LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141351.D
Acq On : 01 Feb 2025 00:03
Operator : RC/JU
Sample : Q1194-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-113-SB02

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141351.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	6	12	22	rVB	90277	143425	3.57%	0.529%
2	5.016	492	497	506	rVB	52627	88928	2.21%	0.328%
3	5.422	560	566	585	rBV	2809148	3765182	93.67%	13.879%
4	6.439	733	739	763	rVB	2697329	3810815	94.80%	14.048%
5	6.798	795	800	805	rBV	746676	904931	22.51%	3.336%
6	7.363	889	896	901	rBV	1762219	2468309	61.40%	9.099%
7	7.616	933	939	950	rVB	95616	122592	3.05%	0.452%
8	8.081	1012	1018	1035	rVB	949788	1235058	30.72%	4.553%
9	8.298	1045	1055	1062	rBV2	41712	61686	1.53%	0.227%
10	9.157	1195	1201	1206	rBV	3151336	4019772	100.00%	14.818%
11	9.833	1310	1316	1321	rBV	1071180	1317459	32.77%	4.856%
12	10.551	1433	1438	1445	rBV	197371	251038	6.25%	0.925%
13	10.622	1445	1450	1467	rBV	1696614	2351269	58.49%	8.667%
14	11.321	1564	1569	1575	rVB	913718	1143980	28.46%	4.217%
15	11.857	1655	1660	1674	rBV	238040	426342	10.61%	1.572%
16	12.645	1790	1794	1804	rBV2	21519	41337	1.03%	0.152%
17	12.910	1833	1839	1850	rVV	2289014	2961223	73.67%	10.916%
18	13.457	1927	1932	1937	rBV	170157	225935	5.62%	0.833%
19	13.874	1996	2003	2013	rBV6	21184	78960	1.96%	0.291%
20	13.962	2013	2018	2028	rVB	639614	841259	20.93%	3.101%
21	15.415	2260	2265	2283	rVB	458621	777143	19.33%	2.865%
22	15.892	2341	2346	2352	rBV	25849	43885	1.09%	0.162%
23	16.392	2426	2431	2444	rVB2	19167	47499	1.18%	0.175%

Sum of corrected areas: 27128027

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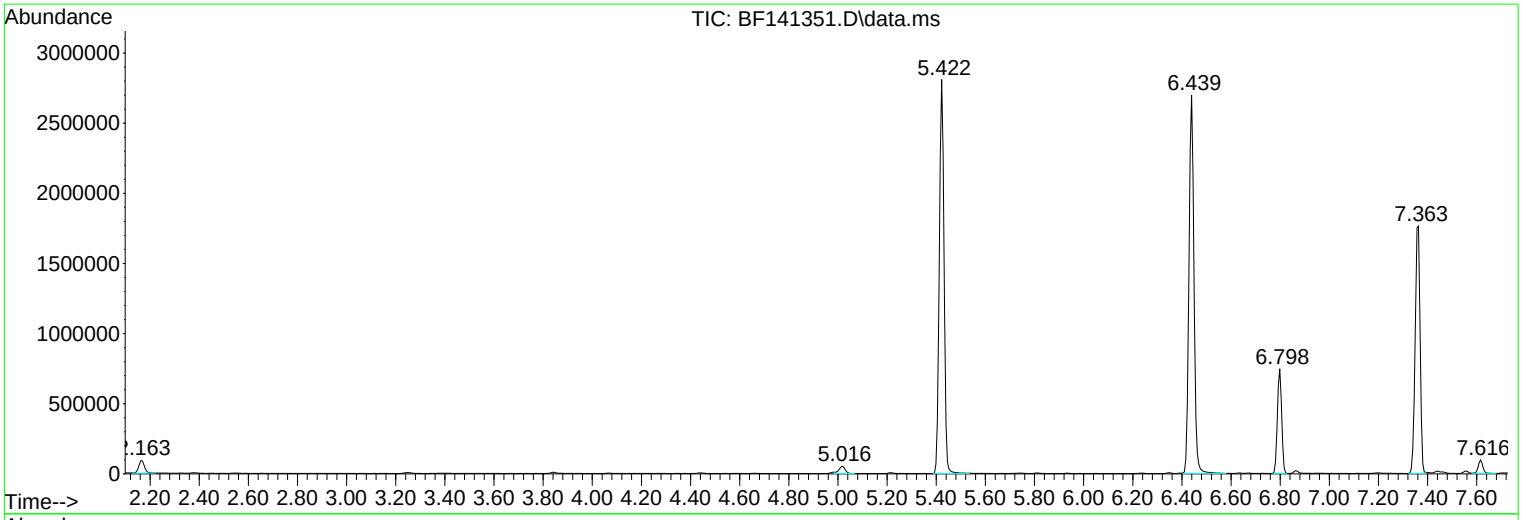
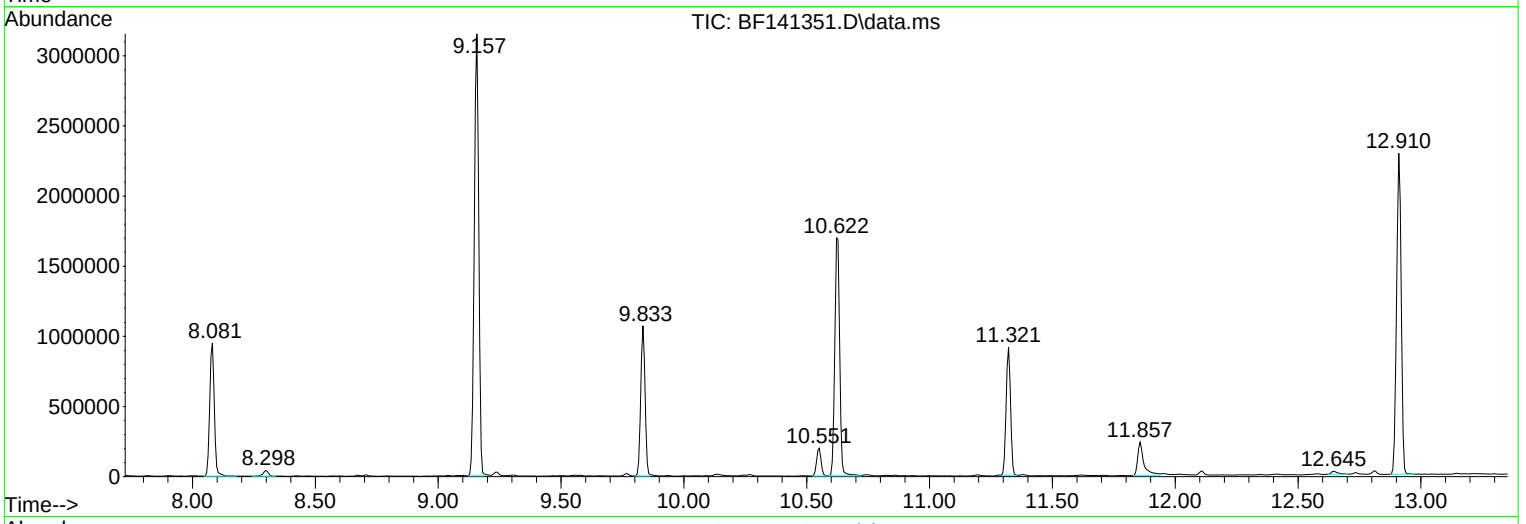
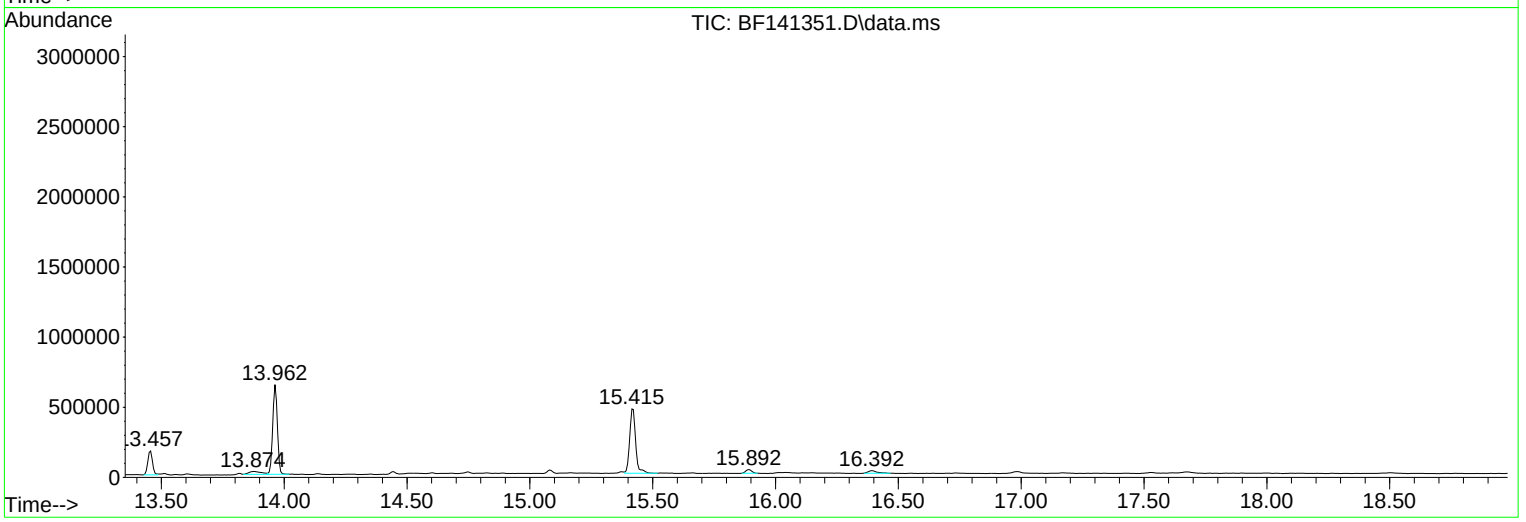
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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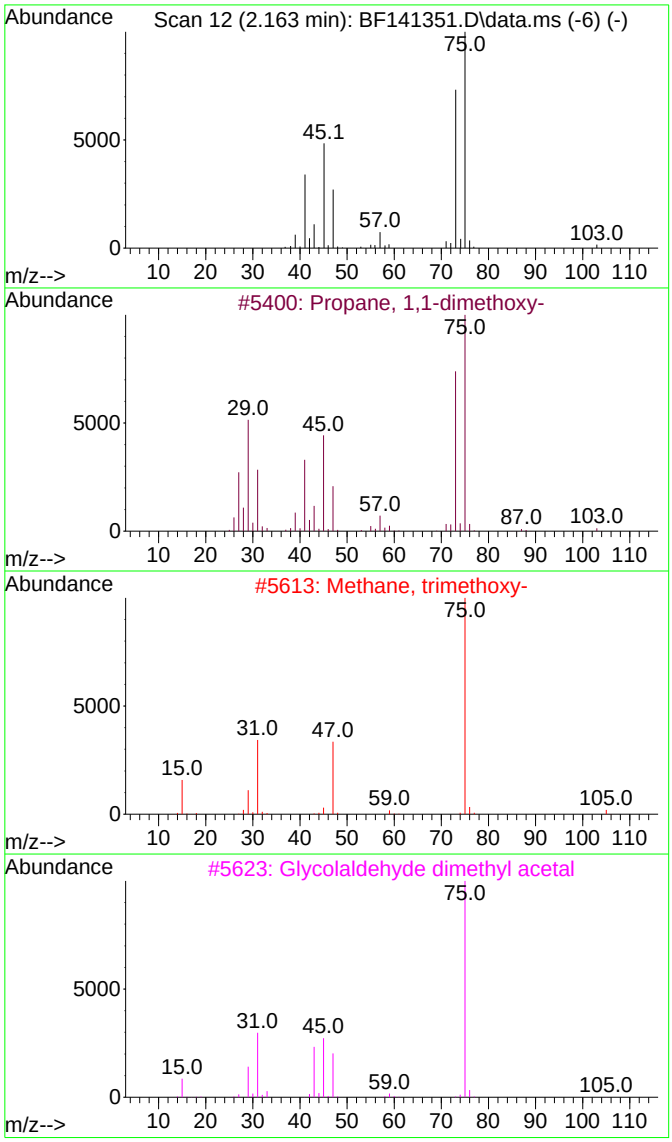
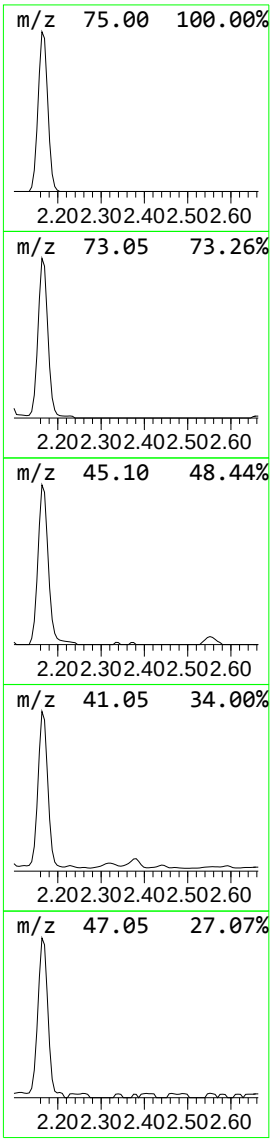
Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	3.17 ng	143425	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Methane, trimethoxy-	106	C4H10O3	000149-73-5	38
3	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	36
4	Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	33
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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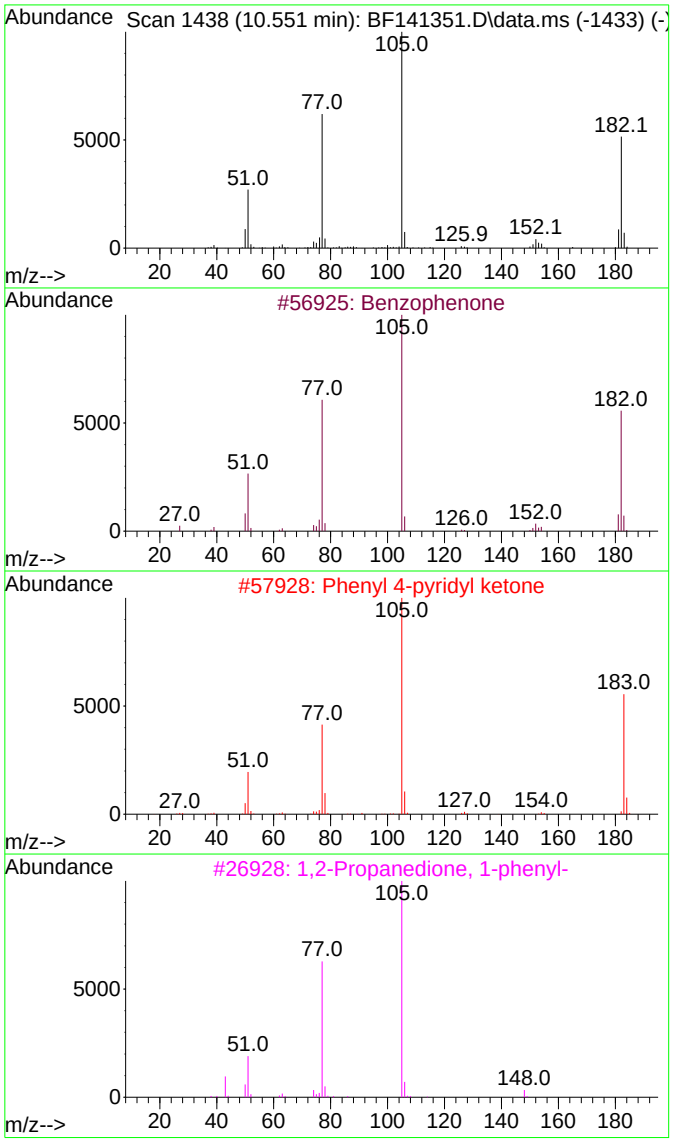
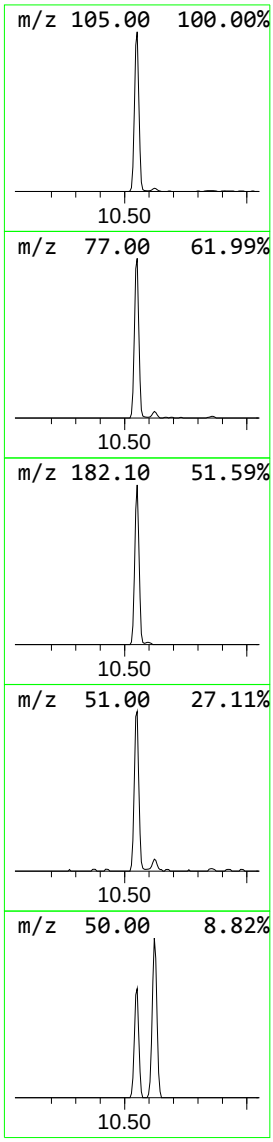
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	3.81 ng	251038	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	50
3	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47





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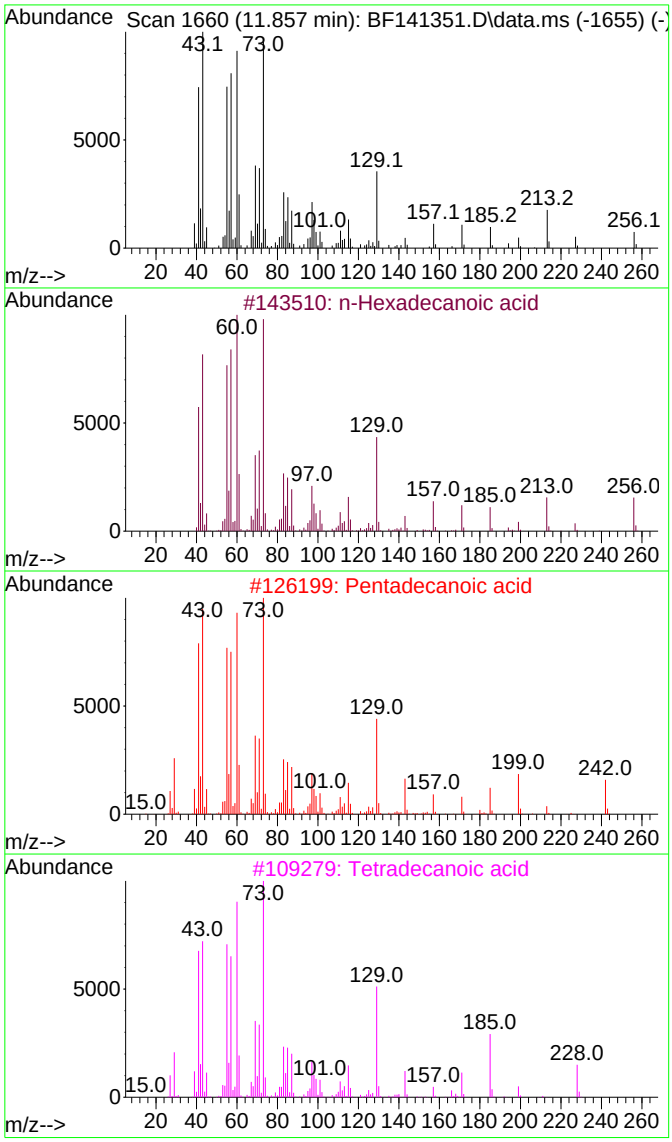
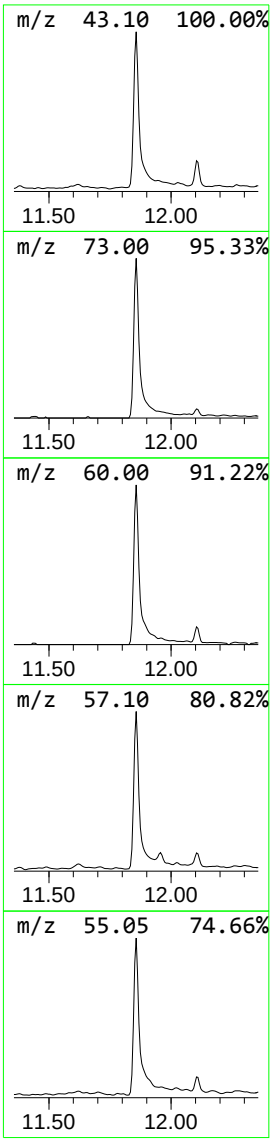
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	7.45 ng	426342	Phenanthrene-d10	11.322

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	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





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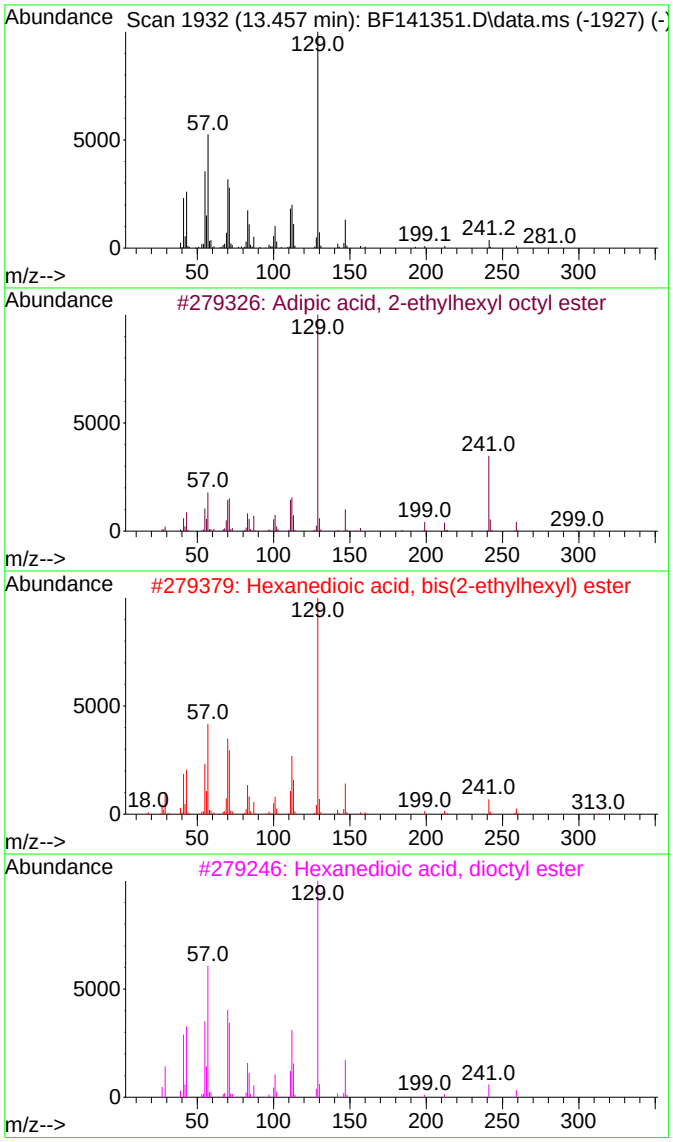
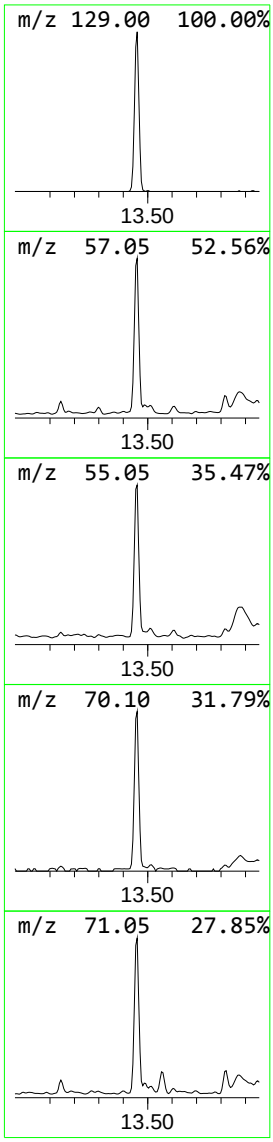
Peak Number 4 Adipic acid, 2-ethylhexyl o... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.457	5.37 ng	225935	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	76
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	68
5	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1010324-48-0	59





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-di...	2.163	3.2	ng	143425	1	6.798	904931	20.0
Benzophenone	10.551	3.8	ng	251038	3	9.833	1317460	20.0
n-Hexadecanoic ...	11.857	7.5	ng	426342	4	11.322	1143980	20.0
Adipic acid, 2-...	13.457	5.4	ng	225935	5	13.963	841259	20.0