076	3667591	64.53%	8.849%
13	16.915	2379	2385	2392	rBV2	761346	1166507	20.52%	2.814%
14	17.827	2536	2540	2548	rBV2	158090	235804	4.15%	0.569%
15	19.127	2756	2761	2768	rBV5	55096	92806	1.63%	0.224%
16	19.568	2831	2836	2845	rBV	4010897	5281436	92.93%	12.742%
17	20.862	3052	3056	3063	rBV2	141170	192029	3.38%	0.463%
18	21.139	3098	3103	3113	rBV2	890307	1280055	22.52%	3.088%
19	21.721	3200	3202	3205	rBV3	46382	57270	1.01%	0.138%
20	23.297	3465	3470	3478	rVB	643183	1198760	21.09%	2.892%

Sum of corrected areas: 41448341

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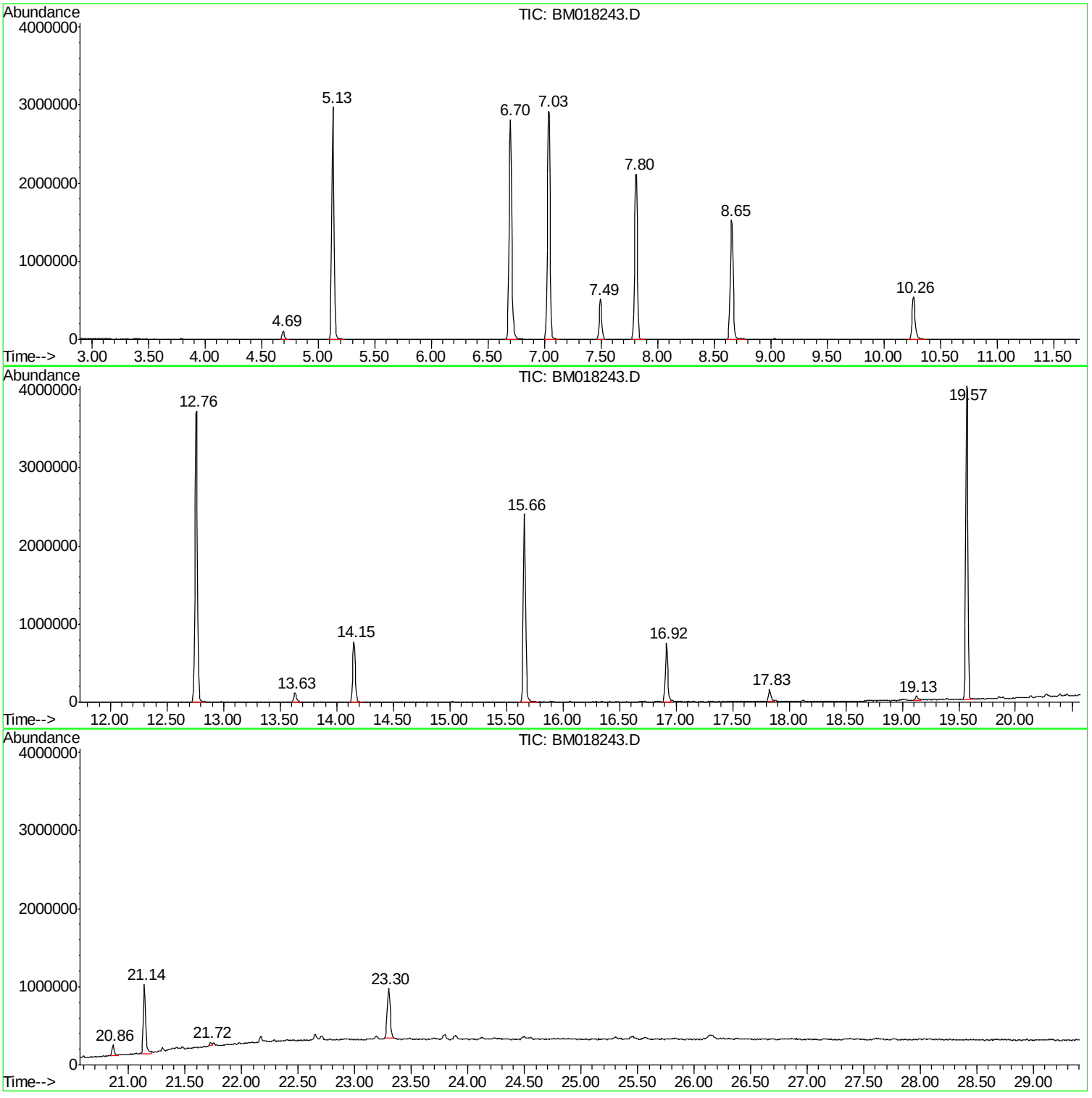
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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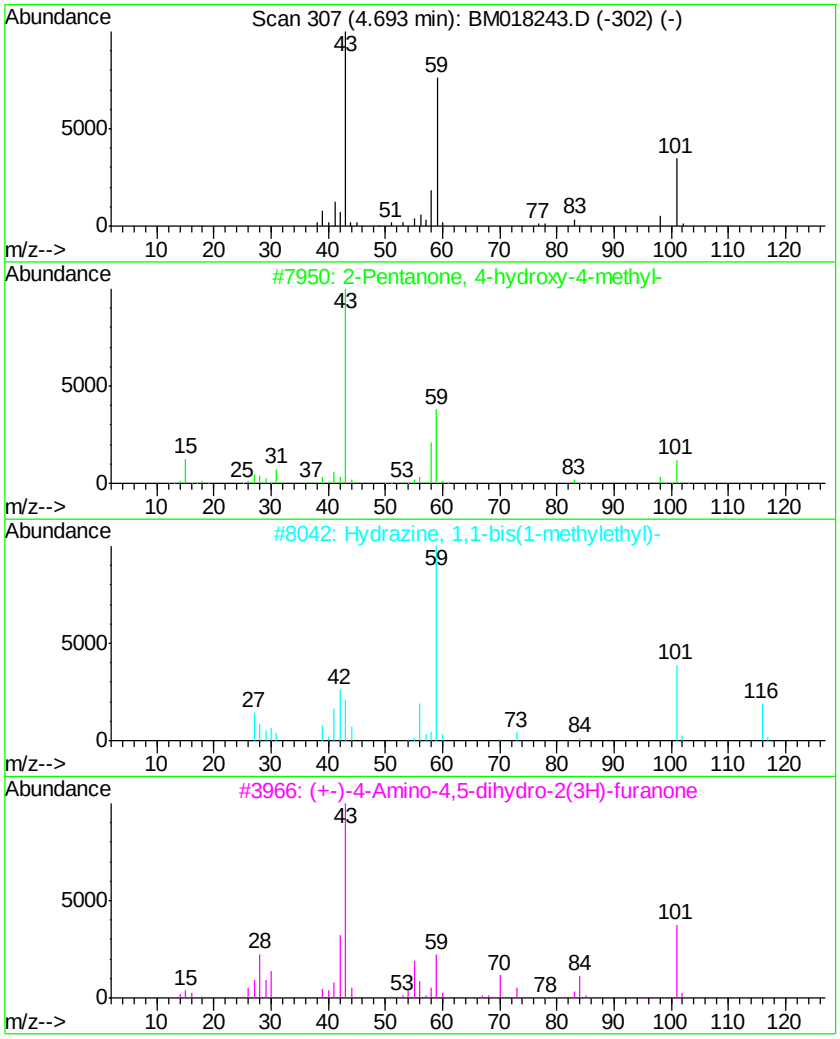
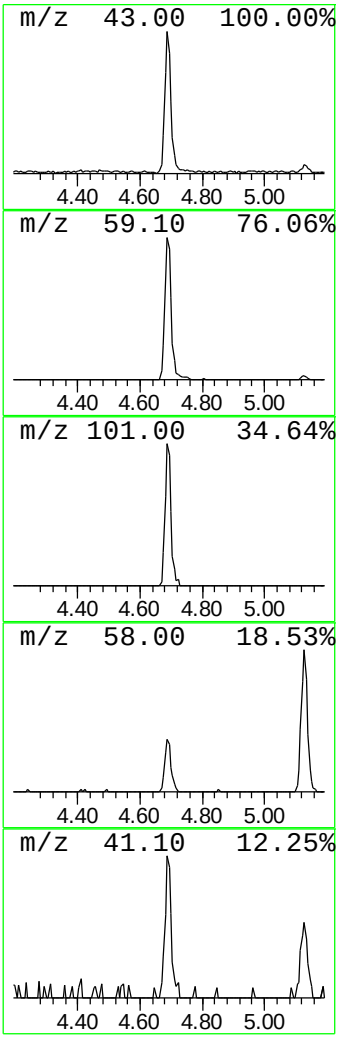
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	3.67 ng	143406	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	47
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
4	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
5	Dimethadione	129	C5H7NO3	000695-53-4	28





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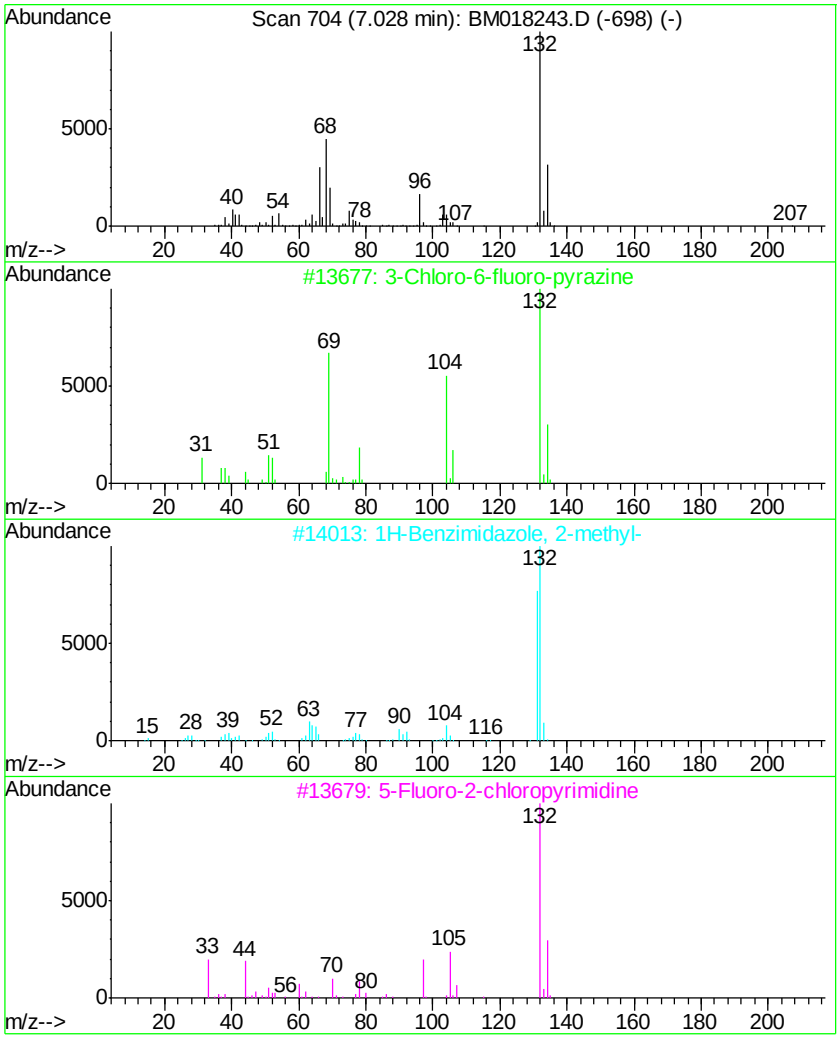
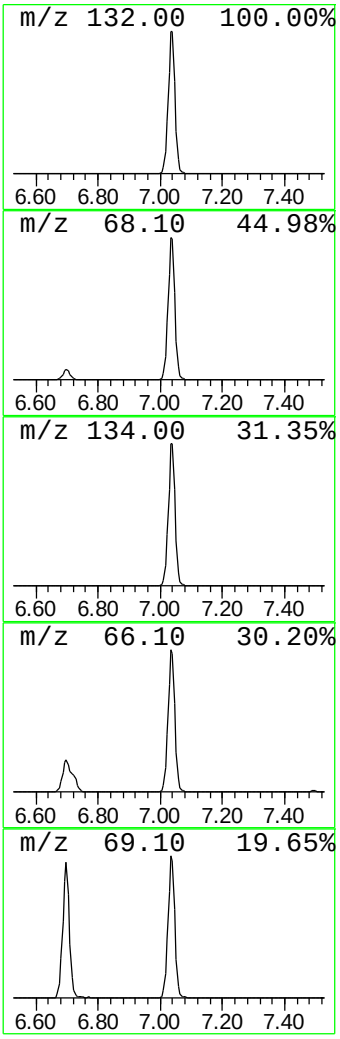
Peak Number 2 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	116.89 ng	4573010	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Sample : J6379-07
Misc :
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Instrument : BNA_M
ClientSampleId : P001-SS004-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
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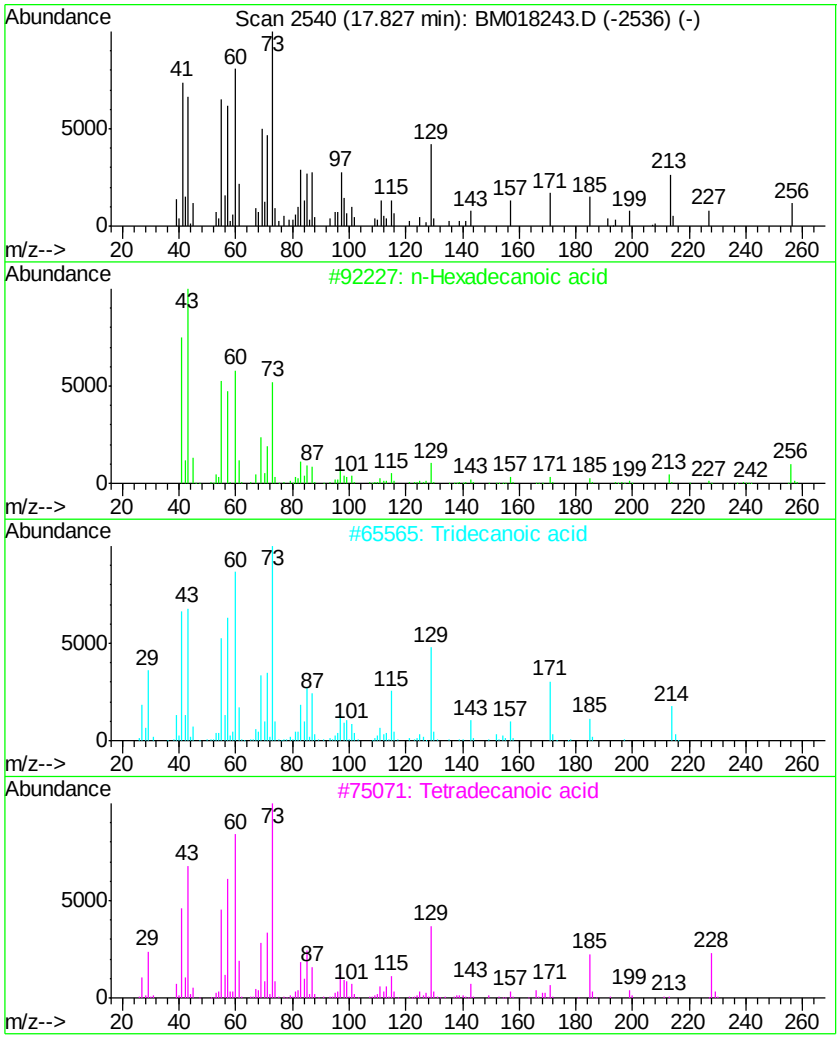
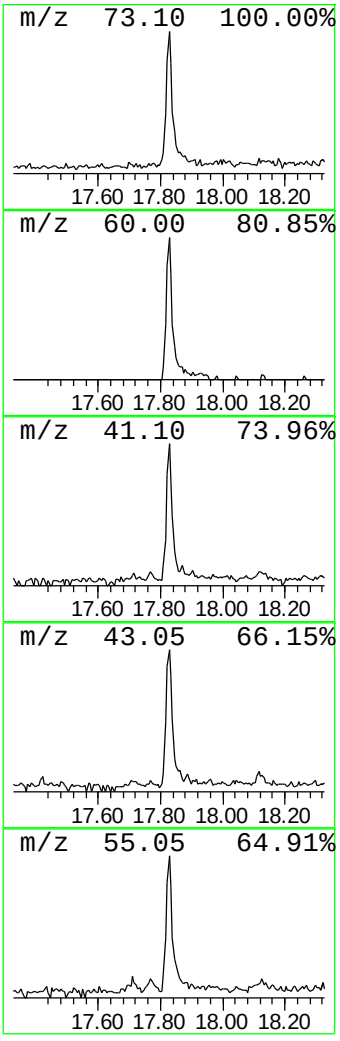
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	4.04 ng	235804	Phenanthrene-d10	16.92

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	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	35





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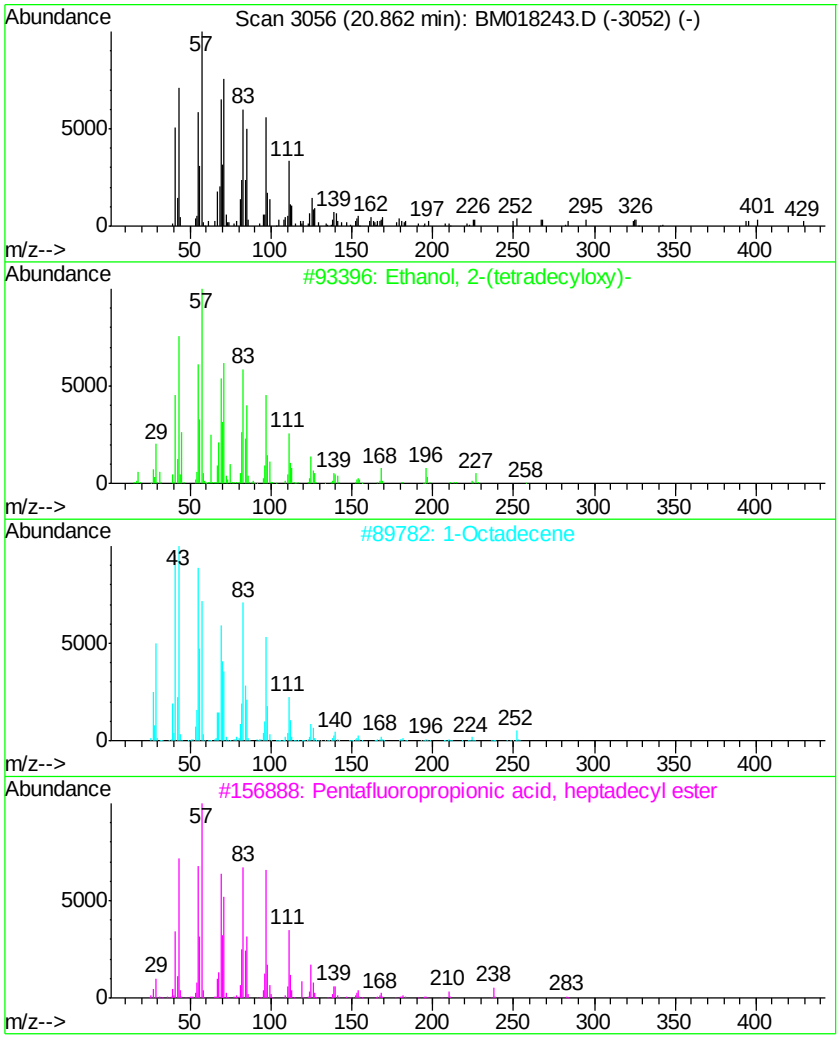
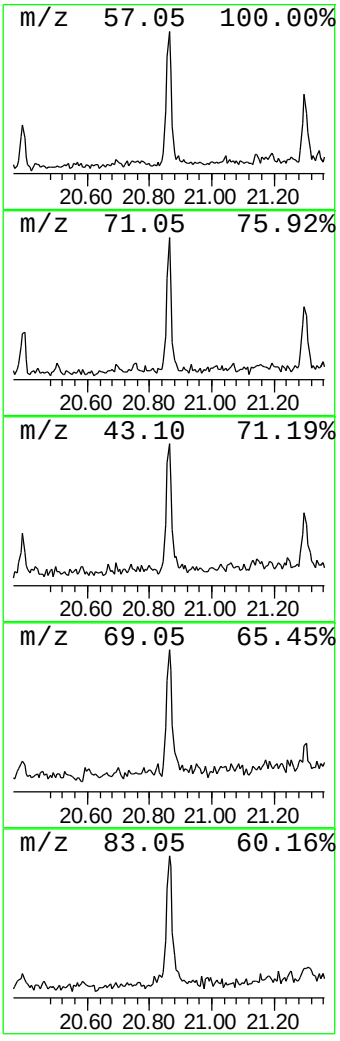
Peak Number 5 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	3.00 ng	192029	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	1-Octadecene	252	C18H36	000112-88-9	86
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	70
4	E-7-Octadecene	252	C18H36	1000130-92-0	70
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	70





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
2-Pentanone, 4-hy...	4.69	3.7	ng	143406	1	7.49	782436	20.0
unknown7.03	7.03	116.9	ng	4573010	1	7.49	782436	20.0
n-Hexadecanoic acid	17.83	4.0	ng	235804	4	16.92	1166510	20.0
Ethanol, 2-(tetra...	20.86	3.0	ng	192029	5	21.14	1280060	20.0