LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092121\
Data File : BF125543.D
Acq On : 21 Sep 2021 19:07
Operator : JU/CG
Sample : M3835-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-CB-02-(0.2)

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-BF092121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125543.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.204	12	20	26	rBV	3256806	4435256	63.45%	10.827%
2	5.510	577	582	585	rBV	2771747	2540201	36.34%	6.201%
3	6.504	747	751	754	rBV	1813717	1576204	22.55%	3.848%
4	6.892	814	817	821	rBV	1391017	1182710	16.92%	2.887%
5	7.457	907	913	916	rBV	3503143	3570959	51.09%	8.717%
6	8.075	1014	1018	1021	rBV	1135220	864654	12.37%	2.111%
7	8.175	1031	1035	1039	rBV	1937316	1669128	23.88%	4.075%
8	9.257	1213	1219	1222	rBV	7135380	6990162	100.00%	17.064%
9	9.933	1329	1334	1337	rBV	2465123	1981740	28.35%	4.838%
10	10.721	1460	1468	1471	rBV	4453820	4206420	60.18%	10.269%
11	11.416	1582	1586	1590	rBV	2372456	1946723	27.85%	4.752%
12	11.810	1650	1653	1657	rVB	128088	105788	1.51%	0.258%
13	11.939	1670	1675	1680	rBV	180701	179686	2.57%	0.439%
14	12.727	1806	1809	1818	rVB3	108629	108187	1.55%	0.264%
15	13.010	1851	1857	1860	rBV	6553309	6667414	95.38%	16.277%
16	13.851	1996	2000	2003	rBV	60105	76757	1.10%	0.187%
17	13.898	2003	2008	2010	rVV2	321777	327165	4.68%	0.799%
18	13.921	2010	2012	2017	rVB	148106	138437	1.98%	0.338%
19	14.051	2030	2034	2038	rBV	1387018	1287233	18.41%	3.142%
20	15.533	2281	2286	2291	rBV	974767	1108524	15.86%	2.706%

Sum of corrected areas: 40963348

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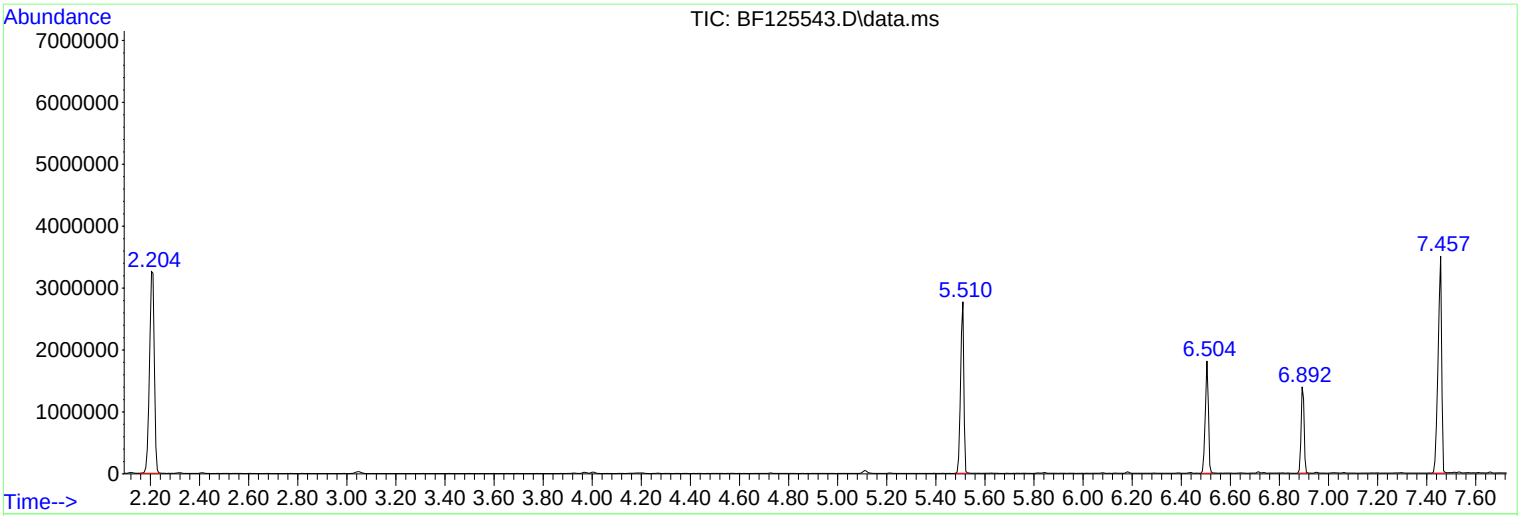
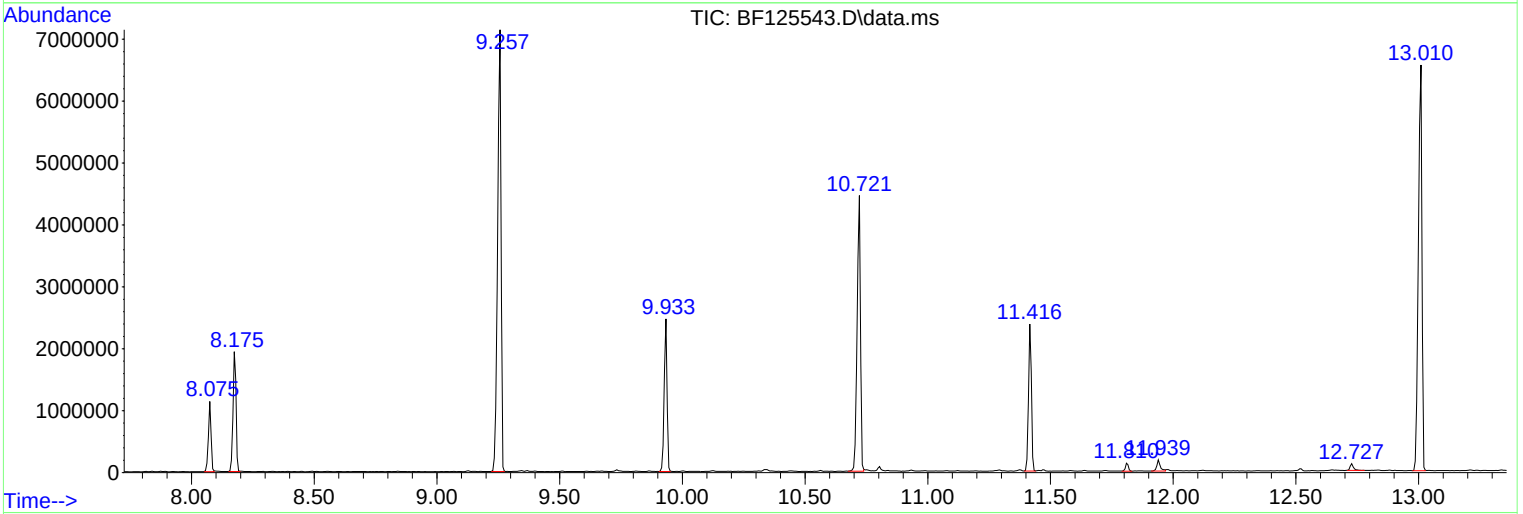
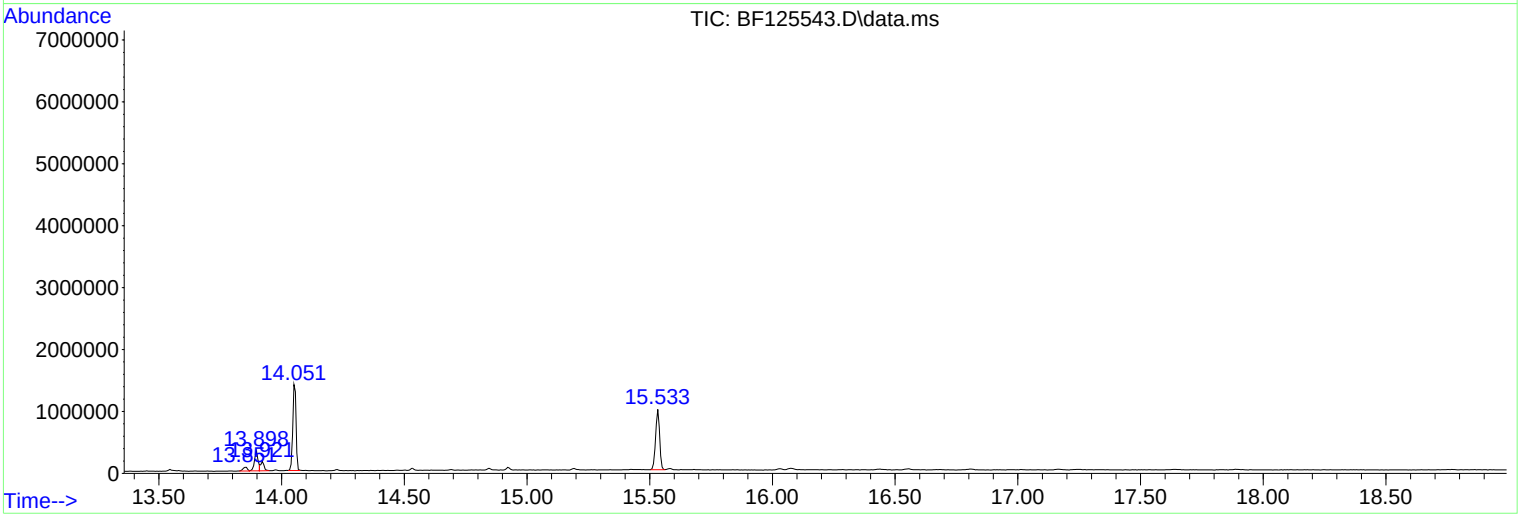
ClientSampleId :
SW-CB-02-(0.2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.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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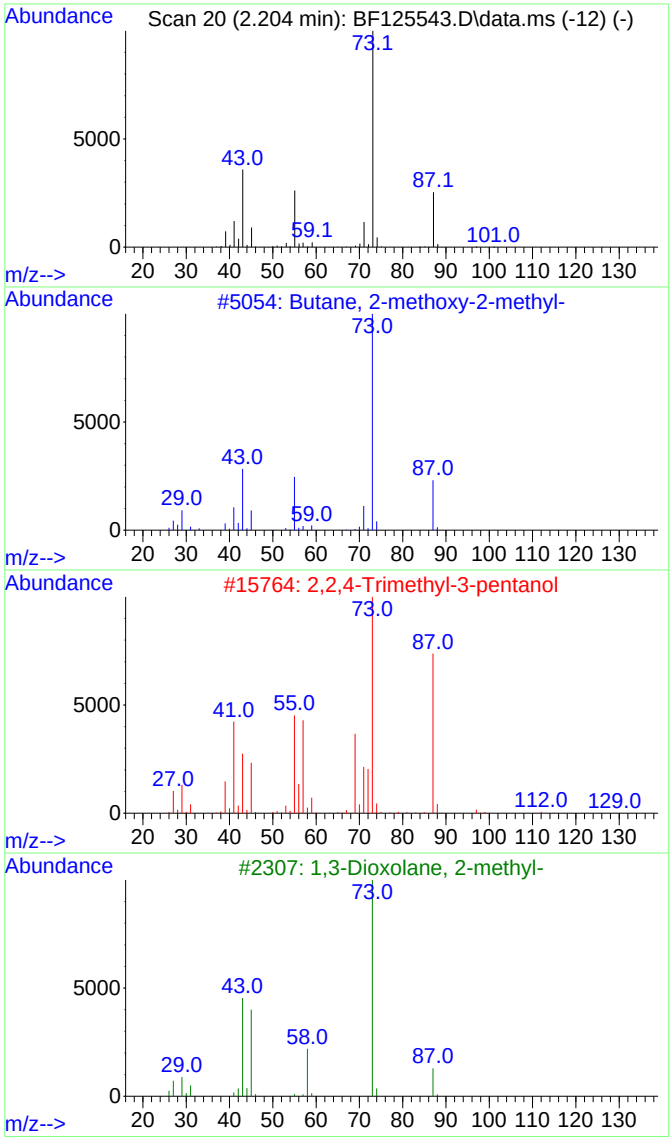
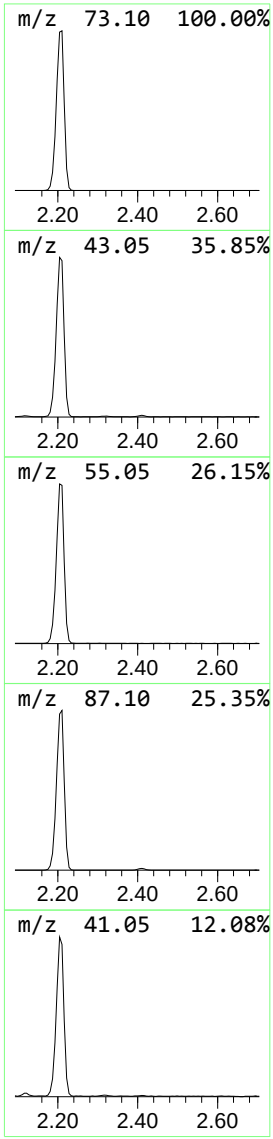
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.204	75.00 ng	4435260	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





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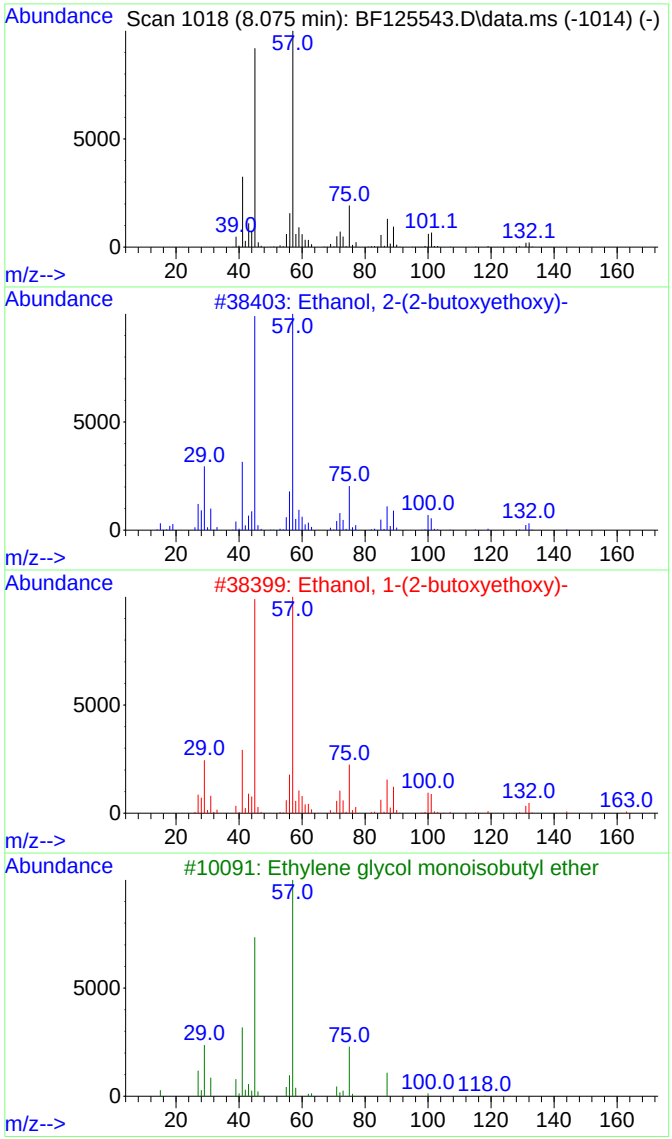
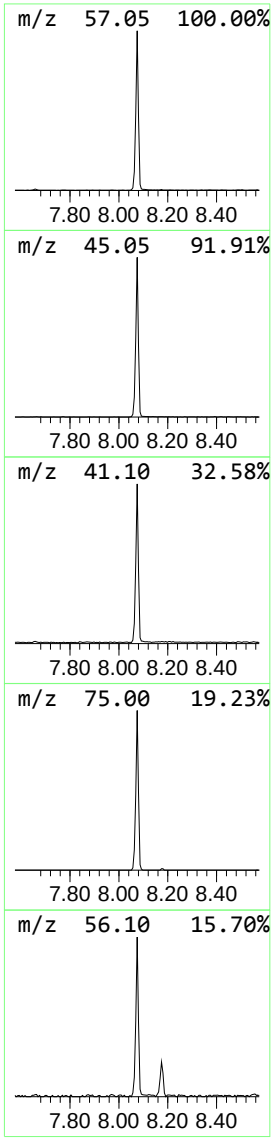
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.075	10.36 ng	864654	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-CB-02-(0.2)

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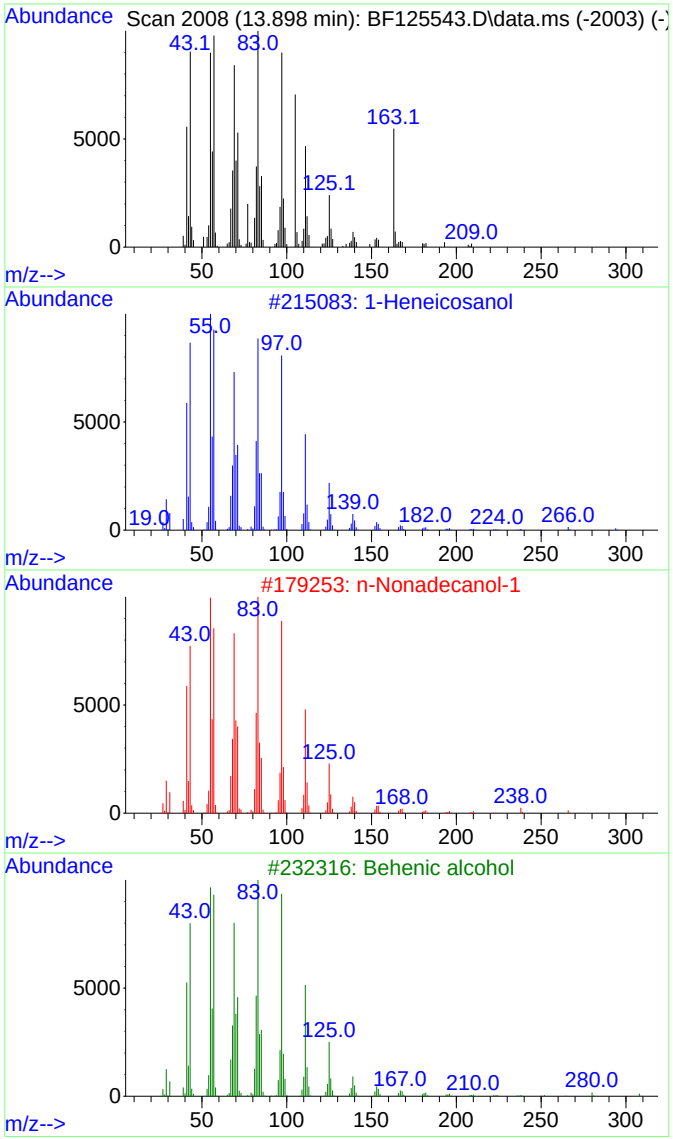
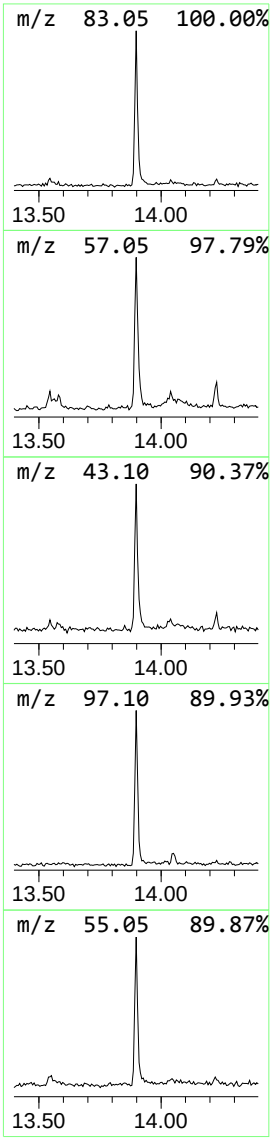
Peak Number 3 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	5.08 ng	327165	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	1-Hexacosene	364	C26H52	018835-33-1	91





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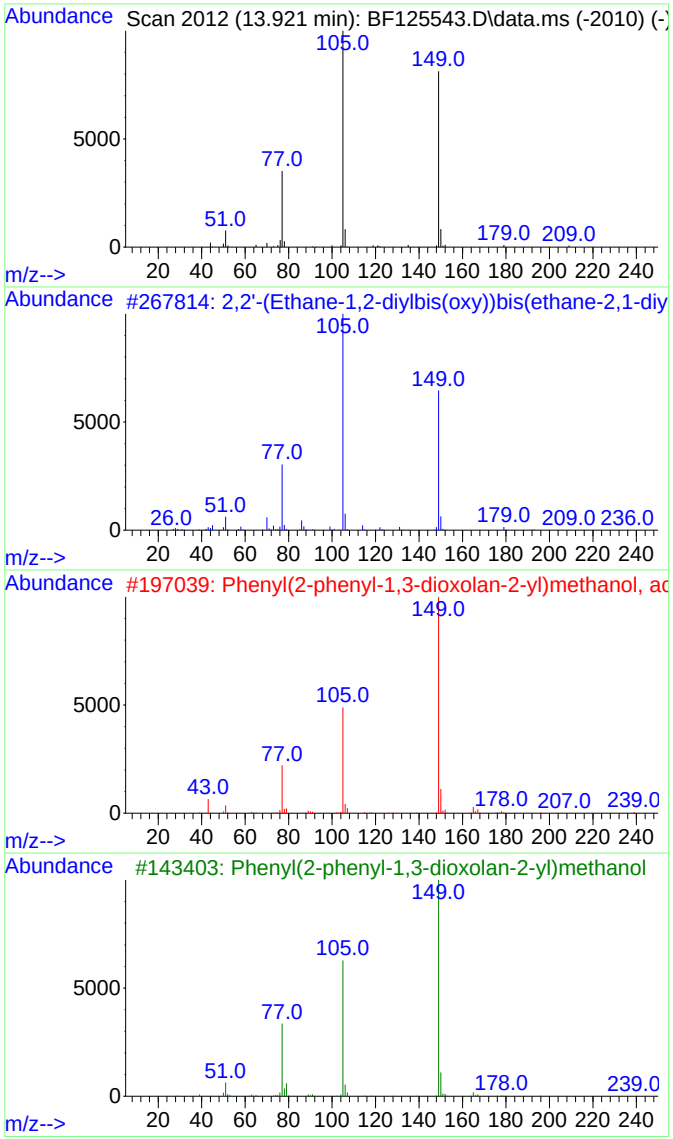
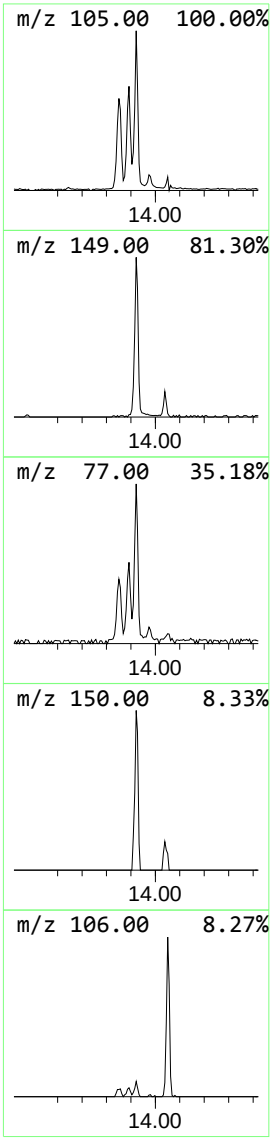
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,2'-(Ethane-1,2-diylbis(ox... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.921	2.15 ng	138437	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	83
2	Phenyl(2-phenyl-1,3-dioxolan-2-y...	298	C18H18O4	006963-16-2	83
3	Phenyl(2-phenyl-1,3-dioxolan-2-y...	256	C16H16O3	005694-69-9	78
4	Benzoic acid, 2-(2-chlorophenoxy...	276	C15H13ClO3	1000368-25-9	78
5	3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	74





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.204	75.0	ng	4435260	1	6.892	1182710	20.0
Ethanol, 2-(2-b...	8.075	10.4	ng	864654	2	8.175	1669130	20.0
1-Heneicosanol	13.898	5.1	ng	327165	5	14.051	1287230	20.0
2,2'-(Ethane-1,...	13.921	2.1	ng	138437	5	14.051	1287230	20.0