LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113601.D
Acq On : 4 Apr 2019 23:58
Operator : JU/SJ
Sample : K2186-13 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BELT-PARKWAY-STAGING-YARD-2

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_F\METHODS\8270-BF040319.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	5.287	541	544	561	rBV	532122	677057	79.18%	6.312%
2	5.604	595	598	608	rBV6	9575	18731	2.19%	0.175%
3	6.328	718	721	739	rBV	577461	726597	84.97%	6.774%
4	6.451	739	742	758	rVB	791365	752258	87.97%	7.013%
5	6.681	777	781	792	rBV	721657	646155	75.56%	6.024%
6	6.834	804	807	816	rBV	686319	595142	69.60%	5.548%
7	7.240	873	876	889	rBV	382377	440056	51.46%	4.102%
8	7.963	995	999	1005	rBV	887443	795392	93.01%	7.415%
9	8.010	1005	1007	1016	rVB5	18459	28478	3.33%	0.265%
10	8.757	1130	1134	1147	rBV	46423	116112	13.58%	1.082%
11	9.034	1178	1181	1188	rBV	1066489	845714	98.90%	7.884%
12	9.428	1244	1248	1255	rBV	56165	67448	7.89%	0.629%
13	9.710	1292	1296	1305	rVB	947573	814592	95.26%	7.594%
14	9.928	1331	1333	1338	rBV4	20002	26472	3.10%	0.247%
15	10.498	1426	1430	1435	rBV	432992	419640	49.07%	3.912%
16	10.622	1448	1451	1455	rBV3	14389	18399	2.15%	0.172%
17	10.704	1462	1465	1468	rBV4	16394	19363	2.26%	0.181%
18	11.186	1544	1547	1553	rBV	835407	766681	89.66%	7.147%
19	11.727	1635	1639	1648	rBV	218690	280731	32.83%	2.617%
20	12.510	1769	1772	1779	rBV	200801	270574	31.64%	2.522%
21	12.763	1812	1815	1822	rBV	820589	734555	85.90%	6.848%
22	13.310	1906	1908	1911	rBV	185871	162832	19.04%	1.518%
23	13.821	1989	1995	2000	rBV2	597031	855128	100.00%	7.972%
24	15.233	2232	2235	2242	rVB	485387	648855	75.88%	6.049%

Sum of corrected areas: 10726962

LSC Report - Integrated Chromatogram

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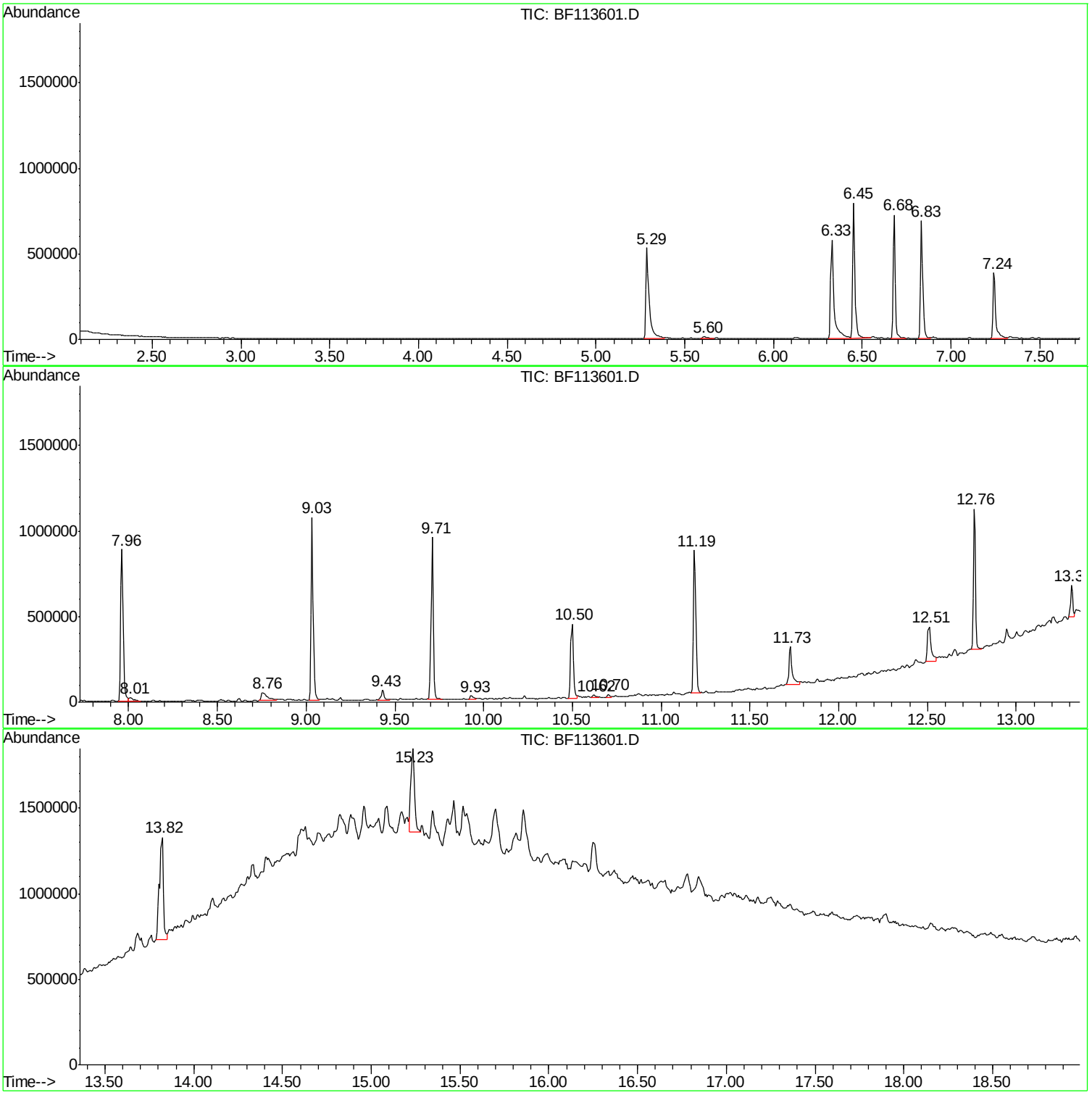
Instrument :
BNA_F
ClientSampleId :
BELT-PARKWAY-STAGING-YARD-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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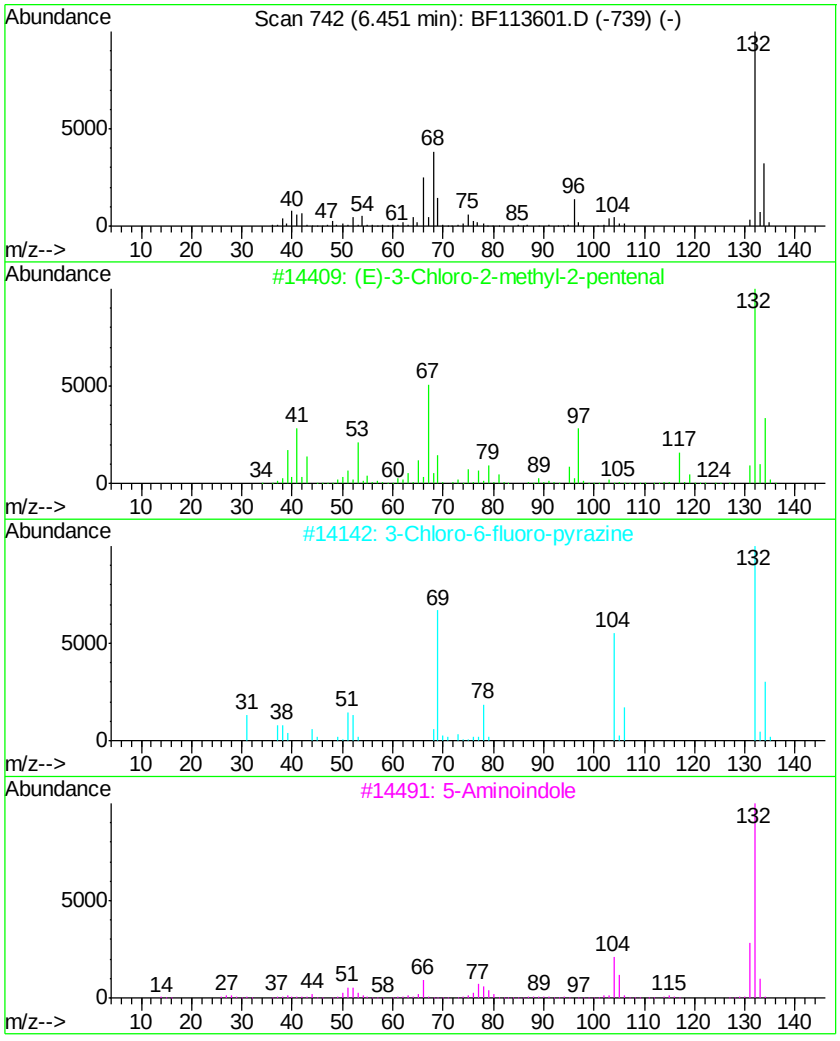
TIC Integration Parameters: LSCINT.P

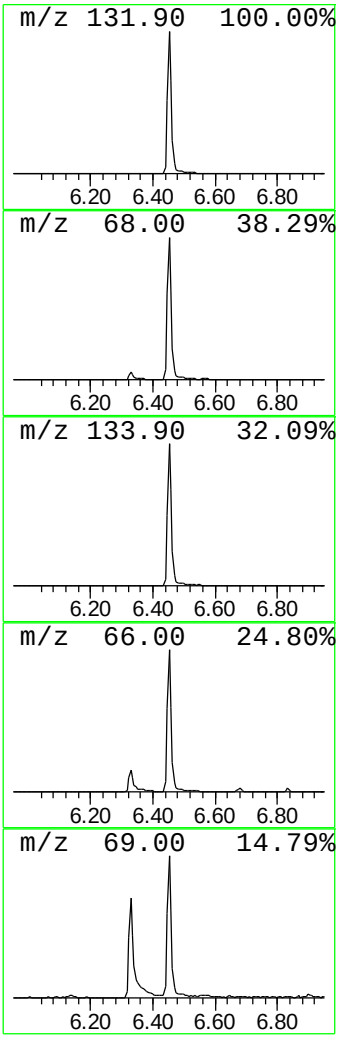
****

Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	23.28 ng	752258	1,4-Dichlorobenzene-d4	6.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Amphetaminil	250	C17H18N2	017590-01-1	10





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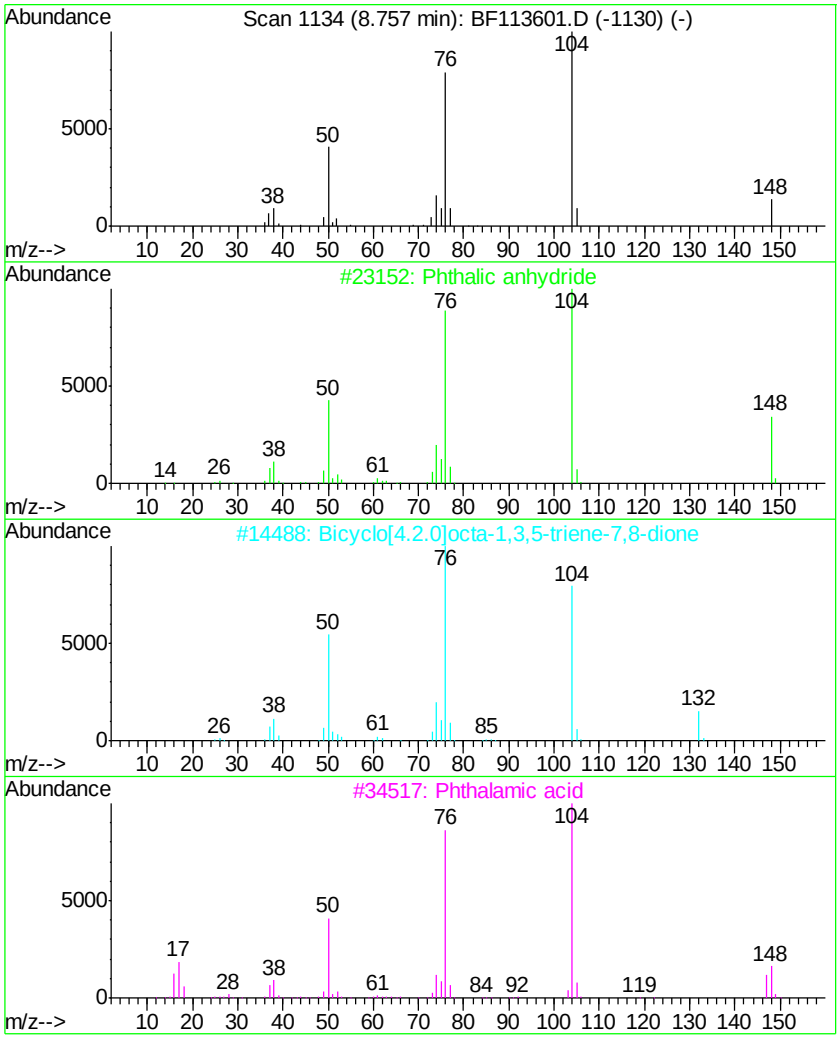
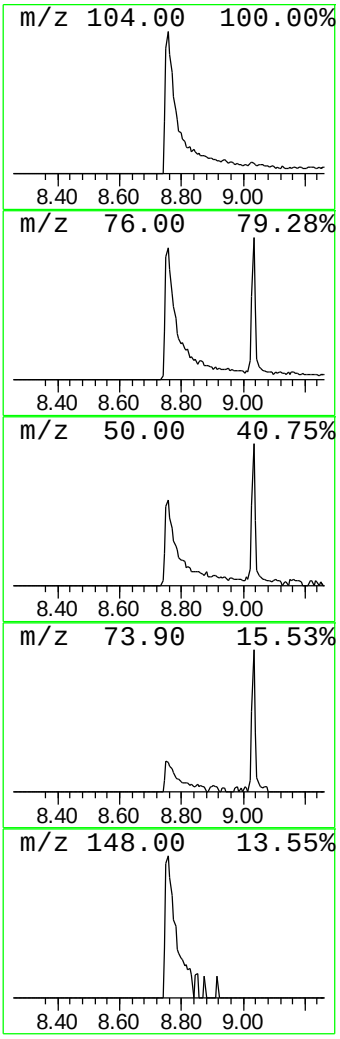
Peak Number 3 Phthalic anhydride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	2.92 ng	116112	Naphthalene-d8	7.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	91
2	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	83
3	Phthalamic acid	165	C8H7NO3	000088-97-1	83
4	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	83
5	N-[2-Acetamidoethylthio]phthalimide	264	C12H12N2O3S	025158-14-9	64





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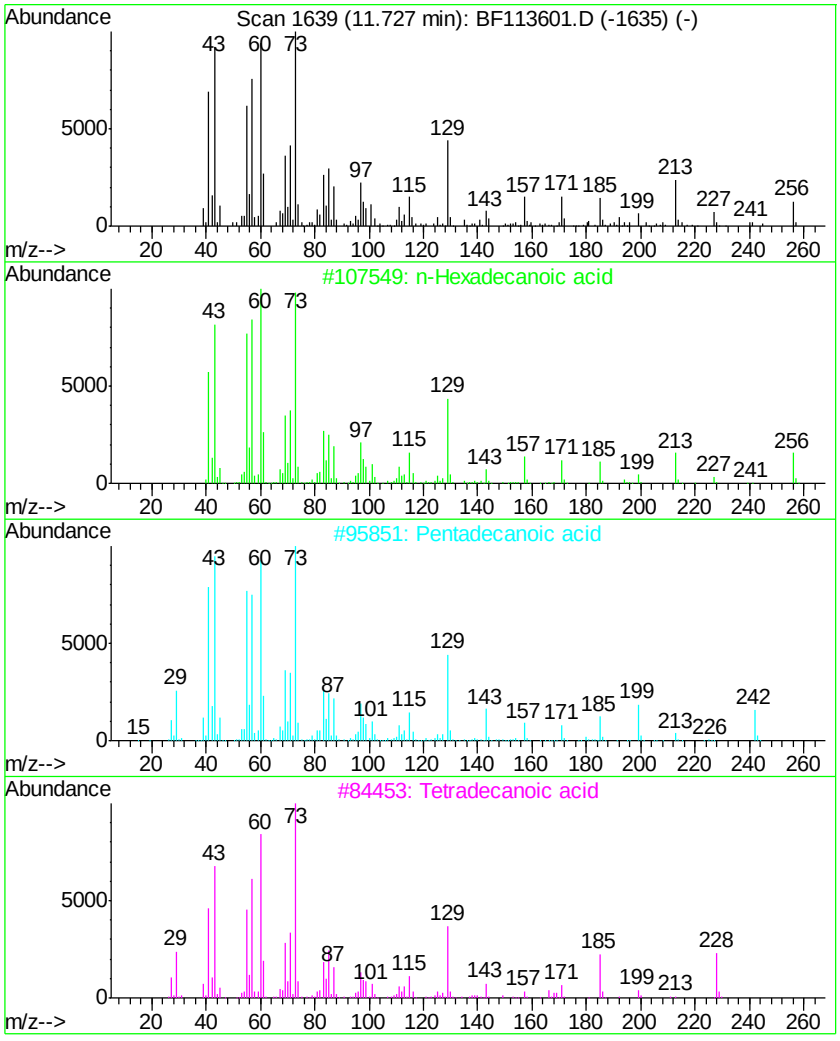
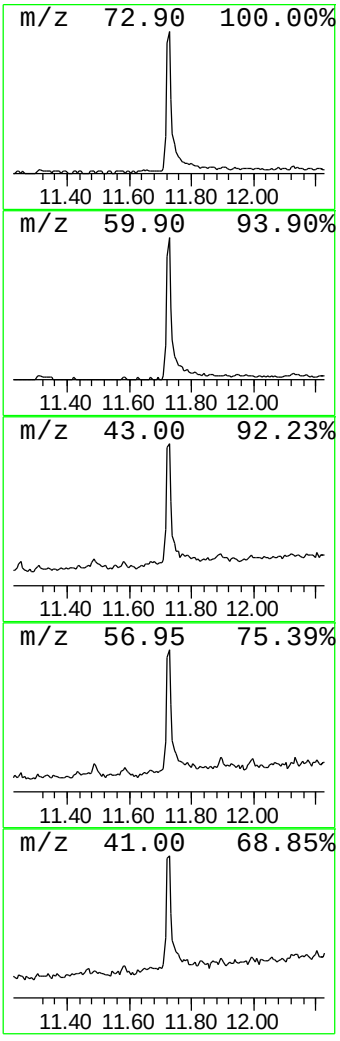
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	7.32 ng	280731	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Library Search Compound Report

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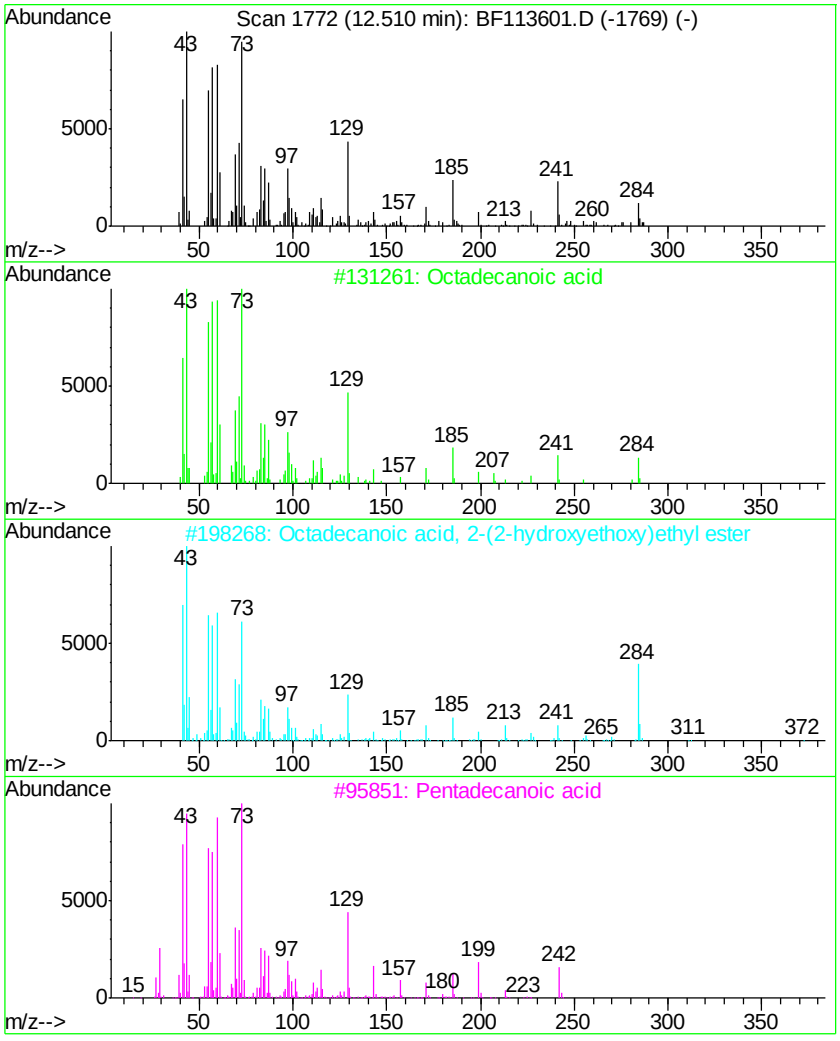
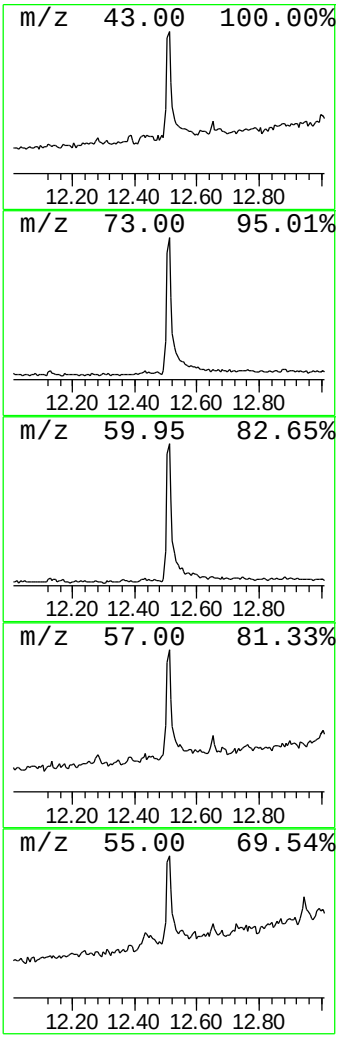
Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	6.33 ng	270574	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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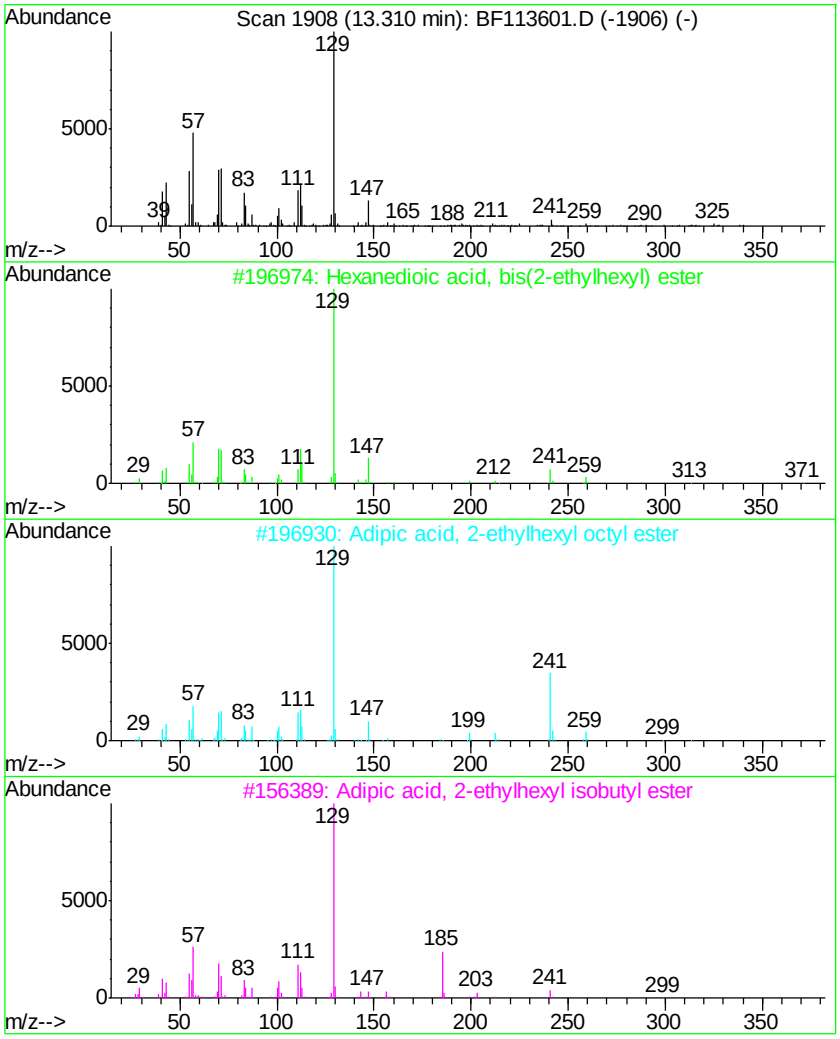
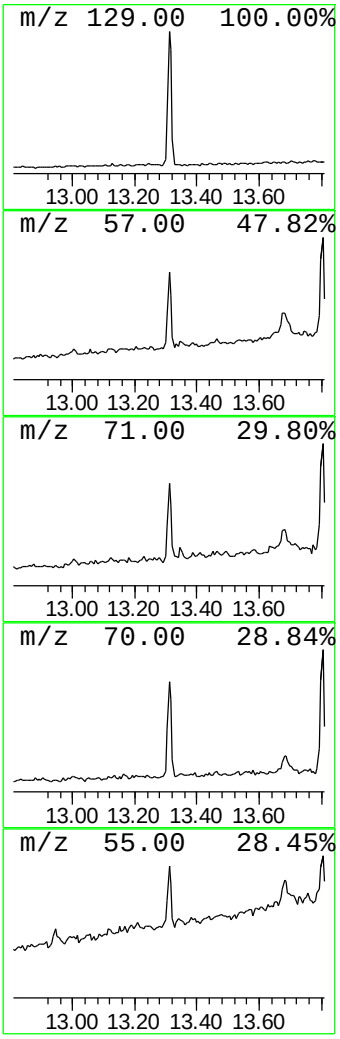
****
Peak Number 6 Hexanedioic acid, bis(2-eth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	3.81 ng	162832	Chrysene-d12	13.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
3	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	64
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	58
5	Adipic acid, 2-ethylhexyl isohex...	342	C20H38O4	1000324-48-3	53





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.45	6.45	23.3	ng	752258	1	6.68	646155	20.0
Phthalic anhydride	8.76	2.9	ng	116112	2	7.96	795392	20.0
n-Hexadecanoic acid	11.73	7.3	ng	280731	4	11.19	766681	20.0
Octadecanoic acid	12.51	6.3	ng	270574	5	13.82	855128	20.0
Hexanedioic acid,...	13.31	3.8	ng	162832	5	13.82	855128	20.0