LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040516\
Data File : BF086082.D
Acq On : 5 Apr 2016 19:08
Operator : UM/SJ
Sample : H2148-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 45-PARK-PLACE-DISCHARGE

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-BF040216.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	4.361	196	199	203	rVB	75187	127074	4.15%	0.640%
2	5.344	283	285	302	rBV	985137	1079099	35.24%	5.437%
3	6.396	375	377	385	rBV	553533	657129	21.46%	3.311%
4	6.522	385	388	390	rBV	2086051	2073693	67.72%	10.449%
5	6.750	406	408	413	rBV	748562	642200	20.97%	3.236%
6	6.910	419	422	424	rBV	1732227	1998808	65.27%	10.071%
7	7.322	455	458	460	rBV	1742844	1660692	54.23%	8.368%
8	8.042	518	521	523	rBV	609424	815062	26.62%	4.107%
9	9.116	612	615	617	rBV	3232558	3062218	100.00%	15.429%
10	9.516	648	650	651	rBV	40164	43144	1.41%	0.217%
11	9.791	672	674	676	rBV	987676	937042	30.60%	4.721%
12	10.225	705	712	714	rBV2	32365	56281	1.84%	0.284%
13	10.579	740	743	746	rBV	1741787	1663911	54.34%	8.384%
14	10.694	752	753	758	rVB2	31528	40123	1.31%	0.202%
15	11.276	801	804	806	rBV	763815	912818	29.81%	4.599%
16	11.802	848	850	852	rBV	58651	70130	2.29%	0.353%
17	12.488	908	910	917	rBV	18487	40582	1.33%	0.204%
18	12.591	917	919	925	rBV	66916	93721	3.06%	0.472%
19	12.682	925	927	929	rBV	167467	164798	5.38%	0.830%
20	12.854	940	942	945	rBV	2301284	2276643	74.35%	11.471%
21	13.380	986	988	990	rBV	104992	99834	3.26%	0.503%
22	13.642	1007	1011	1015	rBV2	12431	39680	1.30%	0.200%
23	13.905	1032	1034	1037	rBV	769543	708256	23.13%	3.569%
24	15.311	1154	1157	1160	rBV	432869	544993	17.80%	2.746%
25	15.585	1175	1181	1185	rVB	11600	38715	1.26%	0.195%

Sum of corrected areas: 19846646

LSC Report - Integrated Chromatogram

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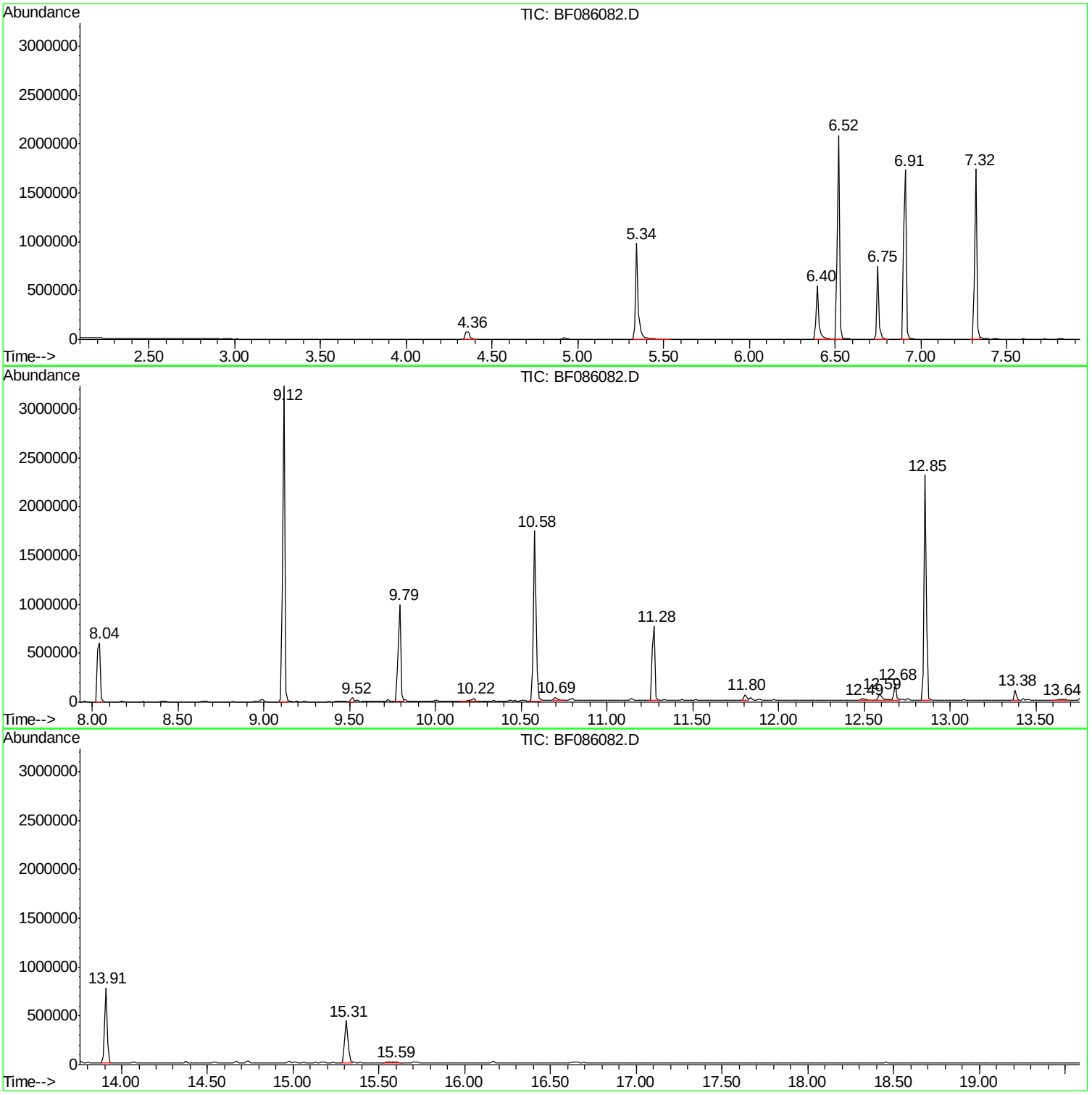
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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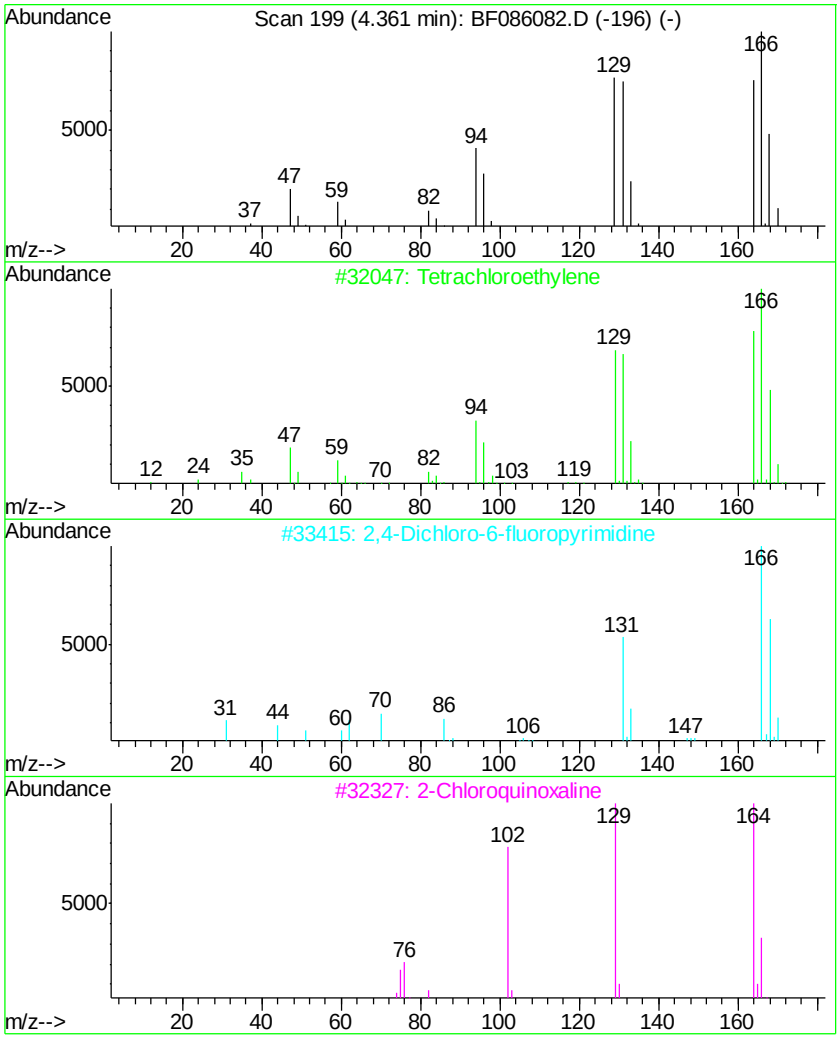
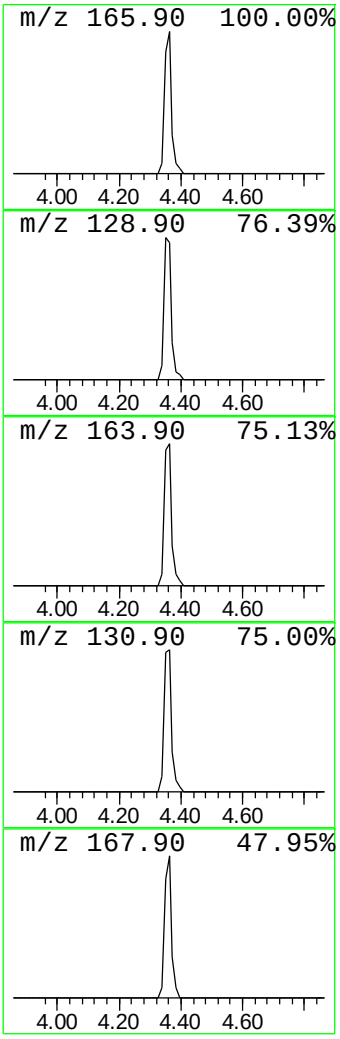
Peak Number 1 Tetrachloroethylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.36	3.96 ng	127074	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	2,4-Dichloro-6-fluoropyrimidine	166	C4HCl2FN2	003833-57-6	22
3	2-Chloroquinoxaline	164	C8H5ClN2	001448-87-9	16
4	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	16
5	1-Propene, 2-chloro-1,1,3,3,3-pe...	166	C3ClF5	002804-50-4	9





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Instrument :
BNA_F
ClientSampleId :
45-PARK-PLACE-DISCHARGE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
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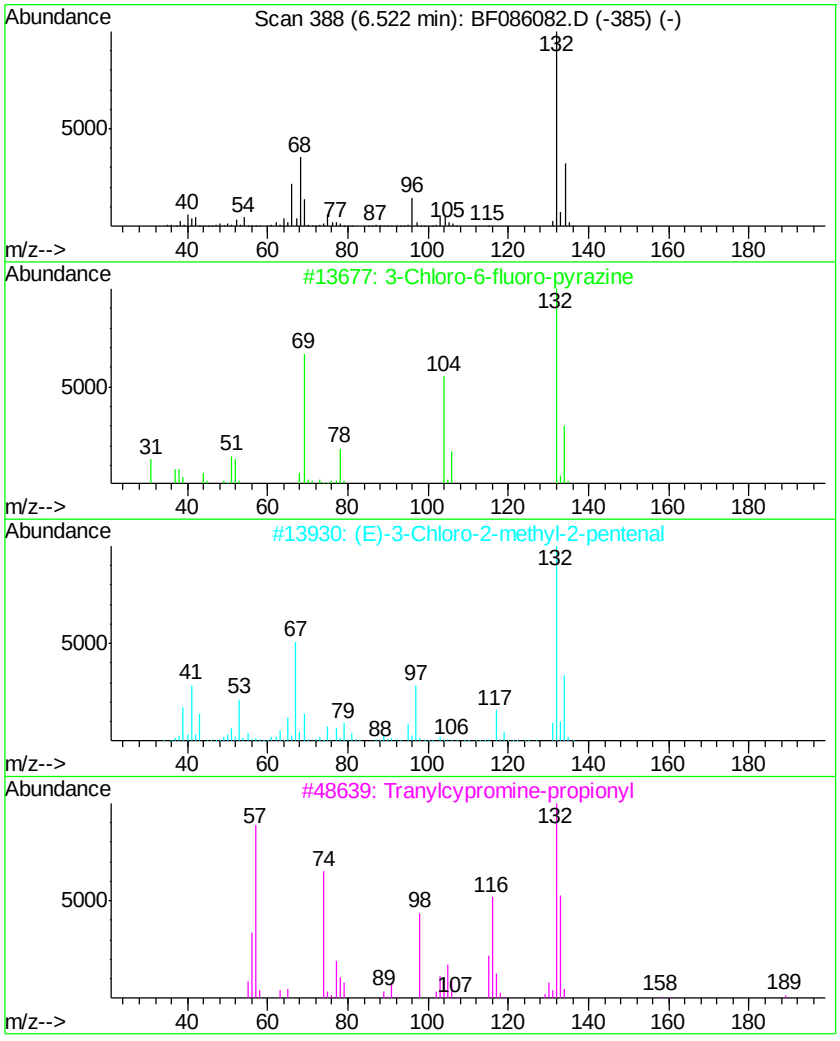
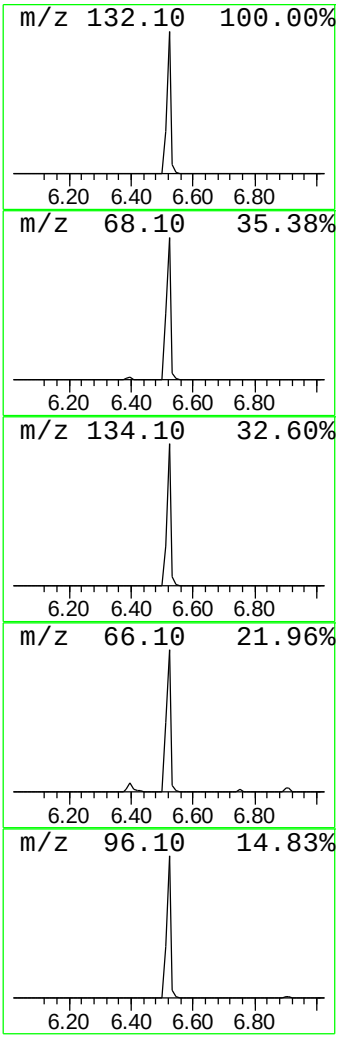
Peak Number 2 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	64.58 ng	2073690	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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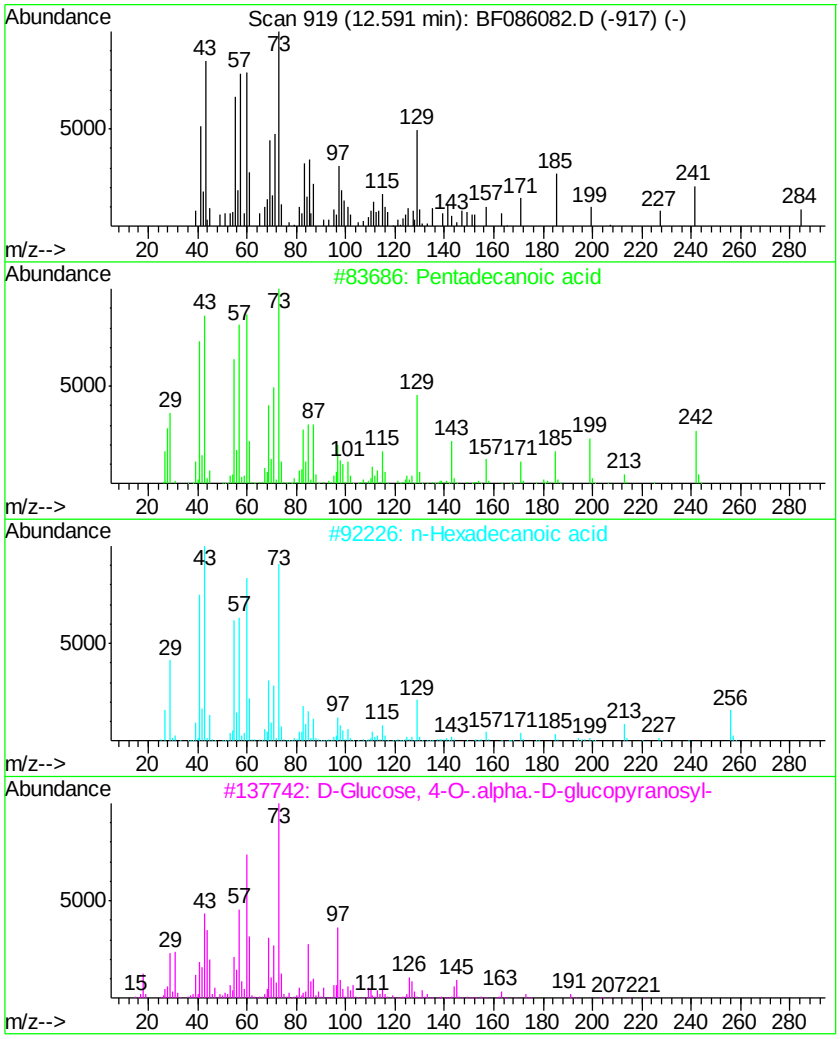
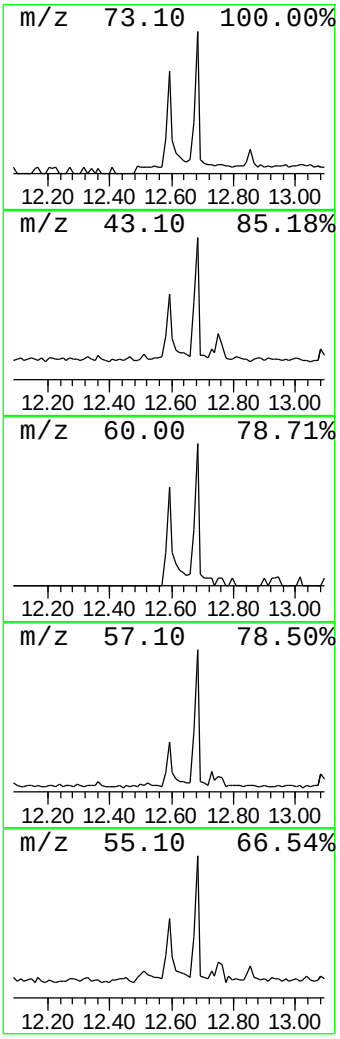
Peak Number 4 Pentadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	2.05 ng	93721	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
3	D-Glucose, 4-O-.alpha.-D-glucopy...	342	C12H22O11	000069-79-4	47
4	Tridecanoic acid	214	C13H26O2	000638-53-9	38
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	14





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Instrument : BNA_F
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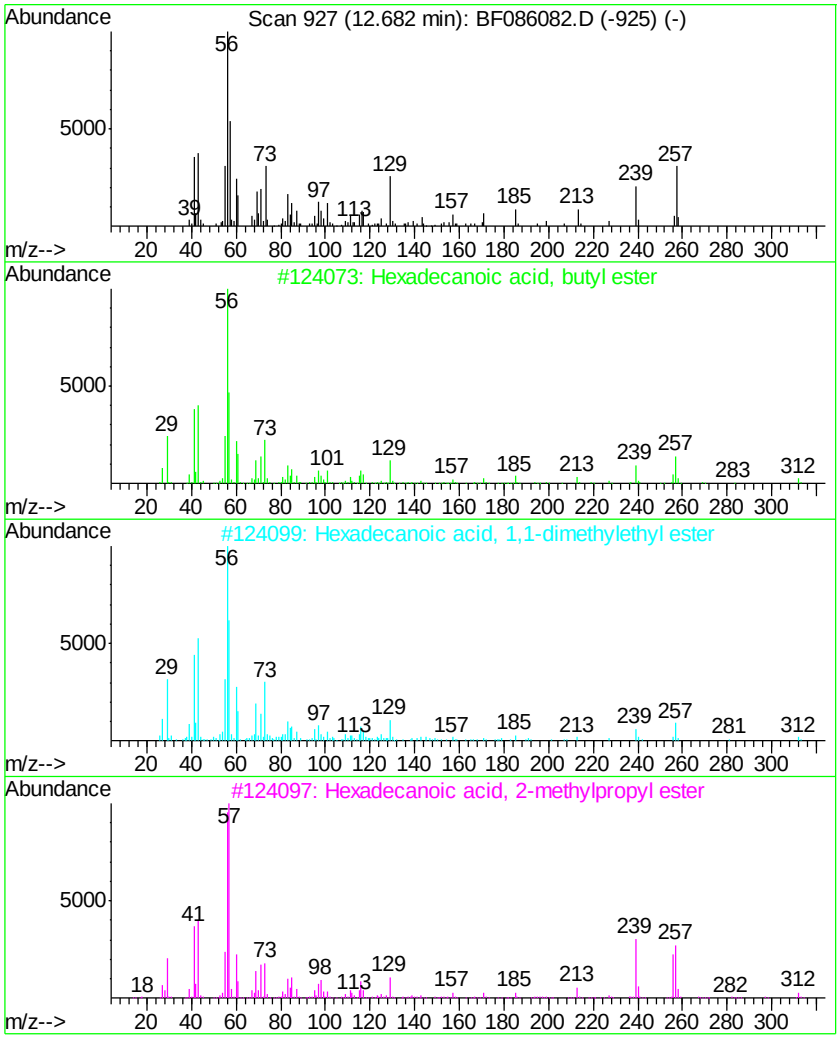
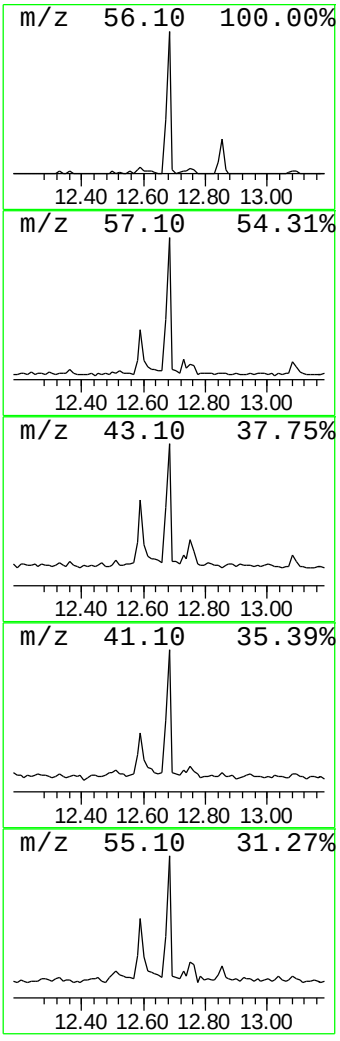
Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	4.65 ng	164798	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	74
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	58
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	53
4	Nipecotic acid	129	C6H11NO2	000498-95-3	47
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	25





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Instrument : BNA_F
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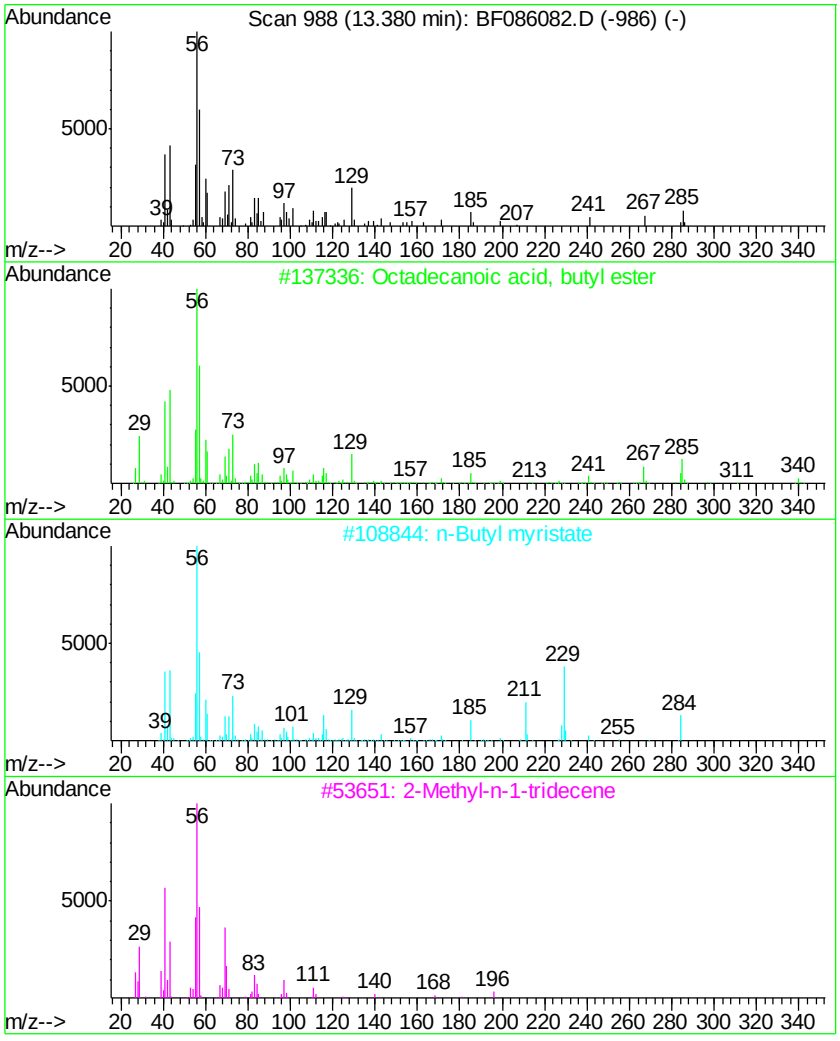
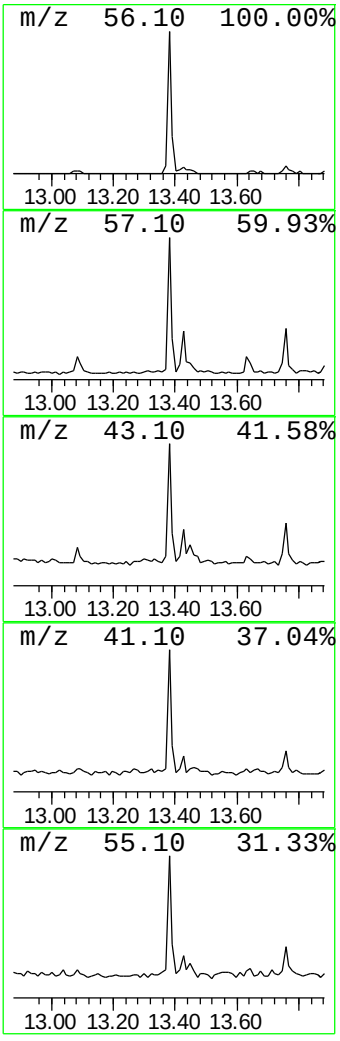
Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	2.82 ng	99834	Chrysene-d12	13.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
2	n-Butyl myristate	284	C18H36O2	000110-36-1	80
3	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	35
4	Cyclohexanol, 4-amino-, trans-	115	C6H13NO	027489-62-9	27
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	27





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tetrachloroethylene	4.36	4.0	ng	127074	1	6.75	642200	20.0
unknown6.52	6.52	64.6	ng	2073690	1	6.75	642200	20.0
Pentadecanoic acid	12.59	2.0	ng	93721	4	11.28	912818	20.0
Hexadecanoic acid...	12.68	4.7	ng	164798	5	13.91	708256	20.0
Octadecanoic acid...	13.38	2.8	ng	99834	5	13.91	708256	20.0