LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF123992.D
Acq On : 19 May 2021 16:09
Operator : JU/CG
Sample : M2450-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-13

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-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123992.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	7	14	20	rVB	1487630	1849883	100.00%	17.016%
2	2.275	28	32	39	rVB2	14943	20720	1.12%	0.191%
3	3.987	320	323	328	rVB	32273	38372	2.07%	0.353%
4	5.110	511	514	520	rVB	31126	29626	1.60%	0.273%
5	5.510	578	582	586	rBV	592028	552941	29.89%	5.086%
6	6.516	749	753	759	rVB	428556	343296	18.56%	3.158%
7	6.904	815	819	822	rBV	349686	275509	14.89%	2.534%
8	7.463	909	914	917	rBV	989591	993213	53.69%	9.136%
9	8.187	1033	1037	1040	rBV	469981	356986	19.30%	3.284%
10	9.263	1216	1220	1223	rBV	2114711	1717785	92.86%	15.801%
11	9.651	1283	1286	1291	rBV	105103	80450	4.35%	0.740%
12	9.945	1332	1336	1339	rBV	475450	414601	22.41%	3.814%
13	10.733	1465	1470	1473	rBV	1265499	1179685	63.77%	10.851%
14	11.428	1585	1588	1592	rBV	498739	421764	22.80%	3.880%
15	11.951	1674	1677	1681	rBV2	62255	56029	3.03%	0.515%
16	13.016	1854	1858	1861	rBV	1829636	1665986	90.06%	15.325%
17	13.910	2006	2010	2018	rBV	187693	193829	10.48%	1.783%
18	14.069	2028	2037	2041	rBV	366406	318287	17.21%	2.928%
19	14.551	2114	2119	2126	rBV8	11222	24247	1.31%	0.223%
20	15.563	2287	2291	2297	rBV2	236739	309646	16.74%	2.848%
21	16.110	2380	2384	2390	rVB6	18113	28494	1.54%	0.262%

Sum of corrected areas: 10871349

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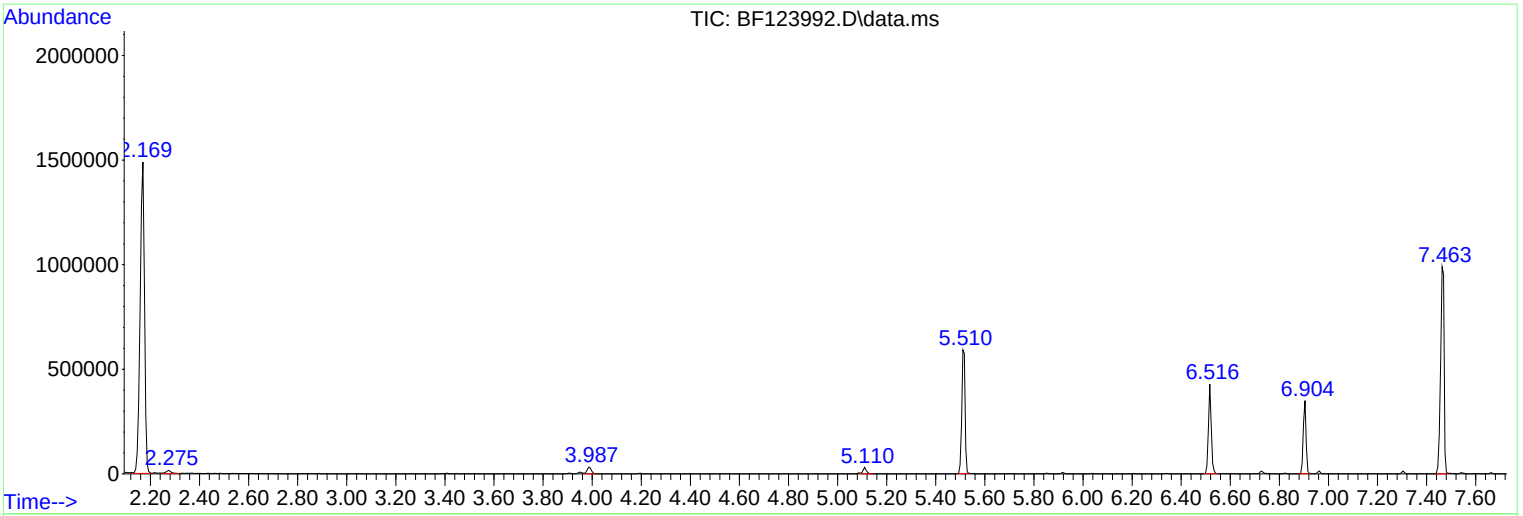
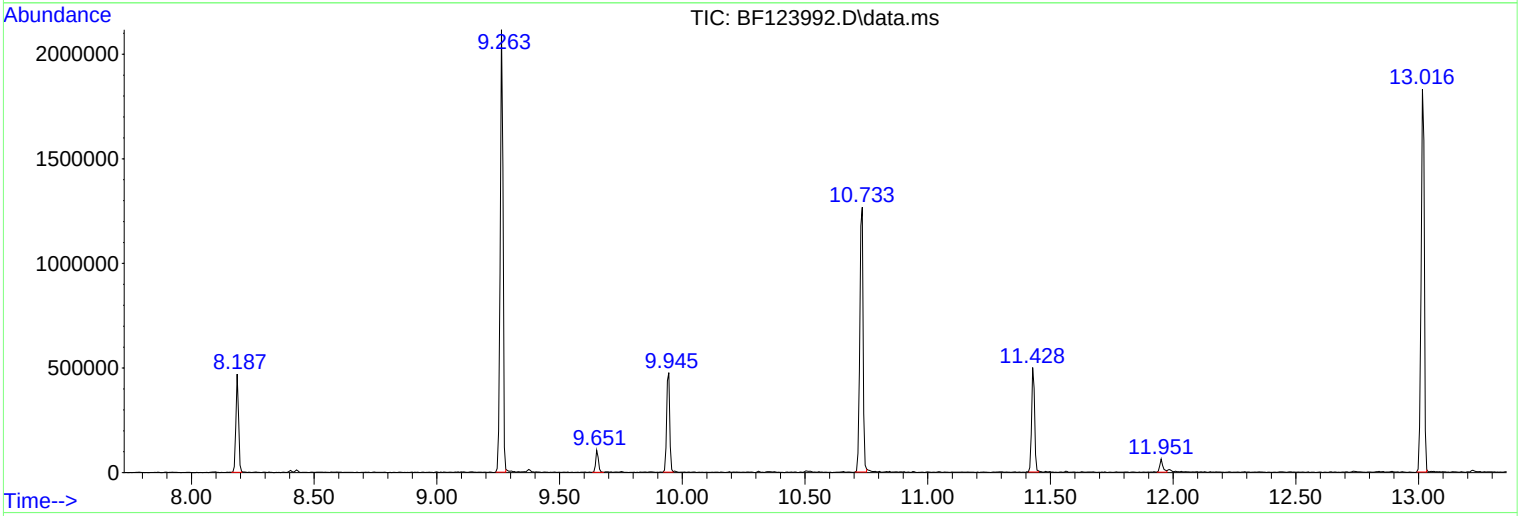
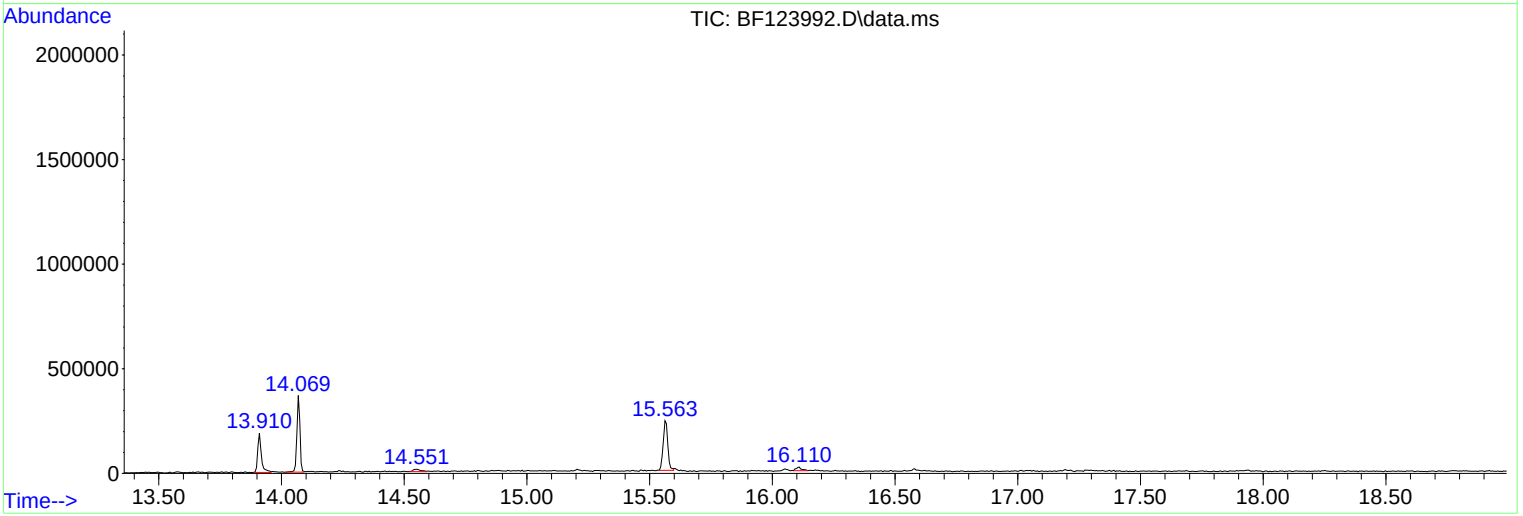
Instrument :
BNA_F
ClientSampleId :
EME-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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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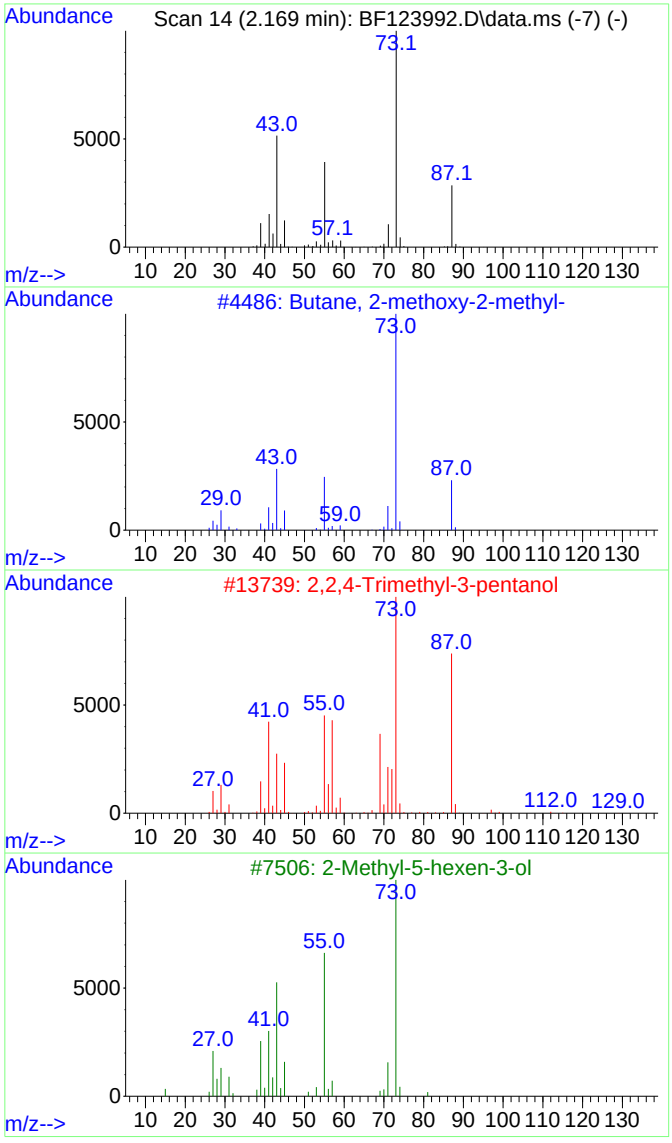
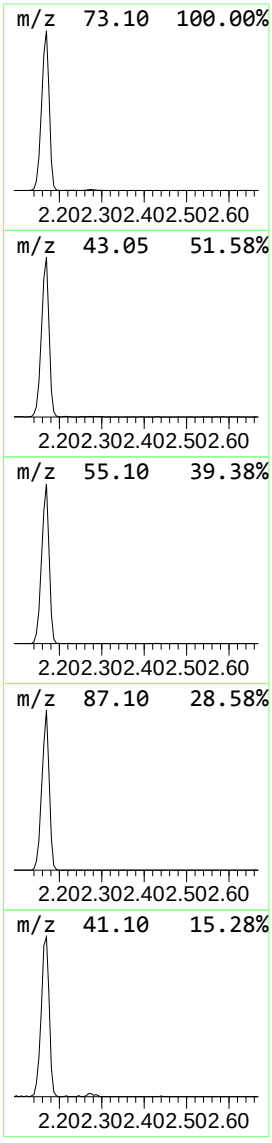
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.169	134.29 ng	1849880	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	36
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Misc :
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Instrument : BNA_F
ClientSampleId : EME-13

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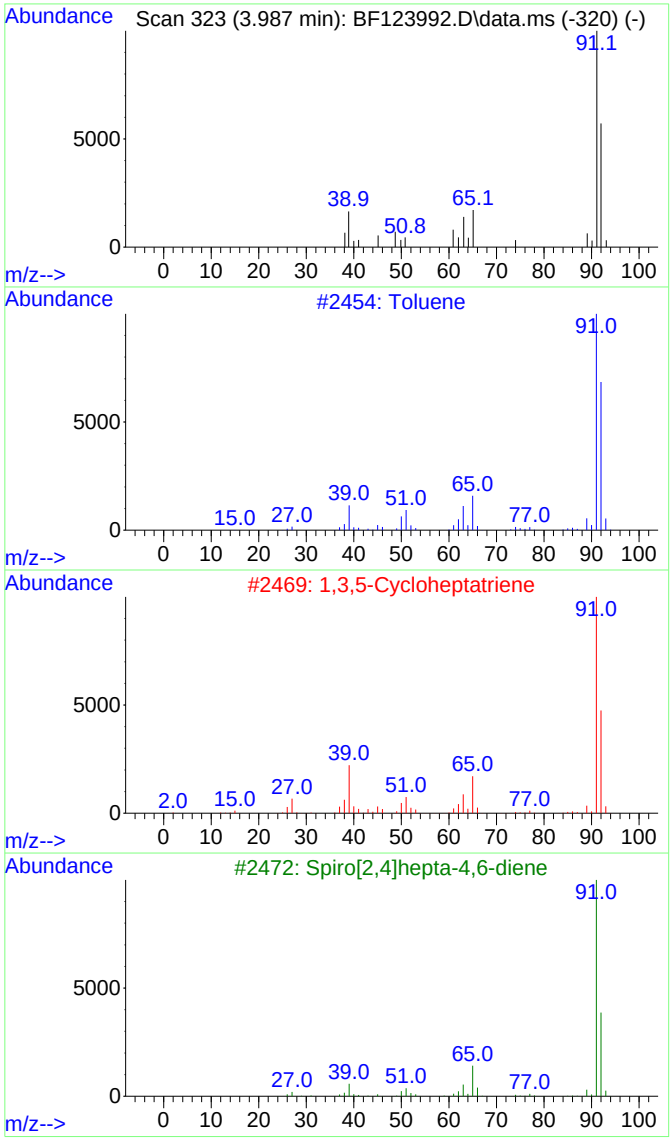
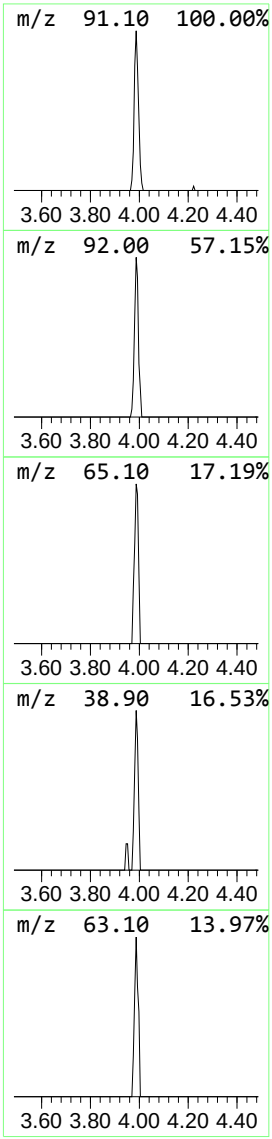
Peak Number 2 Toluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.987	2.79 ng	38372	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	86
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	86
3	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	72
4	1,5-Hexadien-3-yne, 2-methyl-	92	C7H8	000820-54-2	72
5	Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	64





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Instrument :
BNA_F
ClientSampleId :
EME-13

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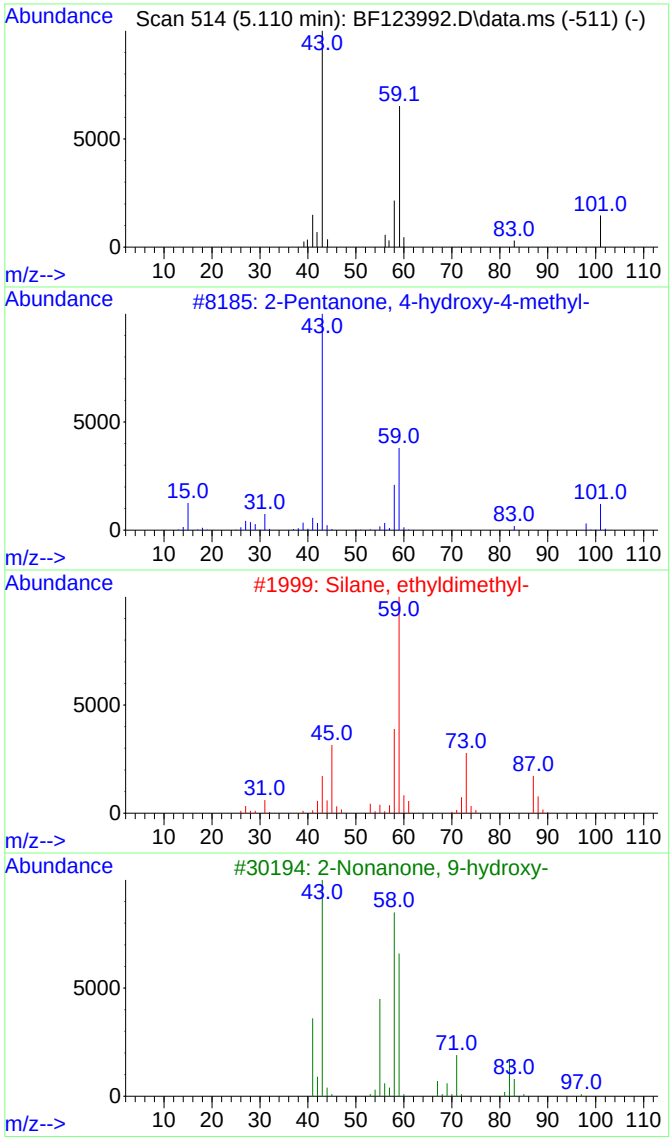
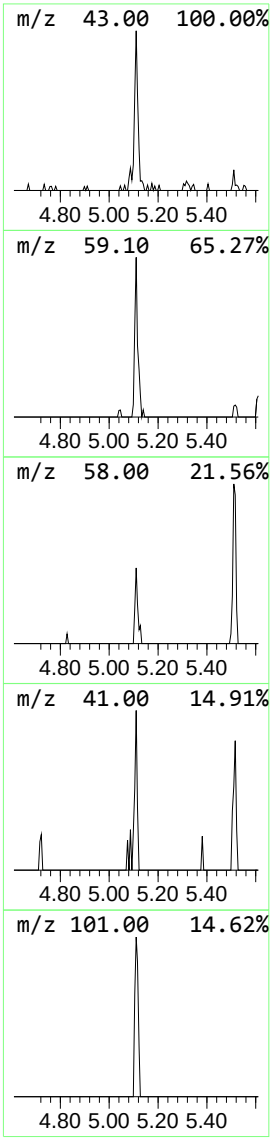
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	2.15 ng	29626	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	38
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5	Isopropyl isothiocyanate	101	C4H7NS	002253-73-8	9





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Sample : M2450-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
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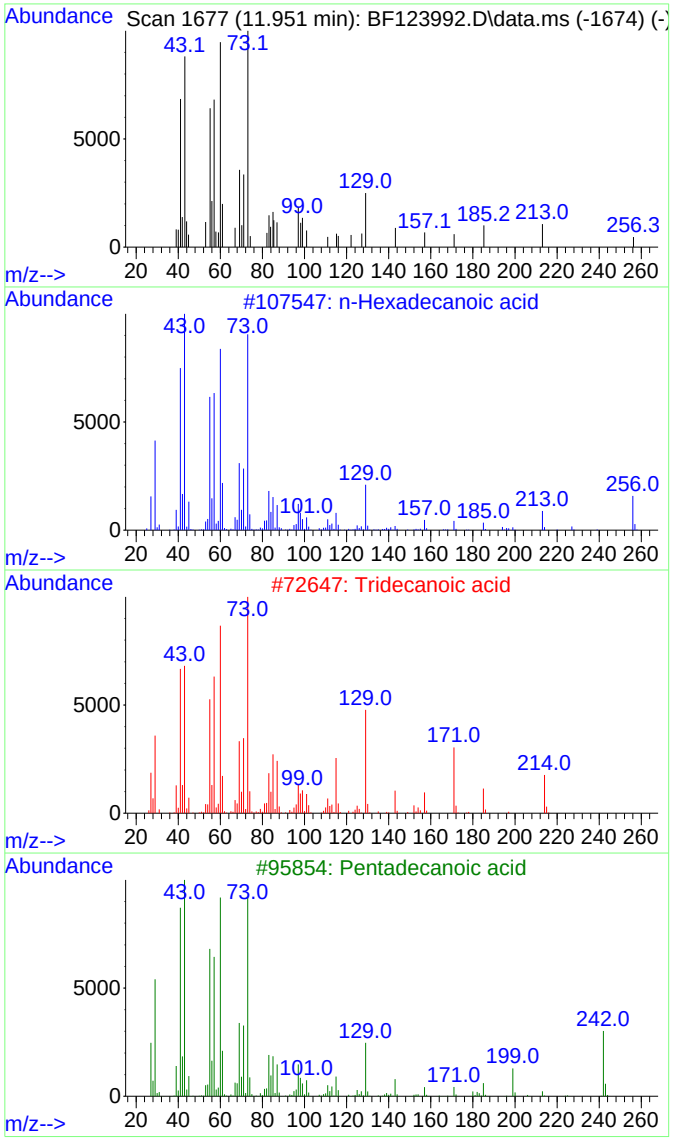
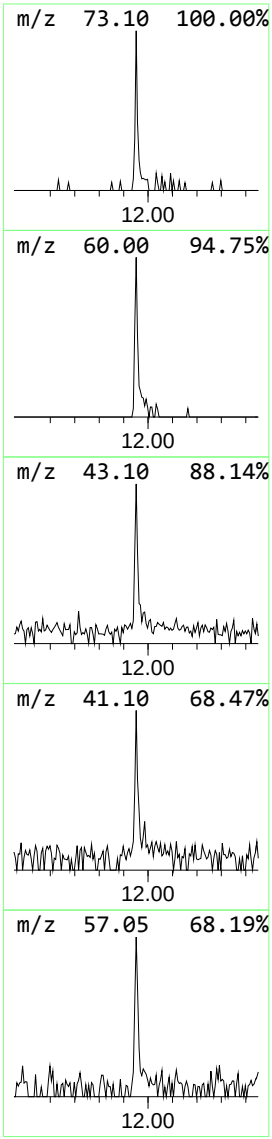
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	2.66 ng	56029	Phenanthrene-d10	11.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	78
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EME-13

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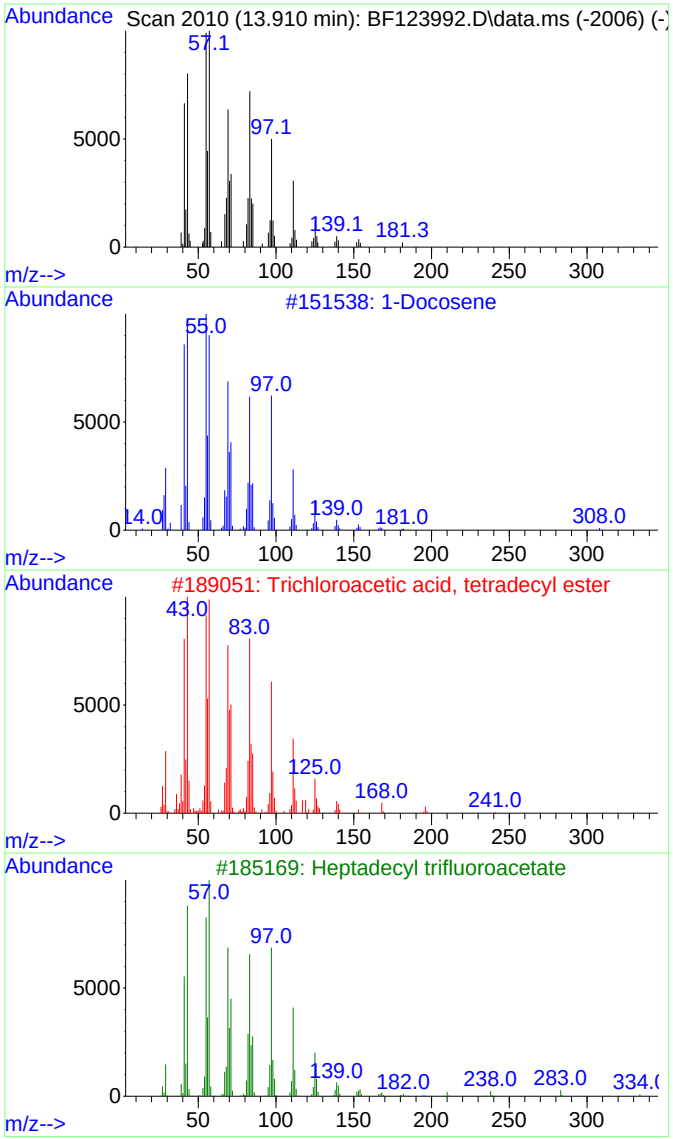
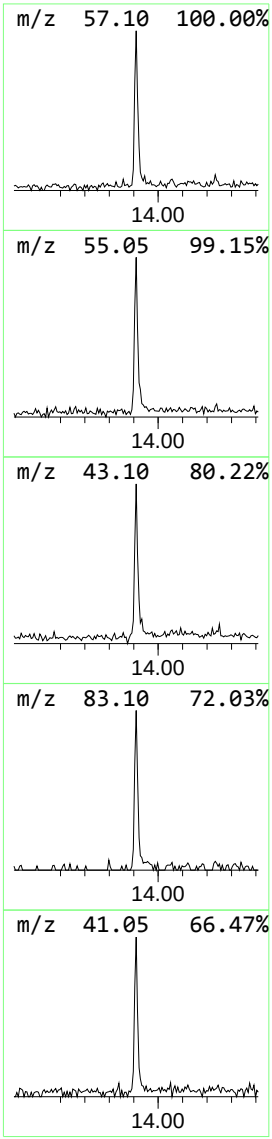
Peak Number 5 1-Docosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	12.18 ng	193829	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
4	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	91
5	1-Octadecene	252	C18H36	000112-88-9	91





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...	2.169	134.3	ng	1849880	1	6.904	275509	20.0
Toluene	3.987	2.8	ng	38372	1	6.904	275509	20.0
2-Pentanone, 4-...	5.110	2.1	ng	29626	1	6.904	275509	20.0
n-Hexadecanoic ...	11.951	2.7	ng	56029	4	11.428	421764	20.0
1-Docosene	13.910	12.2	ng	193829	5	14.069	318287	20.0