LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080216\
Data File : BF089545.D
Acq On : 2 Aug 2016 14:13
Operator : UM/SJ
Sample : H4269-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-52-14.0-15.0

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-BF072716.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	1.644	4	5	39	rVB	729766	1523248	100.00%	12.733%
2	4.559	258	260	272	rBV	185086	377513	24.78%	3.156%
3	5.039	300	302	324	rBV	745317	1116195	73.28%	9.330%
4	6.136	396	398	405	rBV	996018	1200178	78.79%	10.032%
5	6.239	405	407	424	rVB	1268730	1276834	83.82%	10.673%
6	6.467	426	427	435	rBV2	176083	214811	14.10%	1.796%
7	6.627	438	441	443	rBV	874229	934872	61.37%	7.815%
8	7.050	475	478	494	rBV	495610	763535	50.13%	6.382%
9	7.759	538	540	542	rBV	257811	267016	17.53%	2.232%
10	8.833	632	634	637	rBV	1102076	1231357	80.84%	10.293%
11	9.233	667	669	672	rBV	156181	172785	11.34%	1.444%
12	9.496	690	692	695	rBV	350300	316388	20.77%	2.645%
13	9.953	730	732	734	rBV	32366	27104	1.78%	0.227%
14	10.171	748	751	754	rBV	9860	17896	1.17%	0.150%
15	10.285	759	761	771	rVV	697322	732879	48.11%	6.126%
16	10.422	771	773	780	rVB	32680	43536	2.86%	0.364%
17	10.971	819	821	836	rBV	262376	267430	17.56%	2.235%
18	11.531	867	870	875	rBB	25121	27371	1.80%	0.229%
19	12.548	957	959	962	rBV	770765	963194	63.23%	8.051%
20	13.485	1038	1041	1047	rBV	27261	54659	3.59%	0.457%
21	13.588	1047	1050	1058	rVV	211509	218825	14.37%	1.829%
22	14.914	1163	1166	1173	rBV	175807	197545	12.97%	1.651%
23	15.382	1204	1207	1211	rBV2	6751	17979	1.18%	0.150%

Sum of corrected areas: 11963150

LSC Report - Integrated Chromatogram

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Instrument : BNA_F
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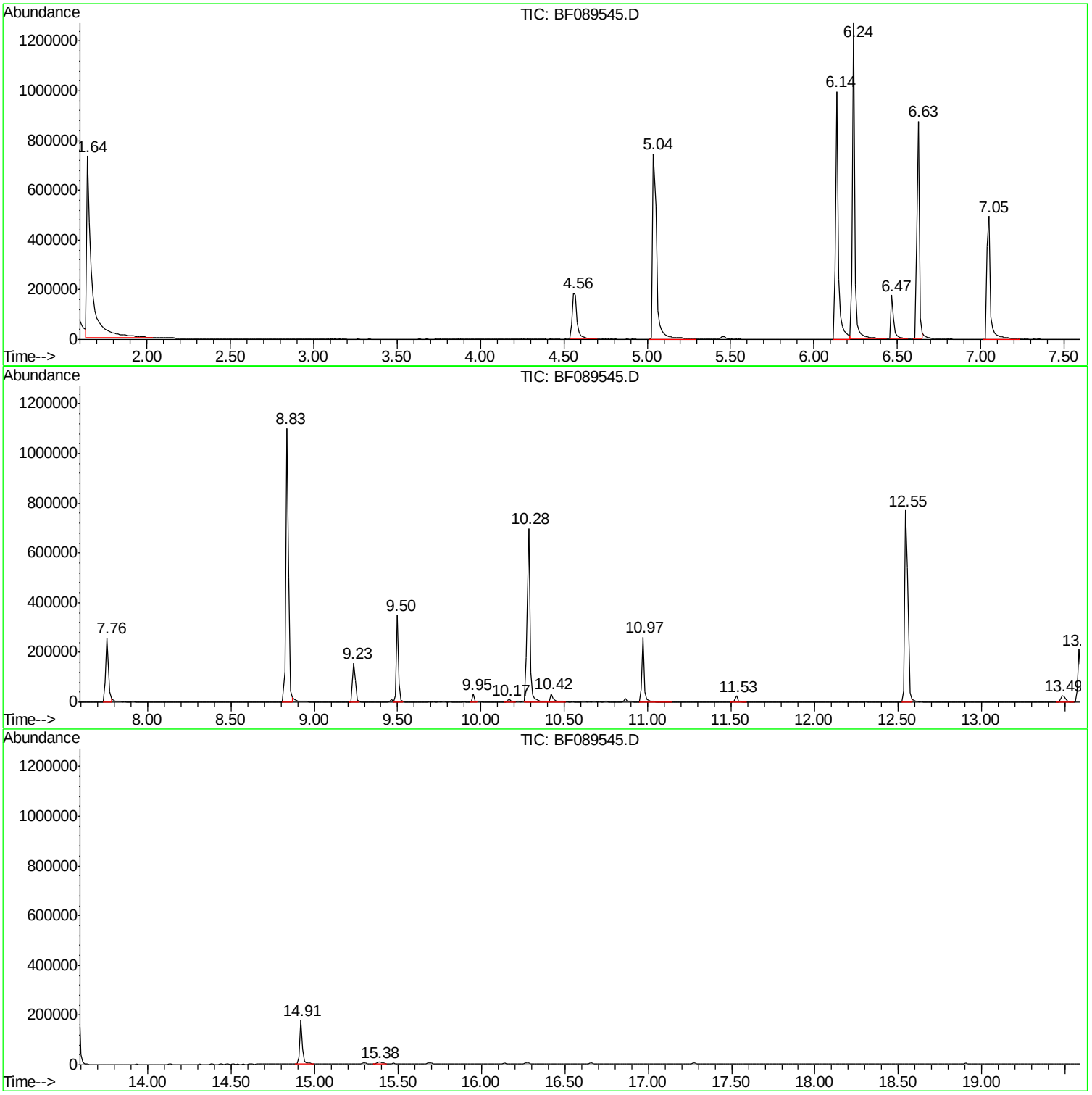
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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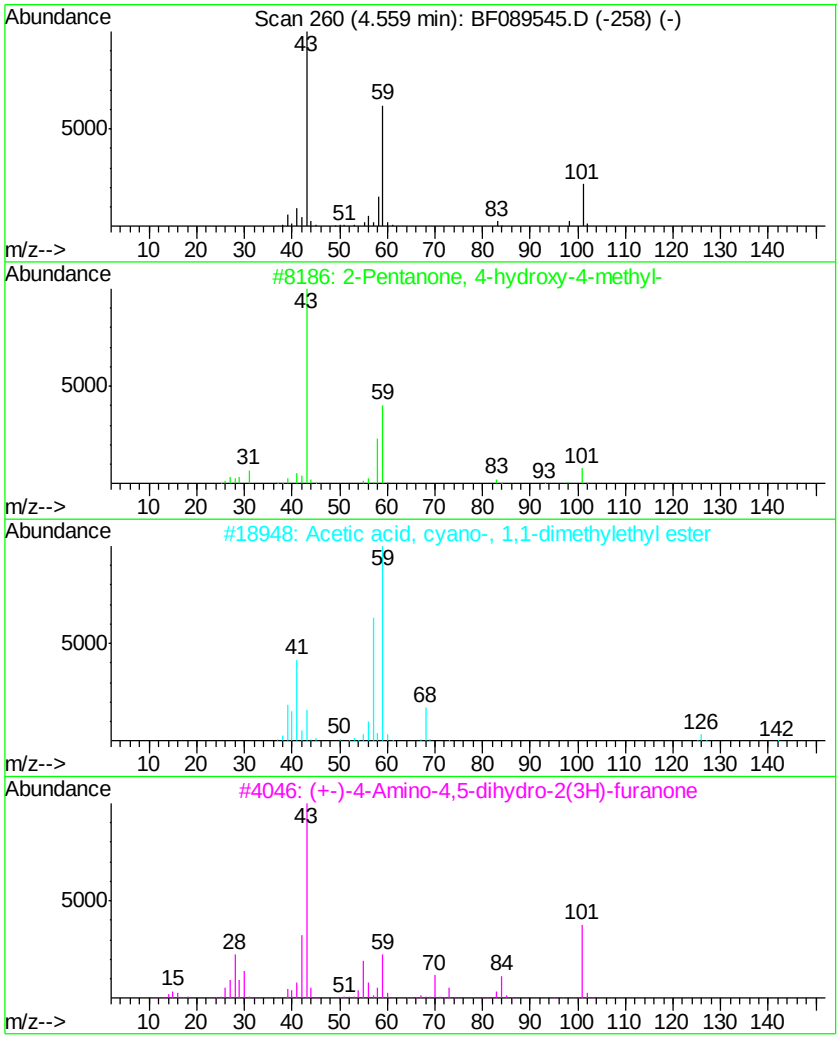
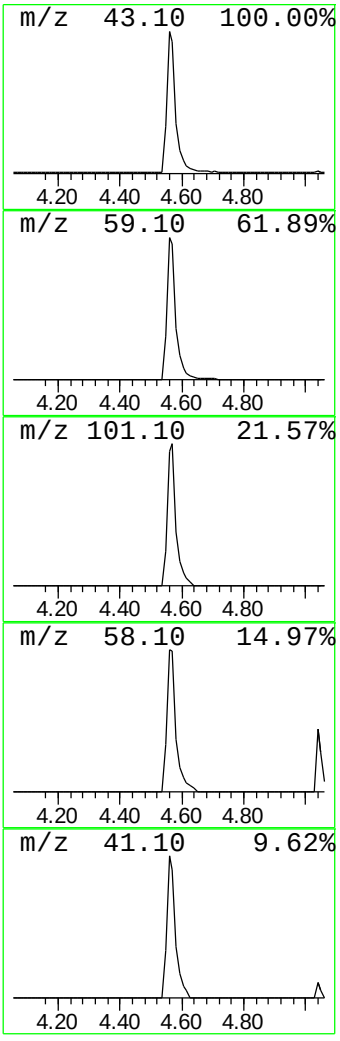
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	35.15 ng	377513	1,4-Dichlorobenzene-d4	6.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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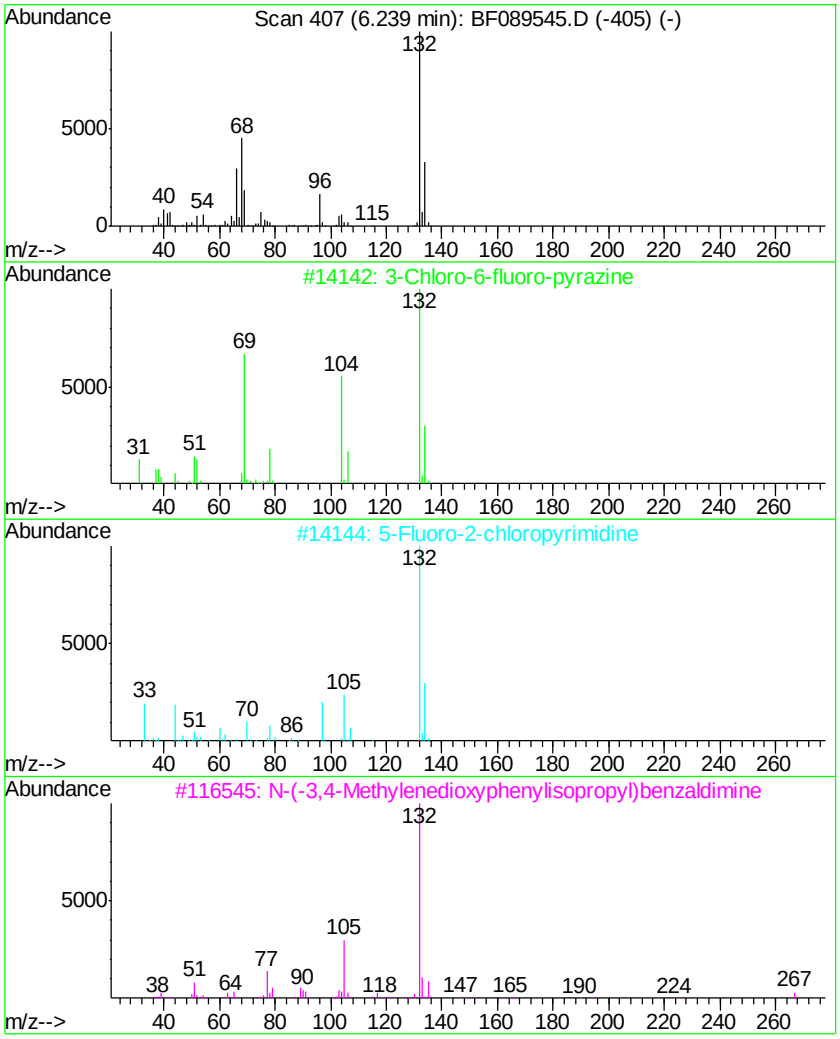
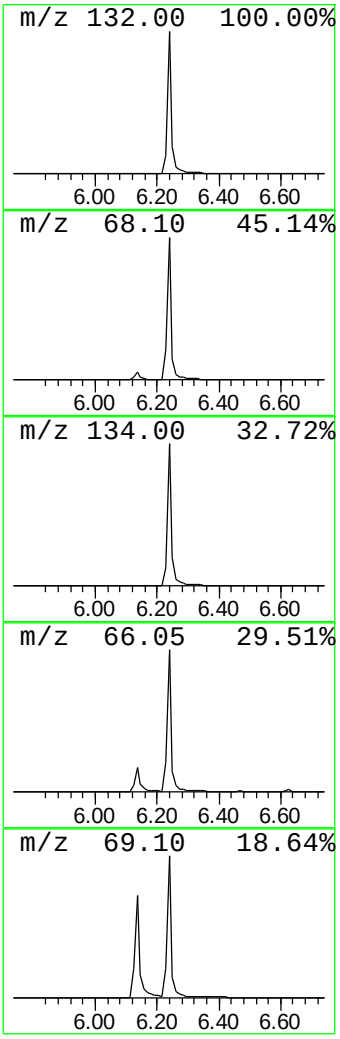
Peak Number 3 unknown6.24 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	118.88 ng	1276830	1,4-Dichlorobenzene-d4	6.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Instrument : BNA_F
ClientSampleId : SB-52-14.0-15.0

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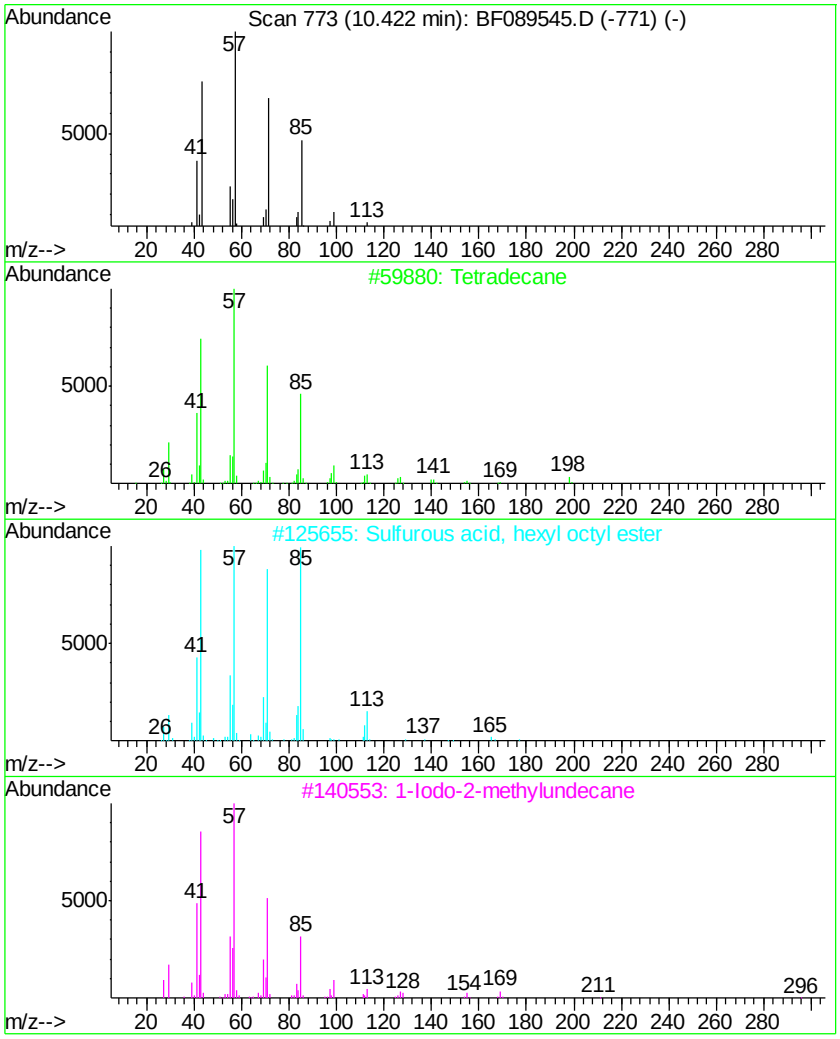
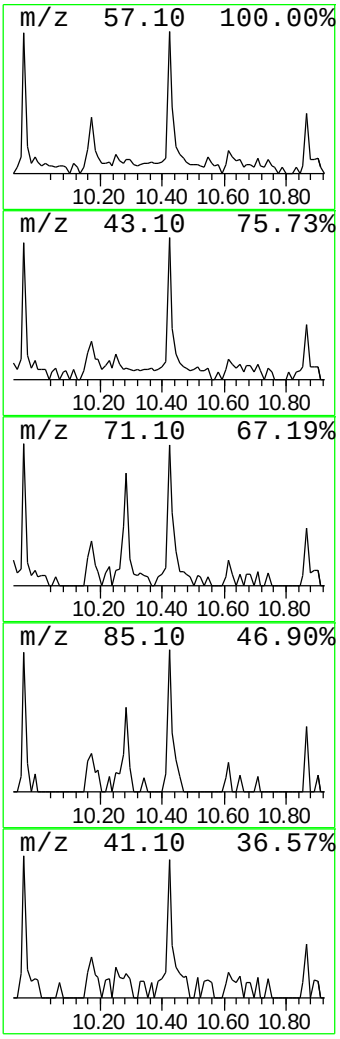
Peak Number 5 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	3.26 ng	43536	Phenanthrene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	78
2	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	72
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
5	Tridecane	184	C13H28	000629-50-5	64





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Instrument : BNA_F
ClientSampleId : SB-52-14.0-15.0

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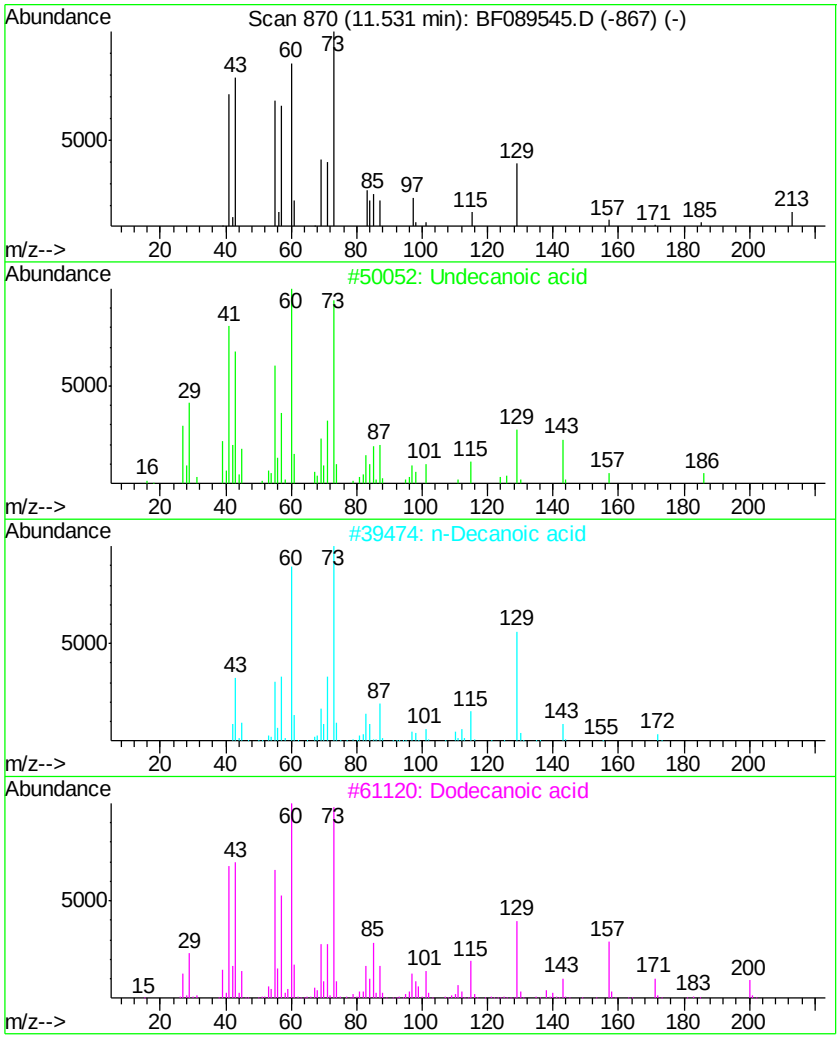
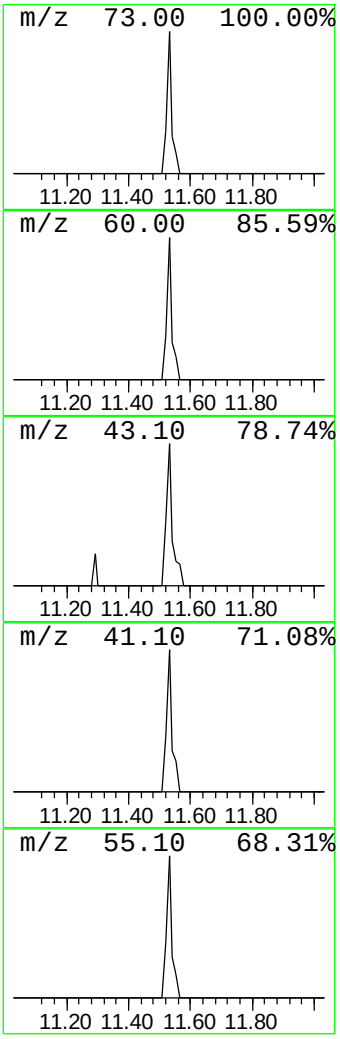
Peak Number 6 Undecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	2.05 ng	27371	Phenanthrene-d10	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	64
2	n-Decanoic acid	172	C10H20O2	000334-48-5	59
3	Dodecanoic acid	200	C12H24O2	000143-07-7	59
4	.beta.-D-Mannofuranoside, 1-O-(1...	332	C17H32O6	1000155-29-9	22
5	Oxalic acid, allyl undecyl ester	284	C16H28O4	1000309-23-9	14





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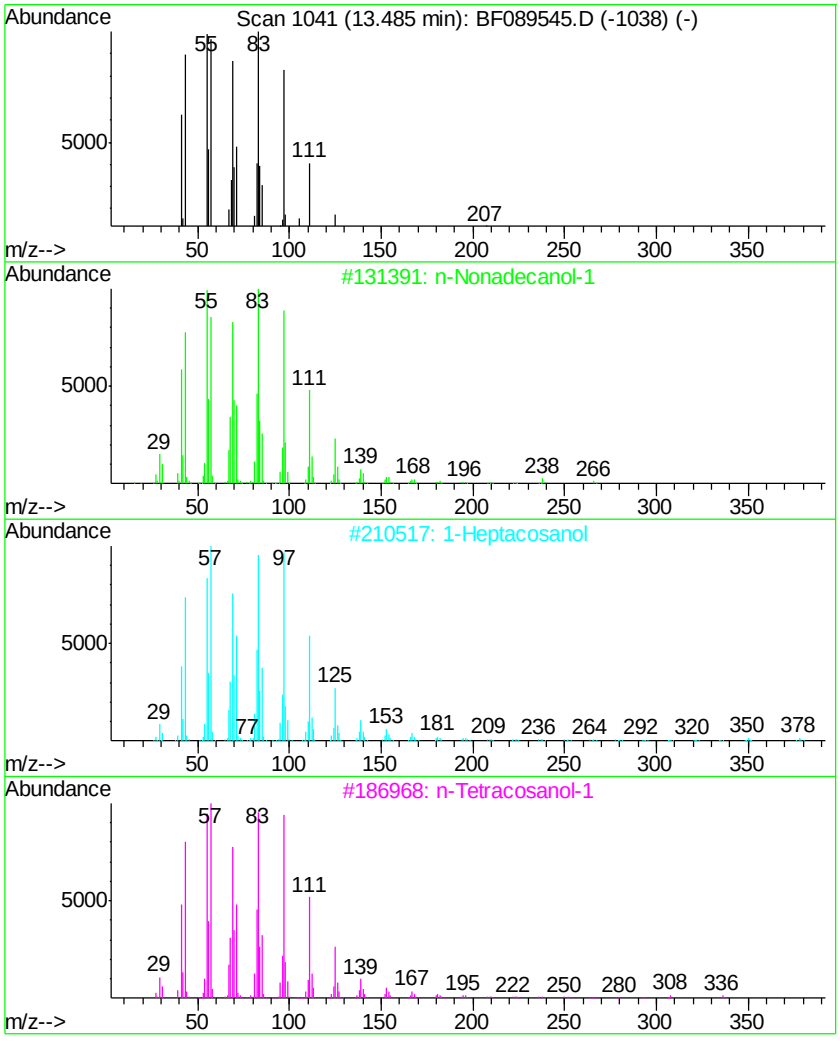
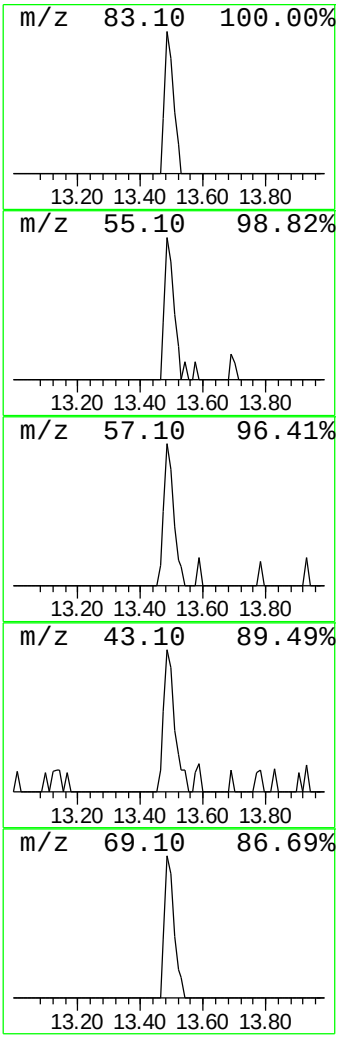
Peak Number 7 n-Nonadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	5.00 ng	54659	Chrysene-d12	13.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	90





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.56	35.1	ng	377513	1	6.47	214811	20.0
unknown6.24	6.24	118.9	ng	1276830	1	6.47	214811	20.0
Tetradecane	10.42	3.3	ng	43536	4	10.97	267430	20.0
Undecanoic acid	11.53	2.0	ng	27371	4	10.97	267430	20.0
n-Nonadecanol-1	13.49	5.0	ng	54659	5	13.59	218825	20.0