LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091400.D
Acq On : 2 Dec 2016 20:20
Operator : UM/SJ
Sample : H5819-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 113016-08

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-BF112916.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	5.041	238	241	247	rBV	1244624	1909013	35.76%	3.809%
2	5.464	275	278	280	rBV	4485461	4967040	93.06%	9.911%
3	6.493	364	368	370	rBV	4284028	5337720	100.00%	10.650%
4	6.630	377	380	382	rBV	4110513	4812810	90.17%	9.603%
5	6.859	397	400	402	rBV	1617828	1344724	25.19%	2.683%
6	7.019	411	414	416	rBV	3434854	3520520	65.96%	7.024%
7	7.419	446	449	452	rBV	2629588	2689136	50.38%	5.366%
8	8.139	510	512	515	rBV	1556545	1701636	31.88%	3.395%
9	9.225	604	607	609	rBV	5224913	5100189	95.55%	10.176%
10	9.613	639	641	643	rBV	646437	535742	10.04%	1.069%
11	9.807	655	658	659	rBV	32005	56812	1.06%	0.113%
12	9.899	663	666	668	rVB	2420189	2132578	39.95%	4.255%
13	10.333	703	704	706	rVB	115344	107921	2.02%	0.215%
14	10.562	721	724	726	rBV	40583	66364	1.24%	0.132%
15	10.688	732	735	737	rBV	3334923	3650609	68.39%	7.284%
16	10.813	744	746	750	rVB	139189	196406	3.68%	0.392%
17	11.259	783	785	786	rBV	147081	123791	2.32%	0.247%
18	11.385	793	796	798	rBV	1701170	2090261	39.16%	4.171%
19	11.682	820	822	824	rBV	82878	67801	1.27%	0.135%
20	11.911	840	842	851	rVB3	448968	529282	9.92%	1.056%
21	12.619	899	904	909	rBV2	26881	65737	1.23%	0.131%
22	12.699	909	911	917	rVV	159250	188334	3.53%	0.376%
23	12.974	932	935	937	rBV	3831031	5052447	94.66%	10.081%
24	13.865	1011	1013	1020	rBV	343868	353964	6.63%	0.706%
25	14.014	1023	1026	1028	rBV	2002310	1901761	35.63%	3.795%
26	14.505	1067	1069	1072	rBV	37695	61258	1.15%	0.122%
27	14.871	1098	1101	1105	rVB	149344	153031	2.87%	0.305%
28	15.122	1121	1123	1128	rBV4	23363	59954	1.12%	0.120%
29	15.442	1148	1151	1154	rBV	1103646	1341164	25.13%	2.676%

Sum of corrected areas: 50118005

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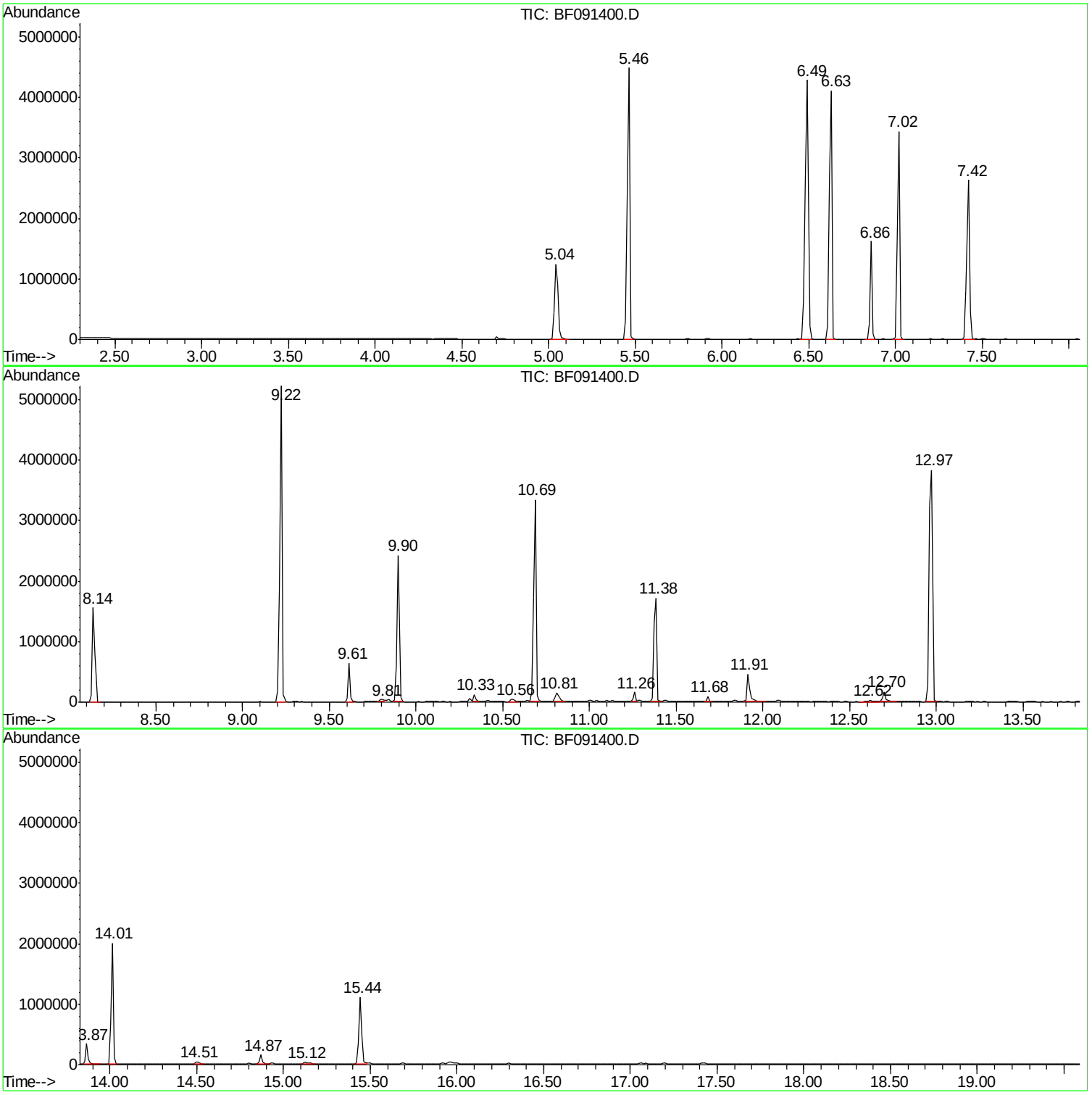
113016-08

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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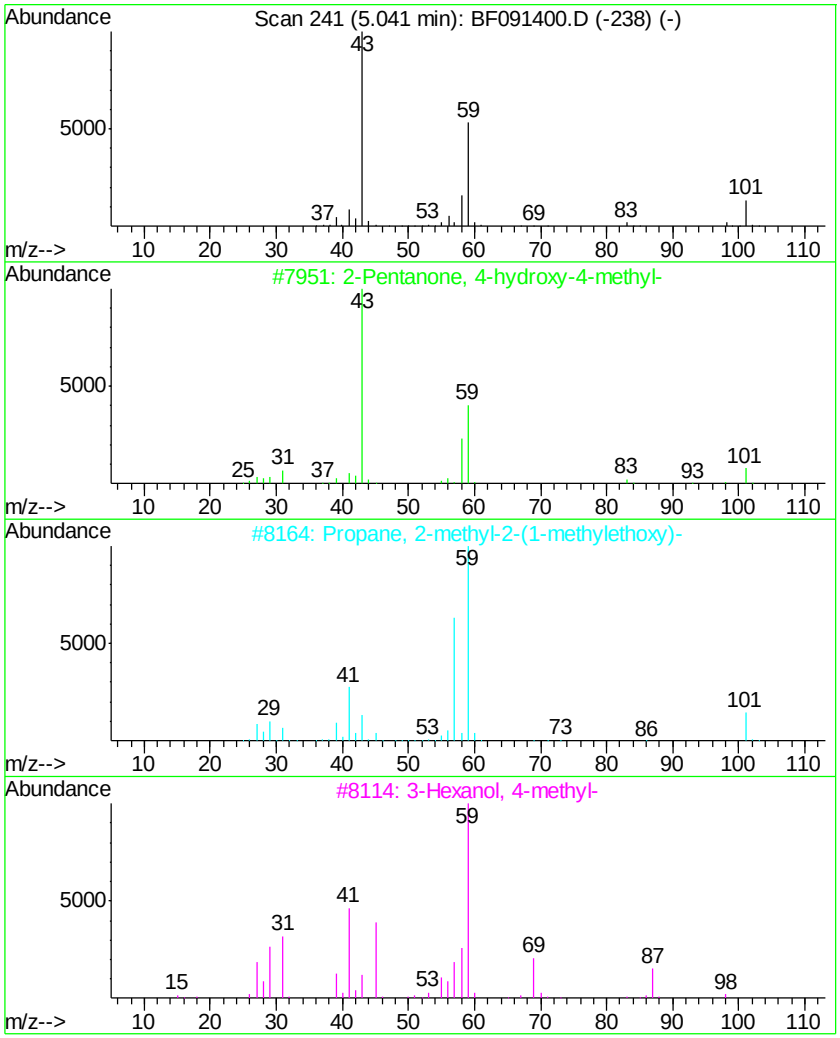
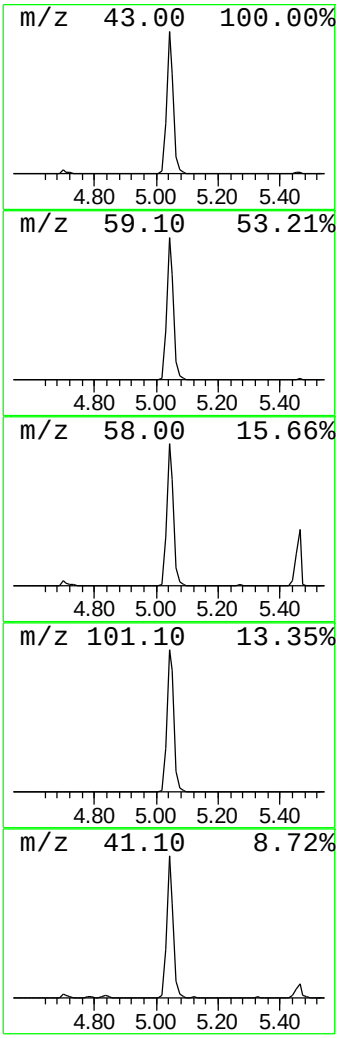
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	28.39 ng	1909010	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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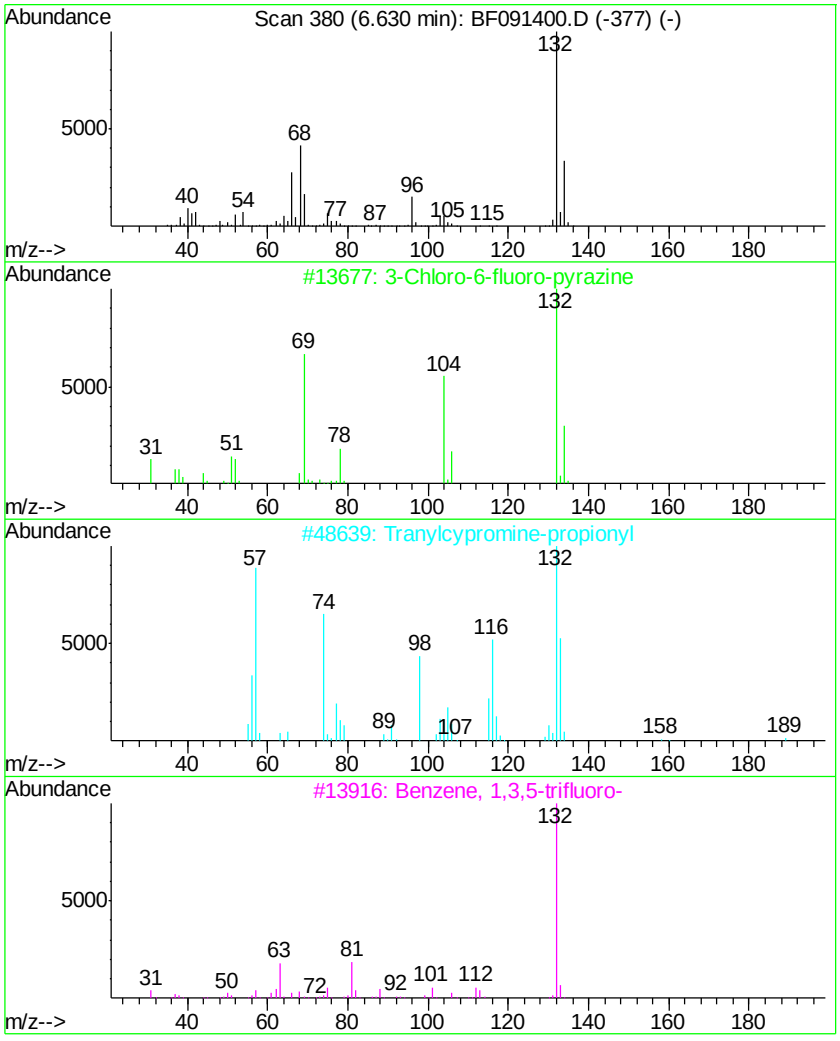
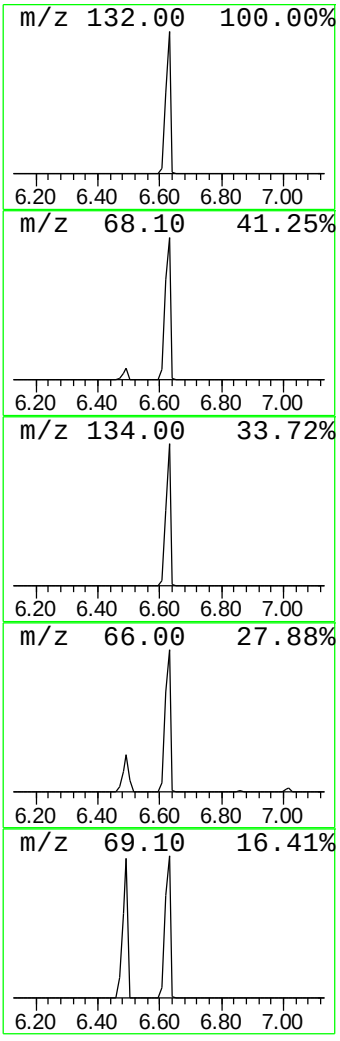
Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	71.58 ng	4812810	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	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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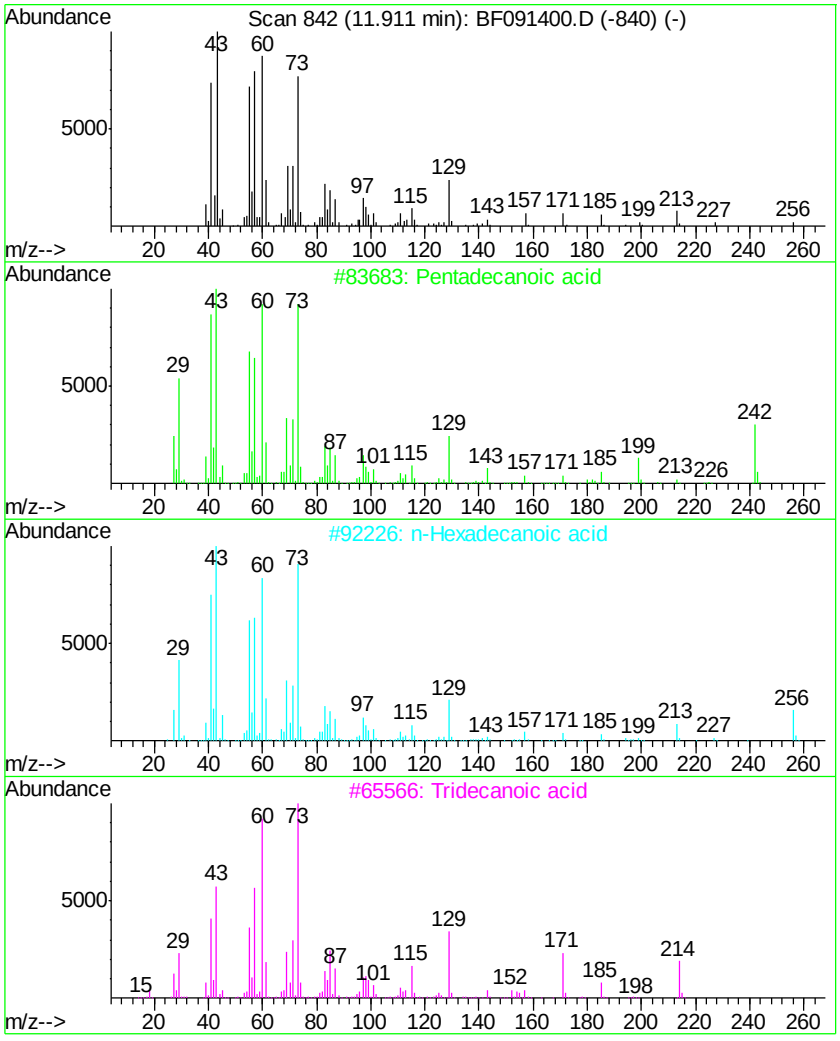
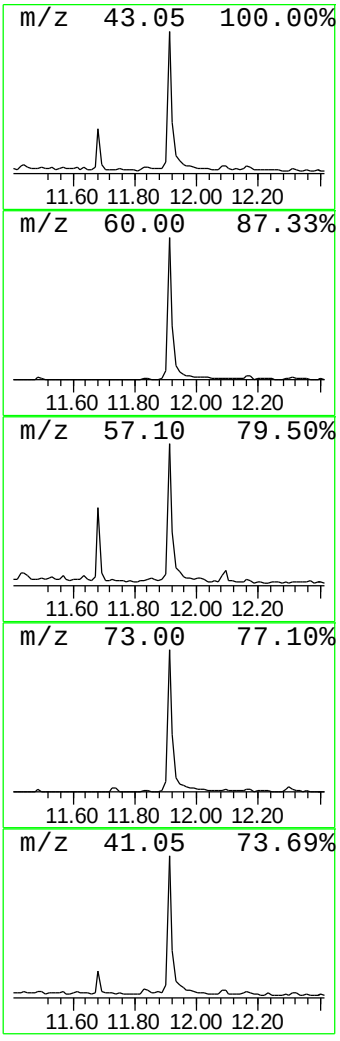
Peak Number 4 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	5.06 ng	529282	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





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Instrument : BNA_F
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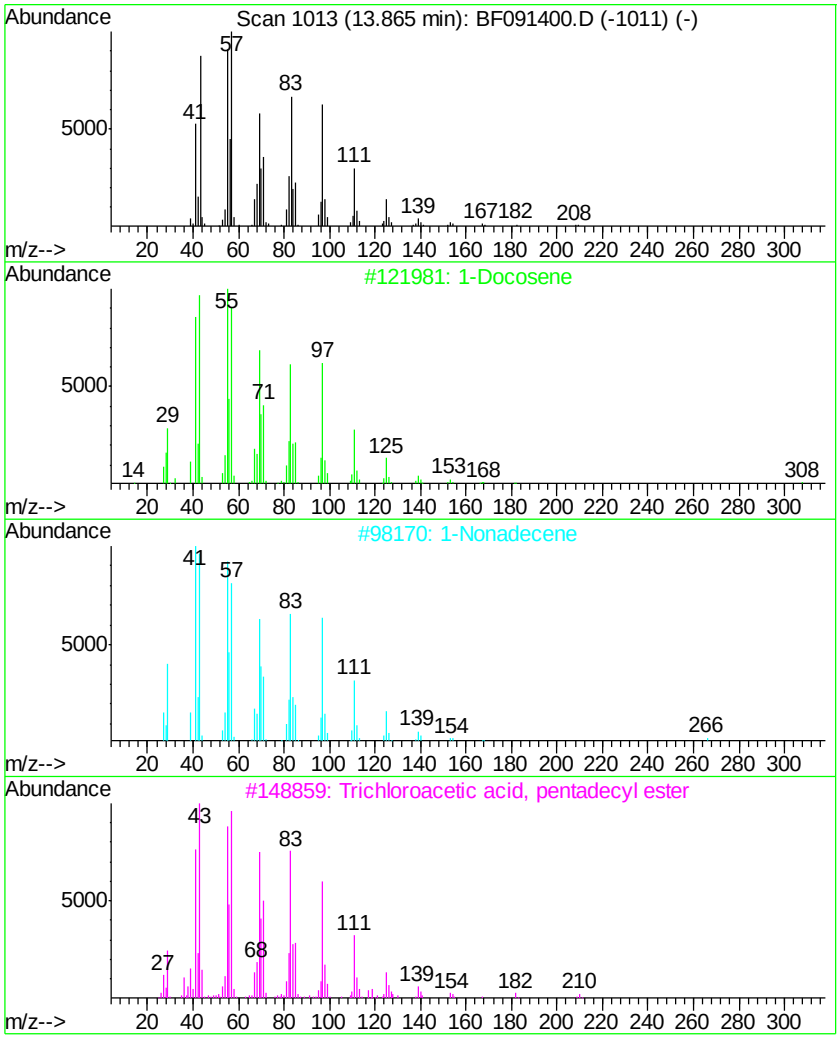
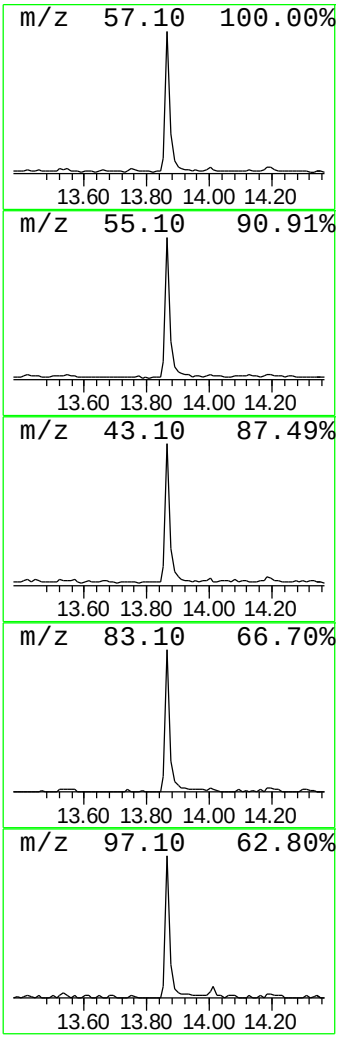
Peak Number 5 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.72 ng	353964	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	90
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87





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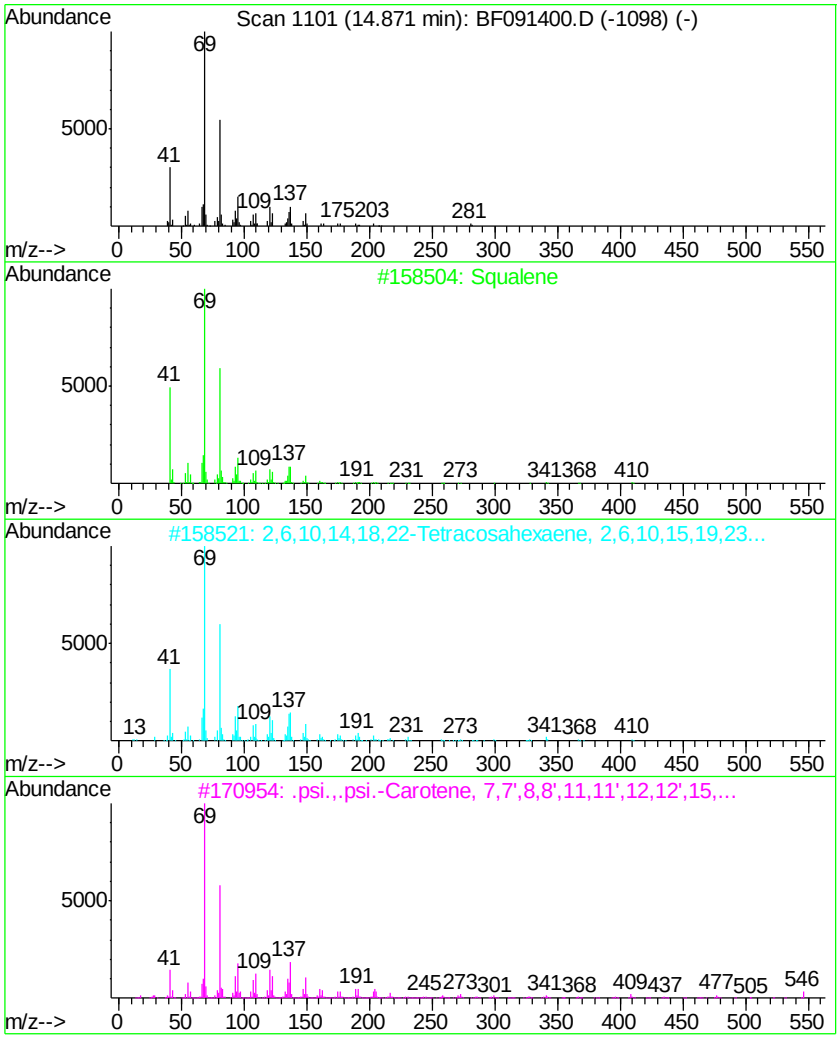
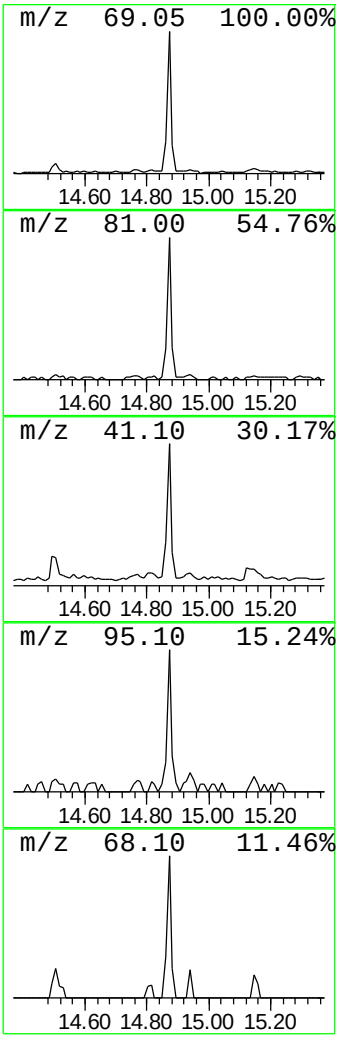
Peak Number 6 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.28 ng	153031	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	78
5	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	78





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.04	28.4	ng	1909010	1	6.86	1344720	20.0
unknown6.63	6.63	71.6	ng	4812810	1	6.86	1344720	20.0
Pentadecanoic acid	11.91	5.1	ng	529282	4	11.38	2090260	20.0
1-Docosene	13.87	3.7	ng	353964	5	14.01	1901760	20.0
Squalene	14.87	2.3	ng	153031	6	15.44	1341160	20.0