LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125433.D
Acq On : 10 Sep 2021 20:10
Operator : JU/CG
Sample : M3684-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F005130

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125433.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.193	11	18	29	rVB	1257696	1639653	50.50%	6.523%
2	2.299	32	36	46	rVB2	56199	83102	2.56%	0.331%
3	5.116	511	515	525	rVB	166256	199400	6.14%	0.793%
4	5.516	578	583	586	rBV	3444130	3240976	99.83%	12.893%
5	6.522	749	754	769	rBV	2917754	3192207	98.32%	12.699%
6	6.886	812	816	819	rBV	1075591	905802	27.90%	3.603%
7	7.451	907	912	915	rBV	2180916	2091946	64.43%	8.322%
8	8.069	1014	1017	1027	rBV	124184	197893	6.10%	0.787%
9	8.169	1030	1034	1037	rBV	1366018	1097931	33.82%	4.368%
10	9.245	1212	1217	1220	rBV	3603721	3246647	100.00%	12.915%
11	9.927	1329	1333	1336	rBV	1170193	1110627	34.21%	4.418%
12	10.716	1463	1467	1476	rBV	2008405	1810976	55.78%	7.204%
13	10.822	1482	1485	1490	rVB2	22412	34753	1.07%	0.138%
14	11.416	1582	1586	1588	rBV	1064568	999291	30.78%	3.975%
15	11.433	1588	1589	1593	rVB	92088	76250	2.35%	0.303%
16	11.933	1668	1674	1682	rBV3	177651	244492	7.53%	0.973%
17	12.627	1789	1792	1797	rBV	149906	140835	4.34%	0.560%
18	12.716	1805	1807	1813	rBV4	60179	69179	2.13%	0.275%
19	12.857	1826	1831	1837	rBV	128385	141757	4.37%	0.564%
20	12.998	1851	1855	1858	rBV	2970542	2560876	78.88%	10.187%
21	13.915	2004	2011	2018	rBV4	143434	325642	10.03%	1.295%
22	14.057	2031	2035	2038	rBV	969111	872276	26.87%	3.470%
23	15.551	2284	2289	2297	rVB	630811	855873	26.36%	3.405%

Sum of corrected areas: 25138384

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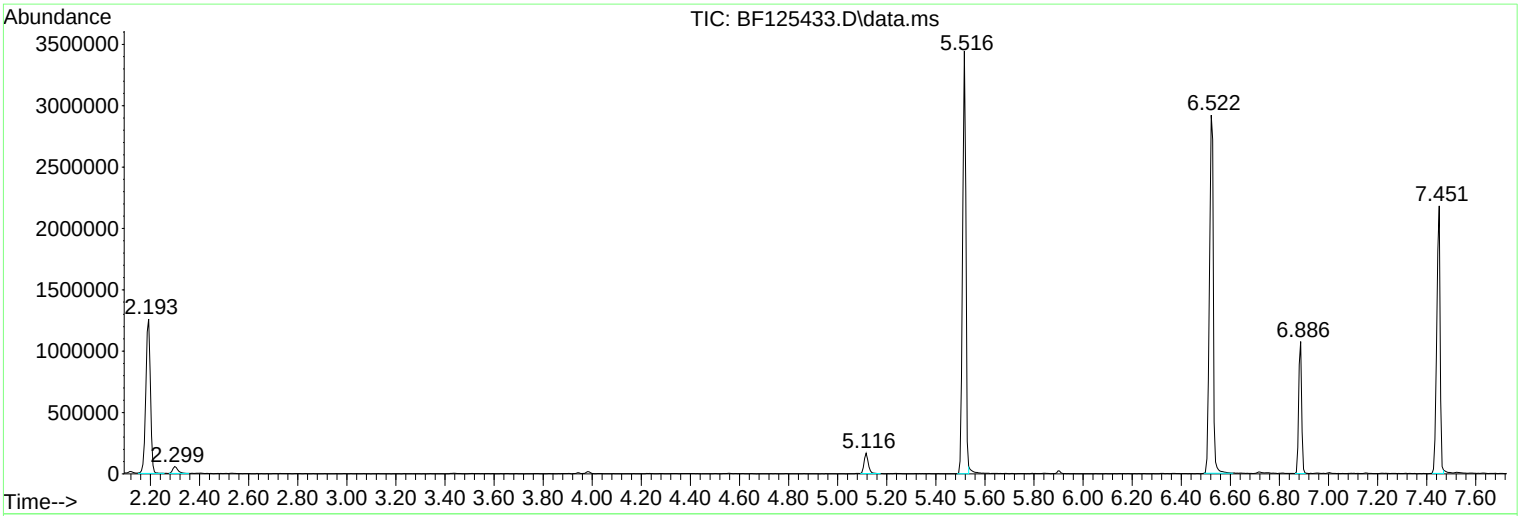
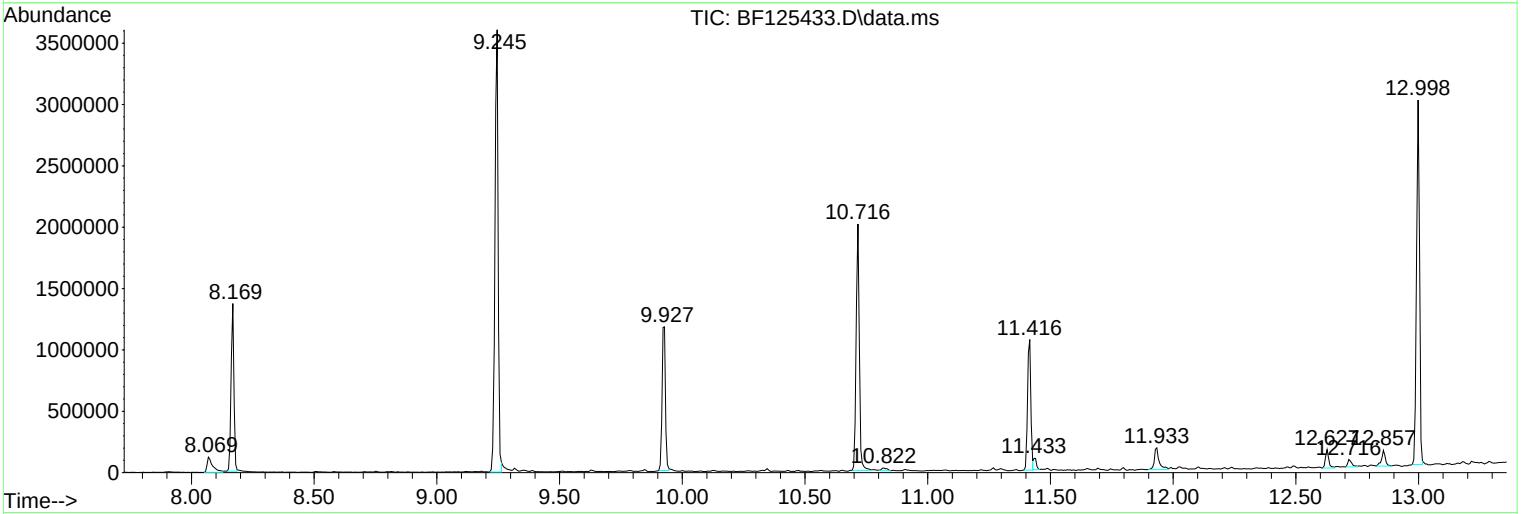
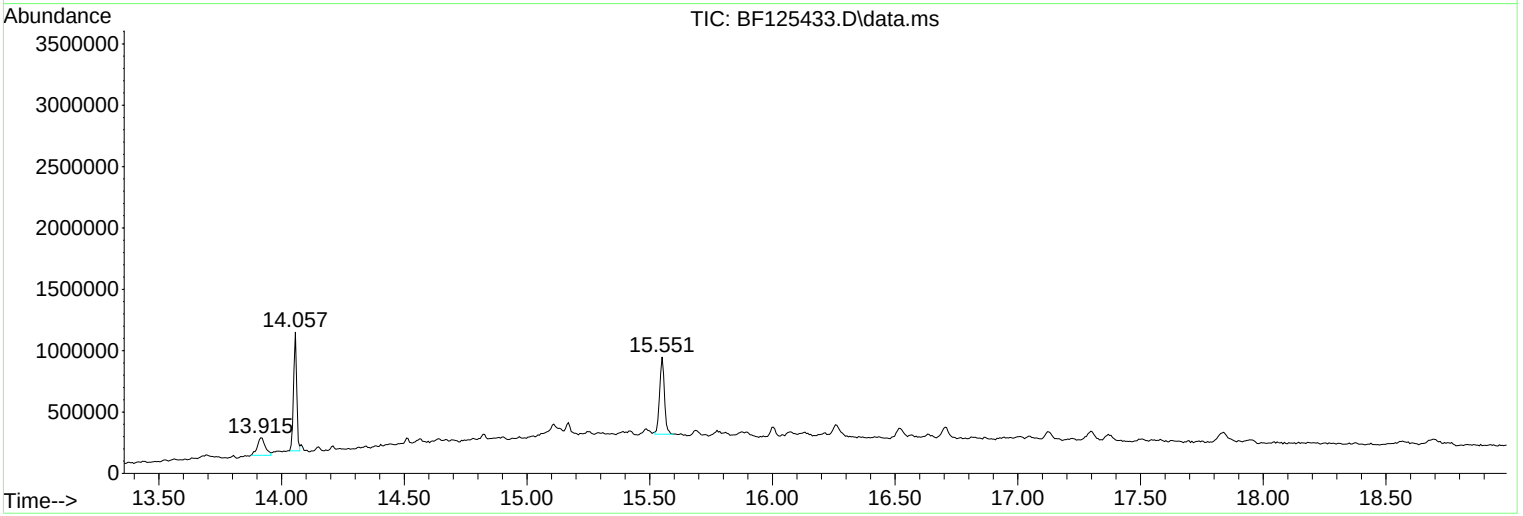
Instrument :
BNA_F
ClientSampleId :
F005130

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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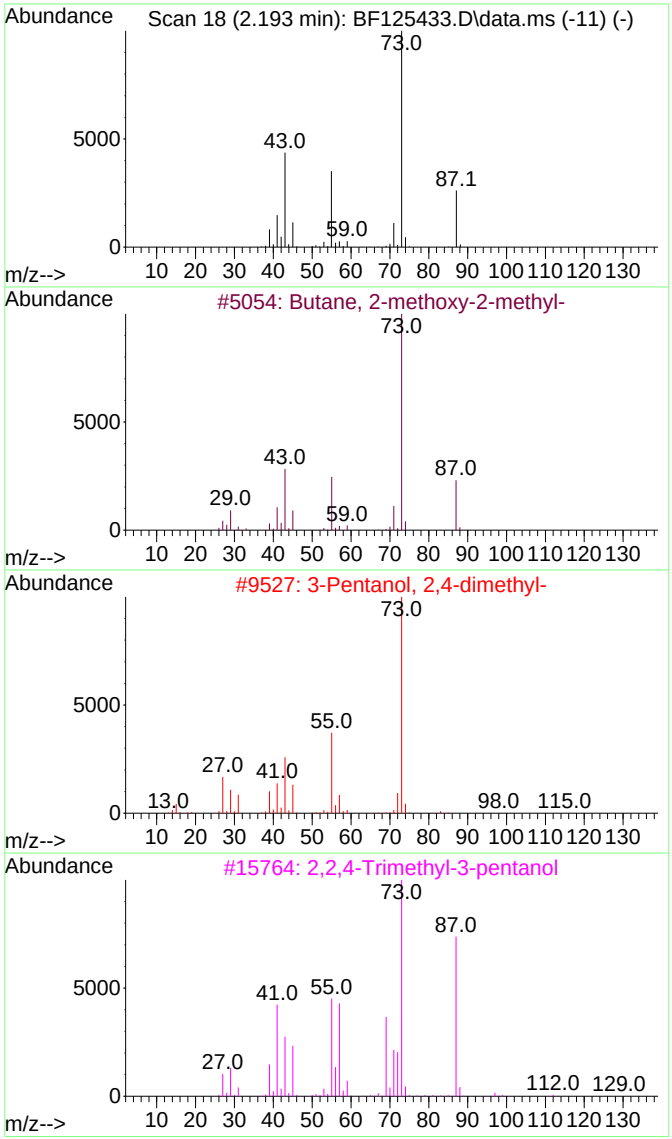
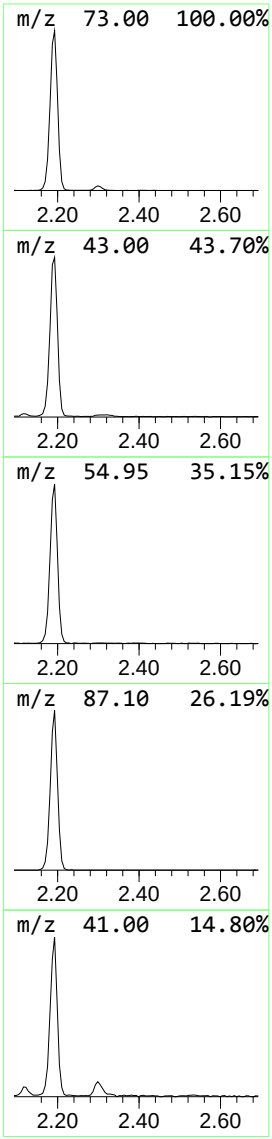
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.193	36.20 ng	1639650	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	23





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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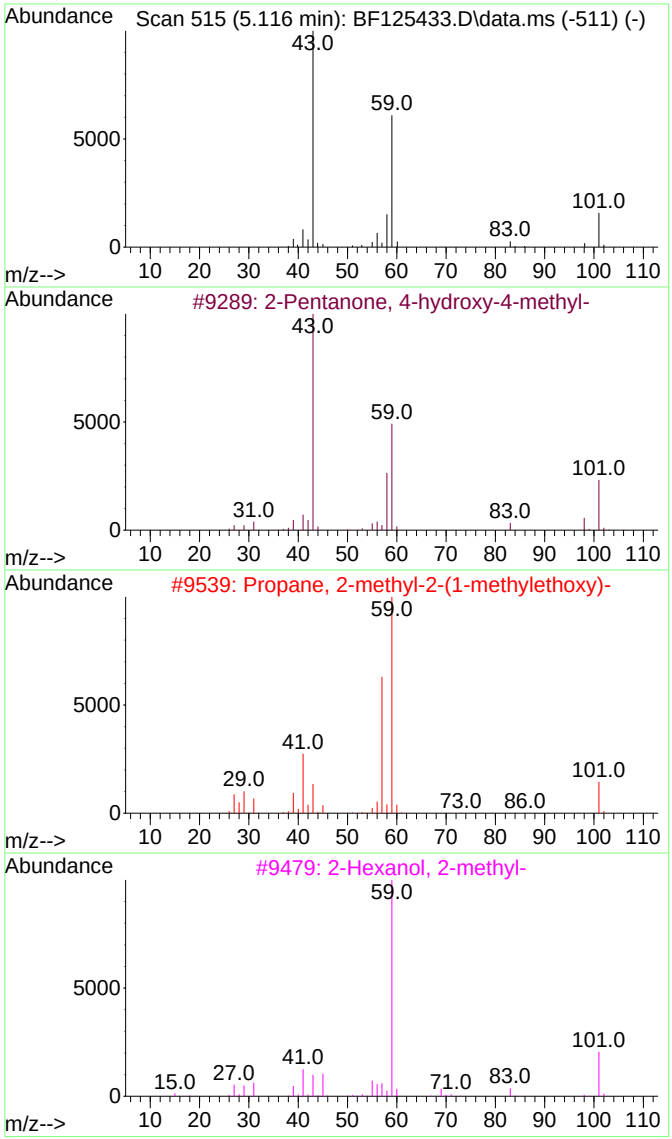
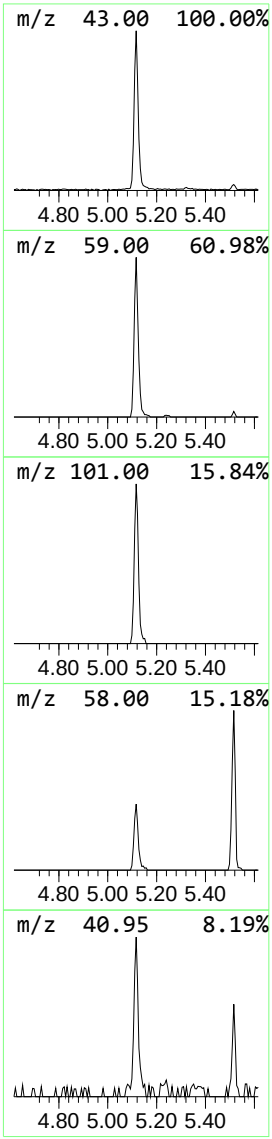
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	4.40 ng	199400	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Guanidine	59	CH5N3	000113-00-8	9





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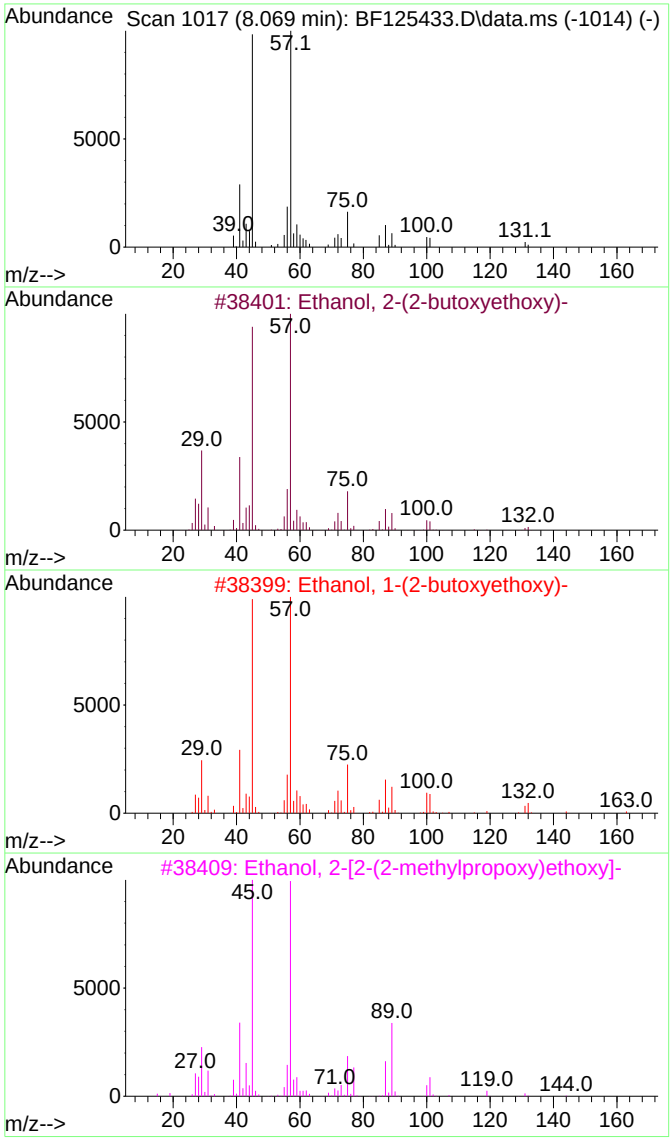
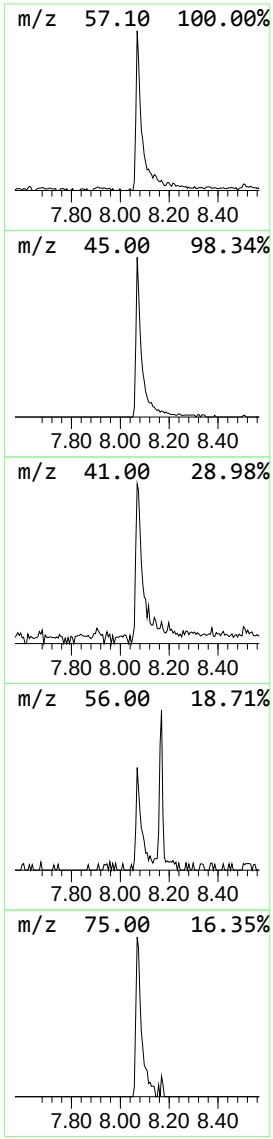
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.069	3.60 ng	197893	Naphthalene-d8	8.169

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	78
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	53
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	45





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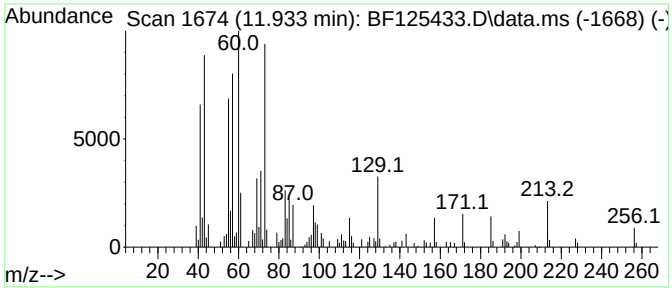
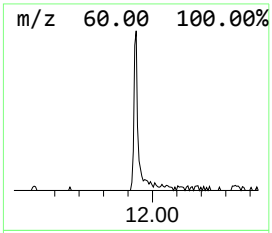
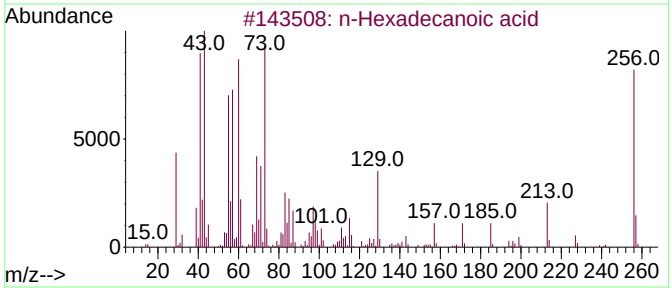
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

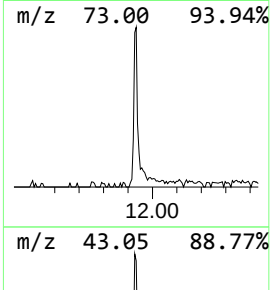
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	4.89 ng	244492	Phenanthrene-d10	11.416

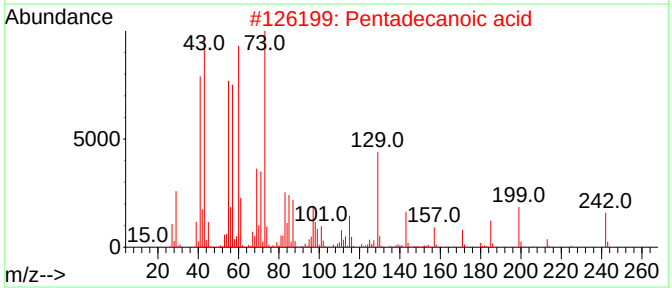
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64

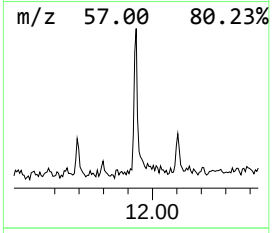


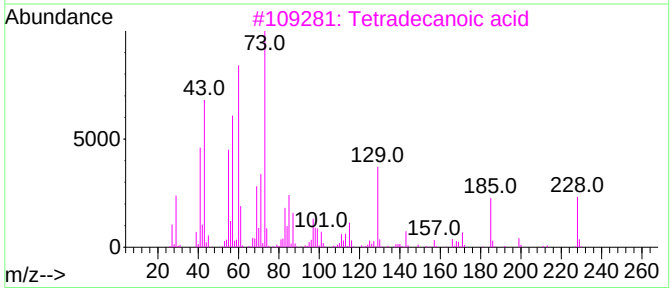


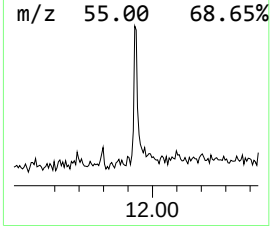












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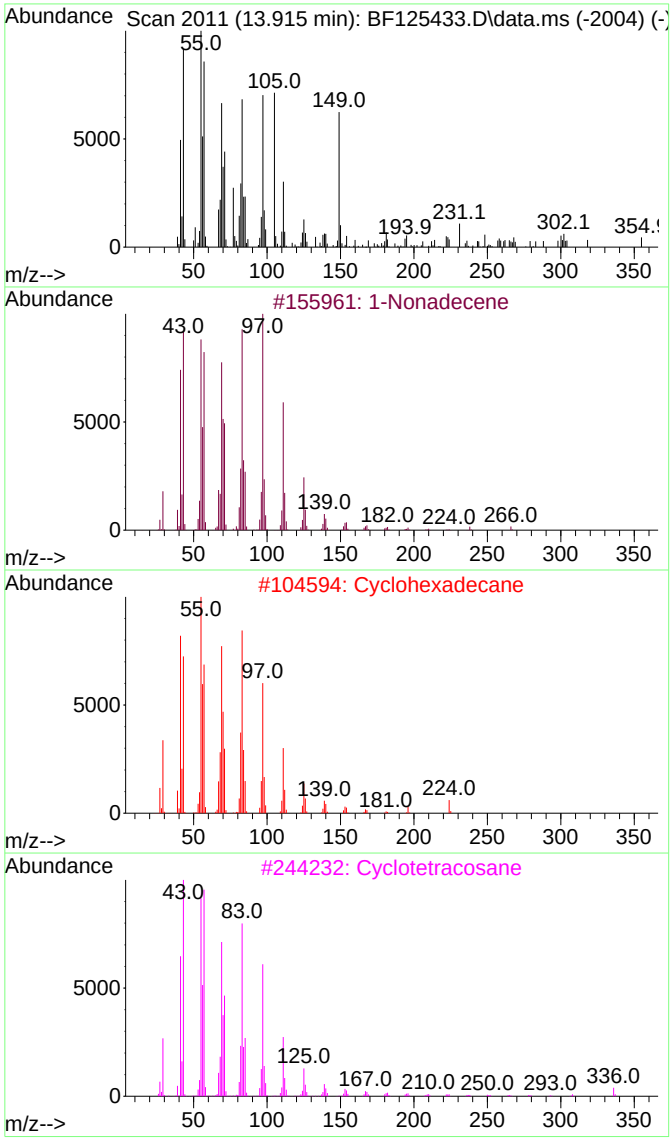
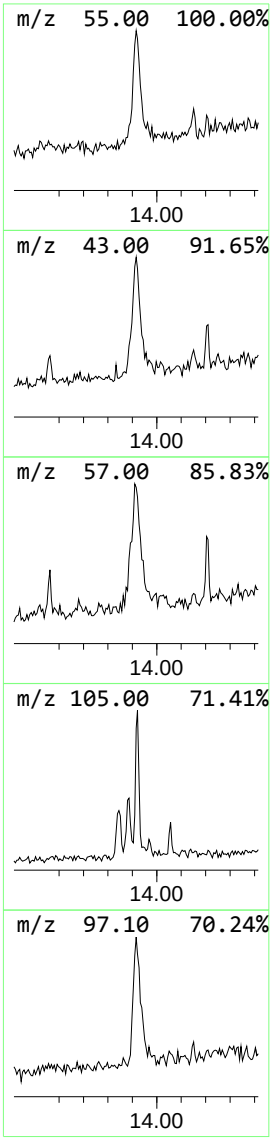
****

Peak Number 6 1-Nonadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.915	7.47 ng	325642	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	Cyclohexadecane	224	C16H32	000295-65-8	95
3	Cyclotetracosane	336	C24H48	000297-03-0	93
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	90
5	1-Docosene	308	C22H44	001599-67-3	90





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...	2.193	36.2	ng	1639650	1	6.886	905802	20.0
2-Pentanone, 4-...	5.116	4.4	ng	199400	1	6.886	905802	20.0
Ethanol, 2-(2-b...	8.069	3.6	ng	197893	2	8.169	1097930	20.0
n-Hexadecanoic ...	11.933	4.9	ng	244492	4	11.416	999291	20.0
1-Nonadecene	13.915	7.5	ng	325642	5	14.057	872276	20.0