LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
Data File : BF086738.D
Acq On : 6 May 2016 21:59
Operator : UM/SJ
Sample : H2770-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW25

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:\HPCHEM1\BNA_F\METHODS\8270-BF050416.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	4.898	244	246	253	rBV	67558	105809	1.99%	0.284%
2	5.310	280	282	296	rBV	2035533	2148293	40.33%	5.774%
3	6.361	372	374	380	rBV	1403603	1434305	26.92%	3.855%
4	6.476	382	384	387	rBV	3738969	3904678	73.29%	10.495%
5	6.704	402	404	406	rBV	1185067	1114101	20.91%	2.994%
6	6.864	415	418	420	rBV	3194881	3832803	71.95%	10.302%
7	7.276	451	454	457	rBV	2840864	3153824	59.20%	8.477%
8	7.996	514	517	519	rBV	1116366	1422050	26.69%	3.822%
9	9.070	608	611	614	rBV	4936910	5327389	100.00%	14.319%
10	9.470	644	646	653	rBV	58507	73384	1.38%	0.197%
11	9.745	667	670	672	rBV	1424989	1594279	29.93%	4.285%
12	10.179	704	708	710	rBV	89878	97700	1.83%	0.263%
13	10.533	736	739	741	rBV	3426799	3738508	70.18%	10.048%
14	10.648	748	749	753	rVB	91183	112113	2.10%	0.301%
15	11.093	786	788	794	rVB2	56995	84502	1.59%	0.227%
16	11.219	797	799	803	rBV	1654643	1527152	28.67%	4.105%
17	11.768	845	847	854	rBV2	118557	202731	3.81%	0.545%
18	12.545	913	915	920	rBV	162127	194099	3.64%	0.522%
19	12.636	921	923	926	rVB	62720	61130	1.15%	0.164%
20	12.808	935	938	940	rBV	4482310	4582941	86.03%	12.318%
21	13.379	986	988	993	rBV2	53399	79273	1.49%	0.213%
22	13.711	1014	1017	1019	rBV	126898	184947	3.47%	0.497%
23	13.848	1027	1029	1040	rBV	1124626	1230512	23.10%	3.307%
24	14.328	1069	1071	1073	rBV	45107	53806	1.01%	0.145%
25	14.625	1095	1097	1099	rBV	43358	54067	1.01%	0.145%
26	15.231	1147	1150	1157	rBV	684938	890585	16.72%	2.394%

Sum of corrected areas: 37204981

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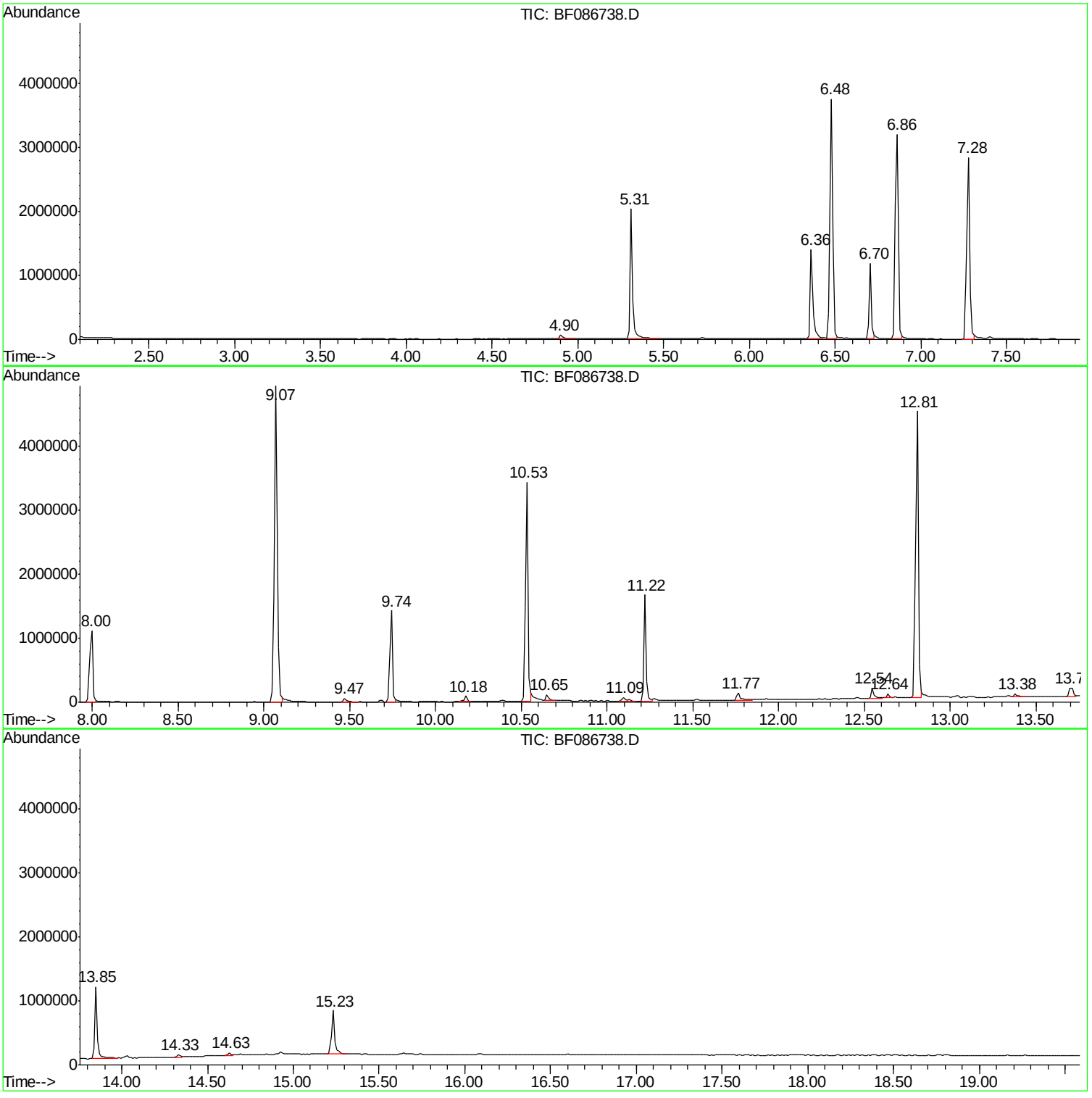
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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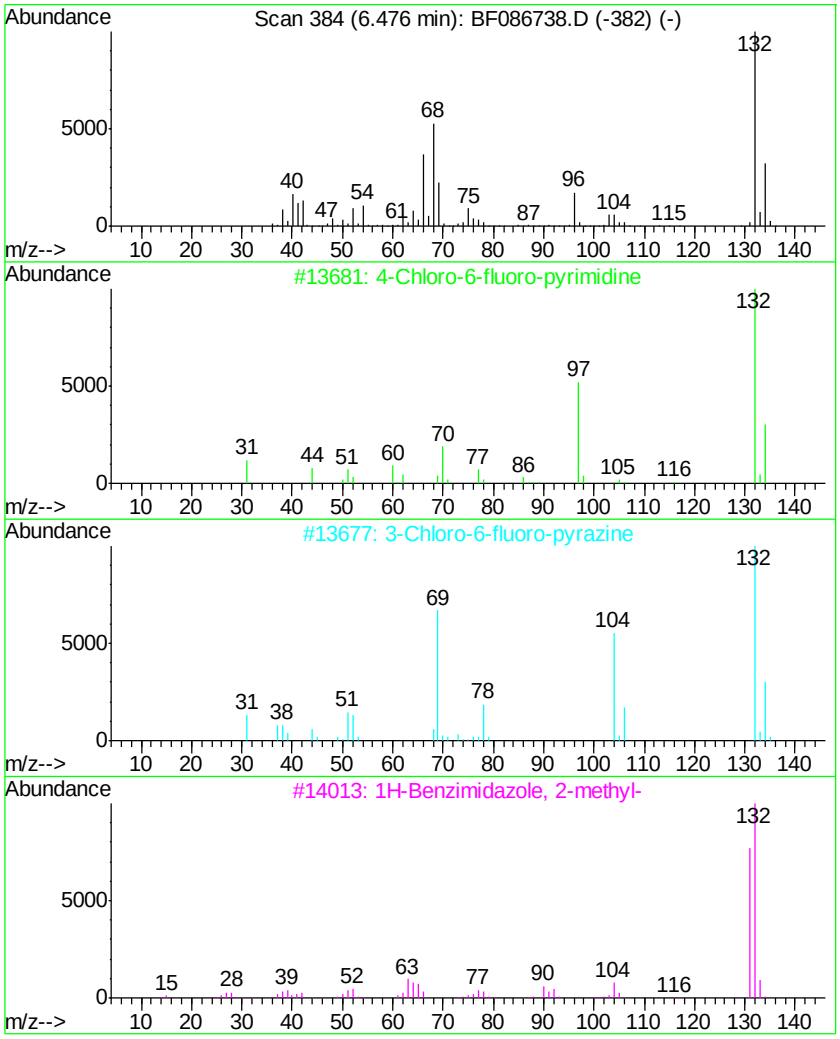
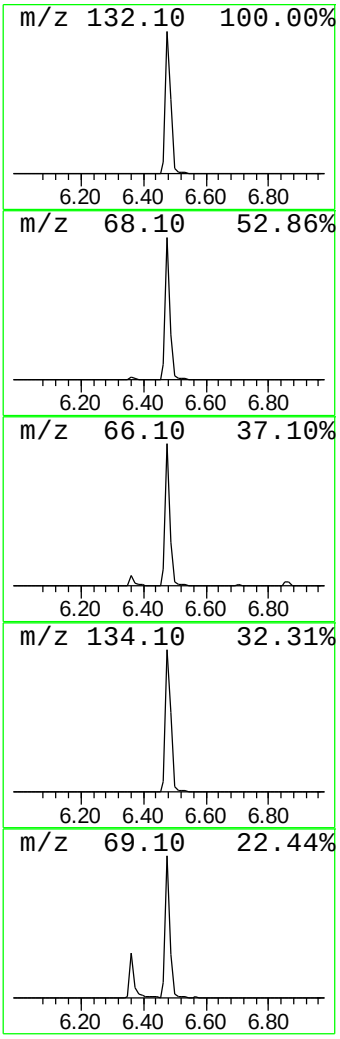
Peak Number 1 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	140.19 ng	3904680	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22





Library Search Compound Report

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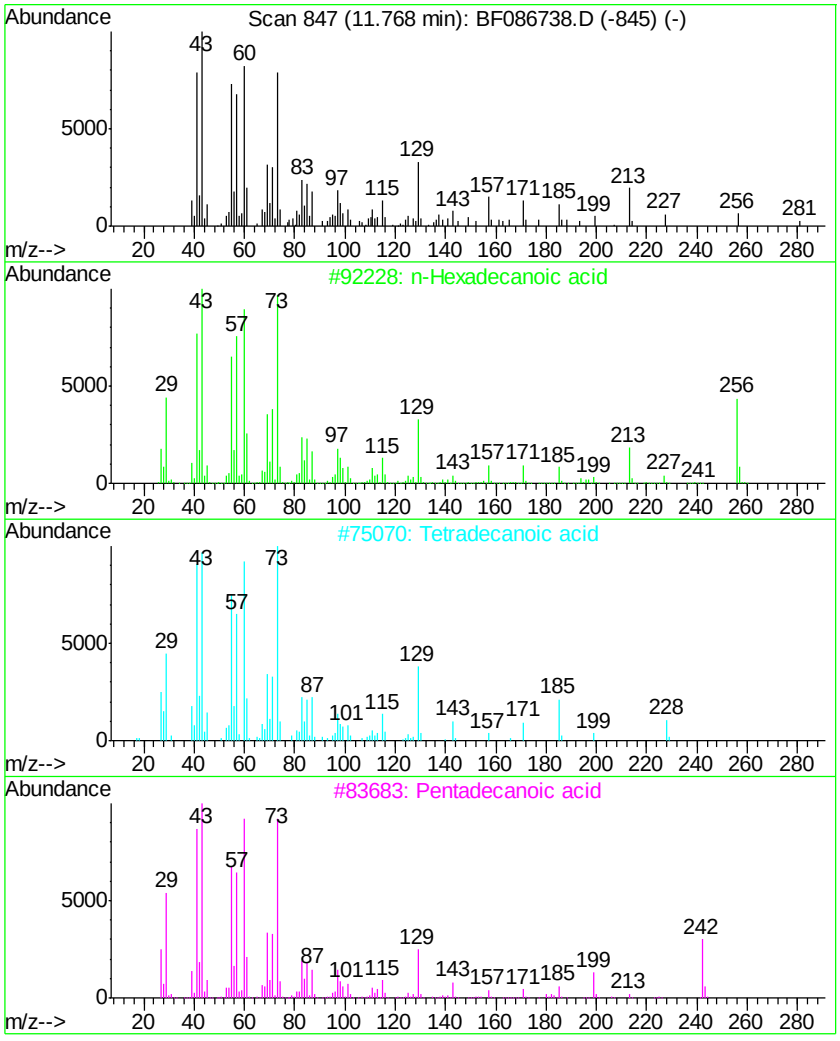
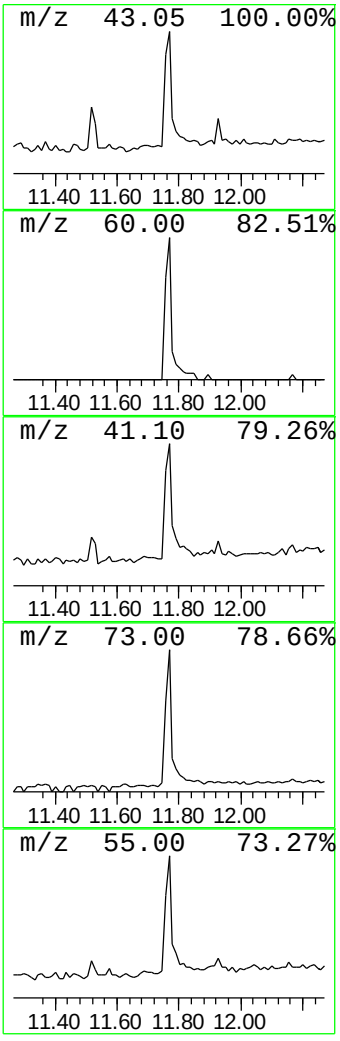
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	5.31 ng	202731	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW25

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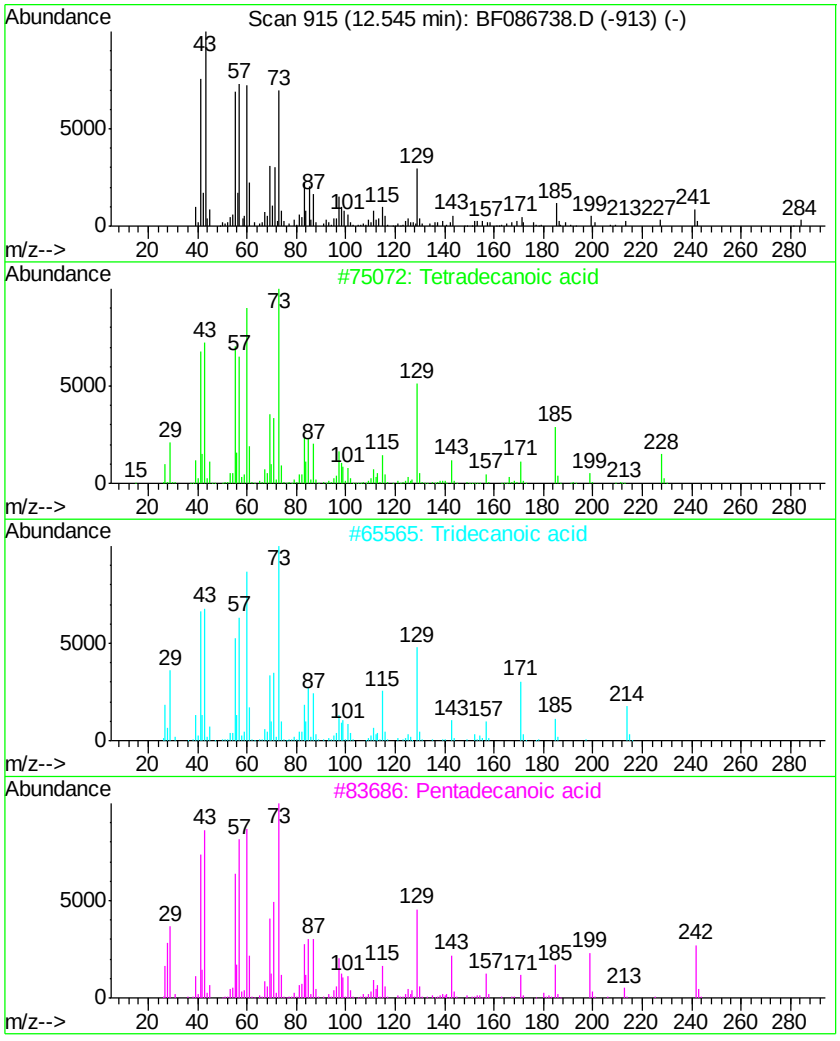
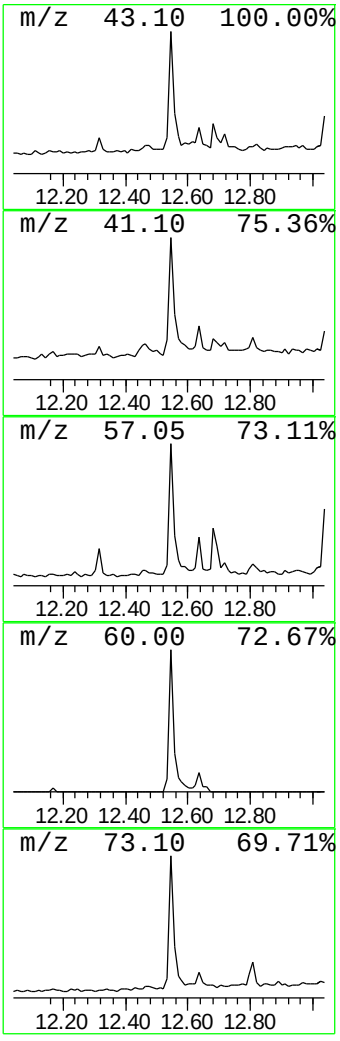
Peak Number 4 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	6.31 ng	194099	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





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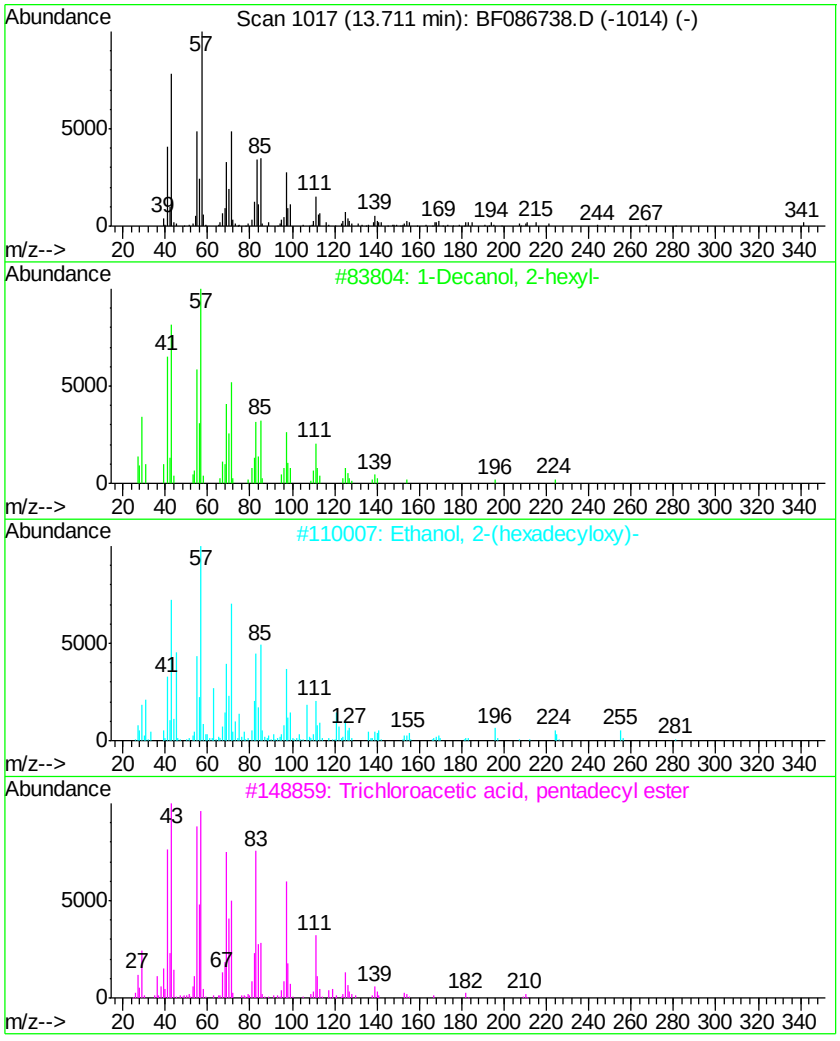
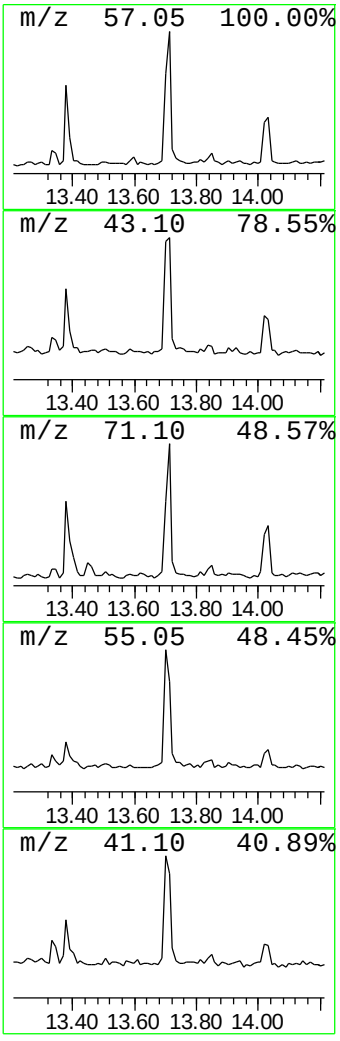
Peak Number 5 1-Decanol, 2-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	6.01 ng	184947	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
2	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	72
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	70
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	70
5	17-Pentatriacontene	491	C35H70	006971-40-0	62





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
unknown6.48	6.48	140.2	ng	3904680	1	6.70	1114100	40.0
n-Hexadecanoic acid	11.77	5.3	ng	202731	4	11.22	1527150	40.0
Tetradecanoic acid	12.54	6.3	ng	194099	5	13.85	1230510	40.0
1-Decanol, 2-hexyl-	13.71	6.0	ng	184947	5	13.85	1230510	40.0