LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
Data File : BF133999.D
Acq On : 27 Jun 2023 19:36
Operator : CG\JU
Sample : 03402-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP2-0623

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133999.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	4	9	16	rVB	1062592	1369809	59.24%	8.021%
2	2.258	25	29	35	rVB	26028	35134	1.52%	0.206%
3	5.093	507	511	524	rVB	99750	126432	5.47%	0.740%
4	5.487	574	578	581	rBV	2309317	2051629	88.73%	12.013%
5	6.487	744	748	751	rBV	2157144	2001411	86.56%	11.719%
6	6.851	806	810	816	rBV	746623	585120	25.31%	3.426%
7	7.410	901	905	908	rBV	1442866	1275336	55.16%	7.467%
8	8.128	1024	1027	1036	rVB	945572	781517	33.80%	4.576%
9	9.204	1207	1210	1214	rBV	2635867	2312240	100.00%	13.539%
10	9.886	1319	1326	1330	rBV	855356	691457	29.90%	4.049%
11	10.604	1444	1448	1454	rBV	245828	194074	8.39%	1.136%
12	10.681	1457	1461	1471	rVV	1485091	1294507	55.98%	7.580%
13	10.792	1477	1480	1486	rVB3	37605	50409	2.18%	0.295%
14	11.380	1576	1580	1583	rBV	830411	691084	29.89%	4.046%
15	11.404	1583	1584	1588	rVB	57608	36352	1.57%	0.213%
16	11.910	1667	1670	1675	rBV2	270511	263607	11.40%	1.543%
17	12.604	1784	1788	1793	rBV	74378	74560	3.22%	0.437%
18	12.704	1802	1805	1813	rBV3	50696	65411	2.83%	0.383%
19	12.833	1822	1827	1829	rBV	86510	77054	3.33%	0.451%
20	12.980	1848	1852	1855	rBV	2004532	1731080	74.87%	10.136%
21	13.210	1886	1891	1893	rBV3	26609	35437	1.53%	0.207%
22	13.886	2002	2006	2014	rBV	175850	243984	10.55%	1.429%
23	14.039	2028	2032	2035	rBV	554344	550274	23.80%	3.222%
24	14.204	2058	2060	2064	rVB	37767	32877	1.42%	0.193%
25	15.098	2210	2212	2220	rVB	86230	142730	6.17%	0.836%
26	15.545	2284	2288	2292	rBV	296833	365184	15.79%	2.138%

Sum of corrected areas: 17078709

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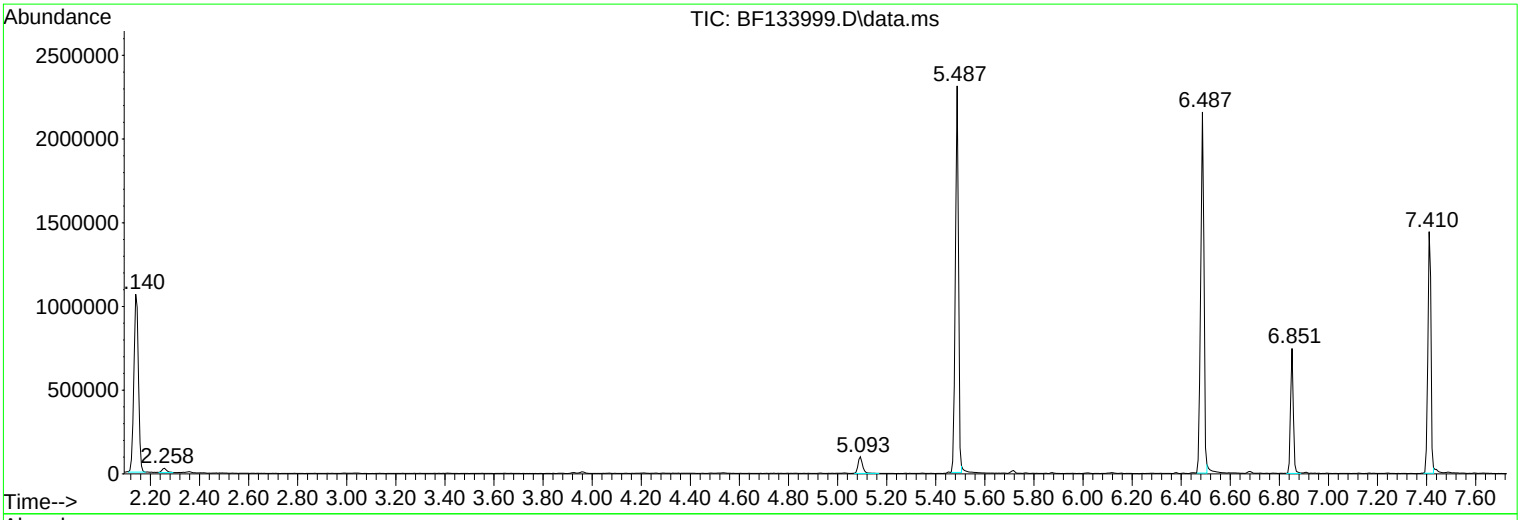
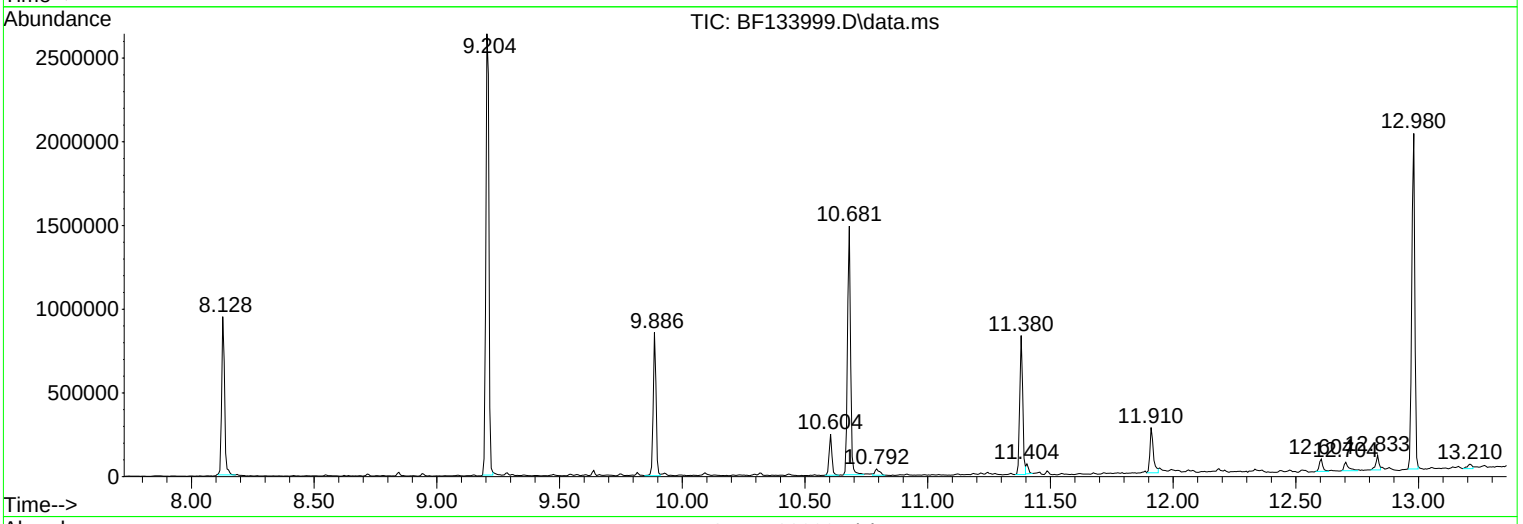
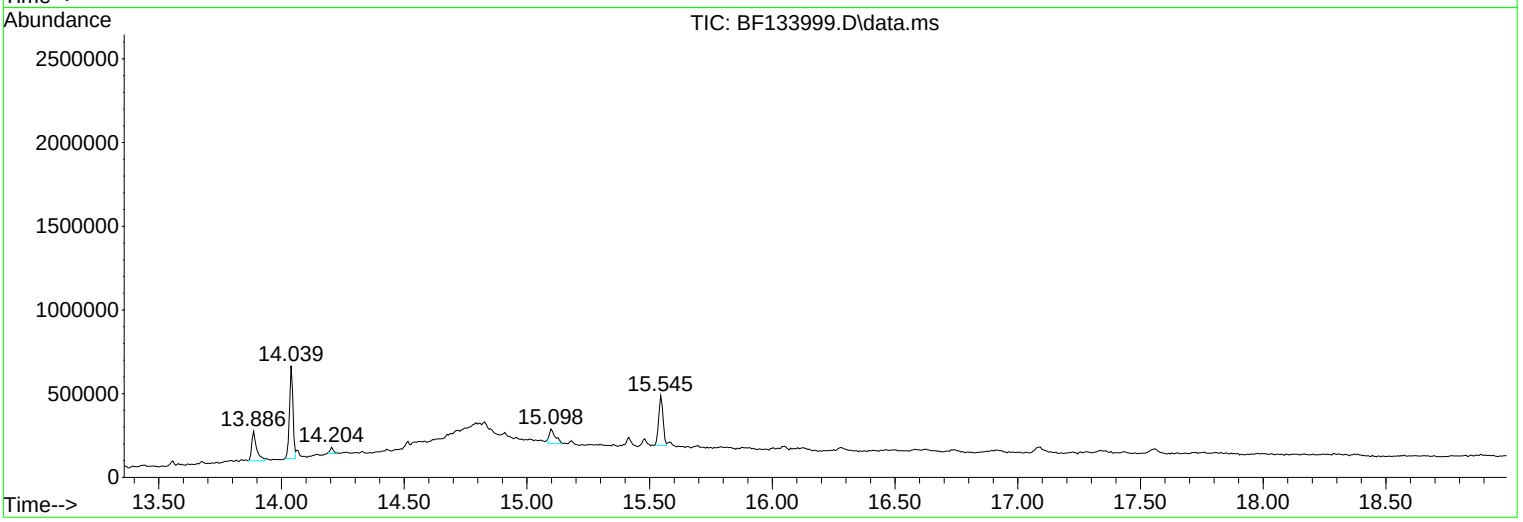
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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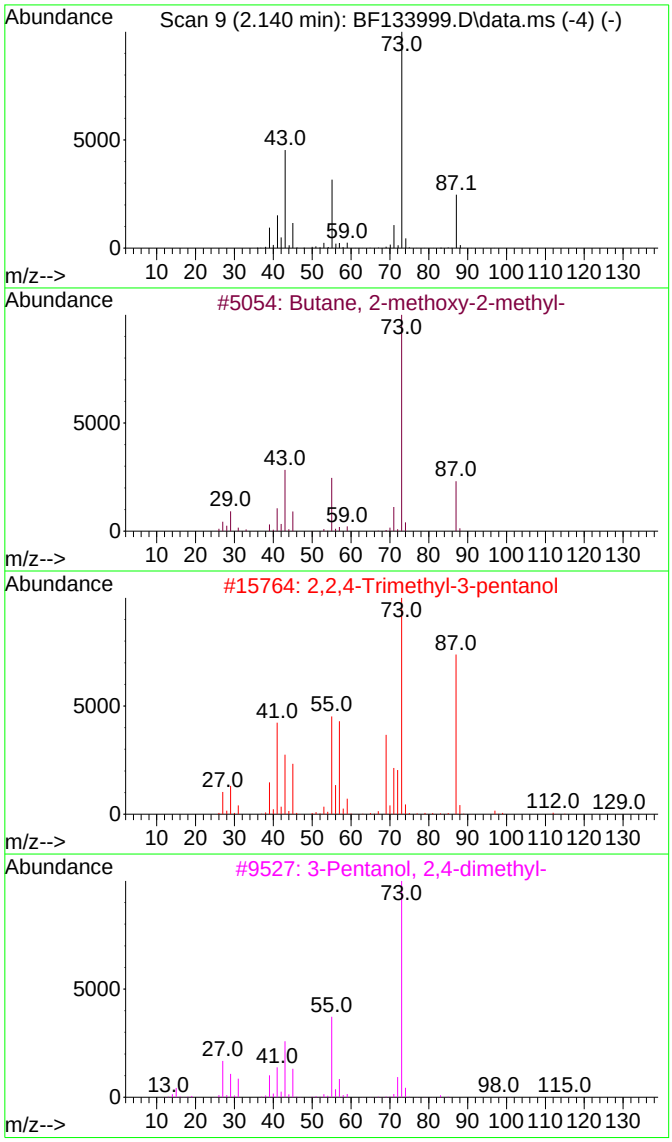
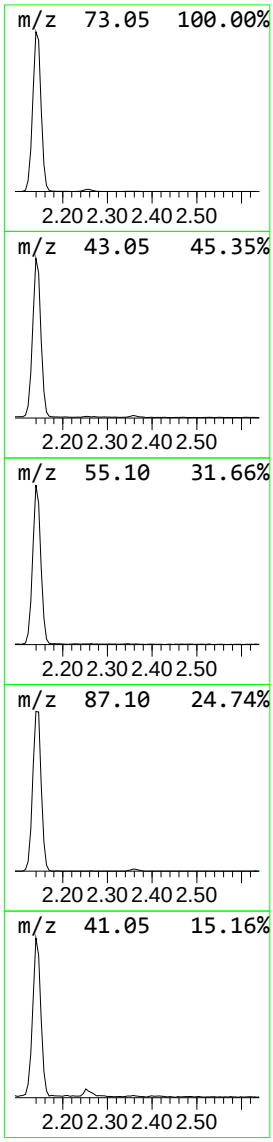
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	46.82 ng	1369810	1,4-Dichlorobenzene-d4	6.851

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	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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TIC Library : C:\Database\NIST20.L
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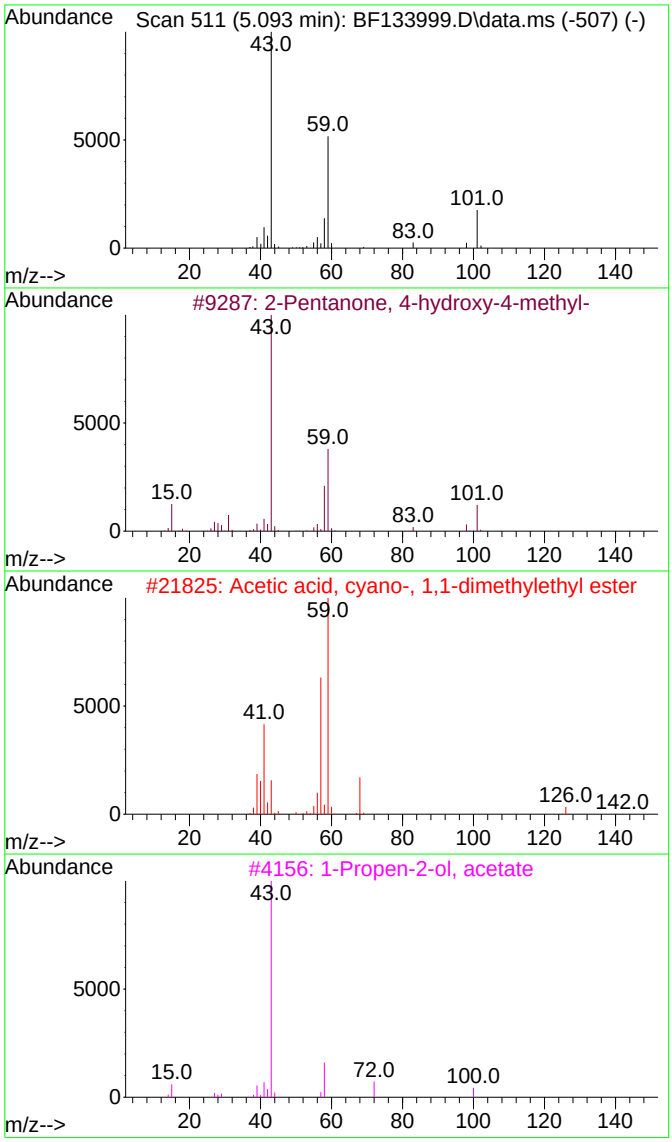
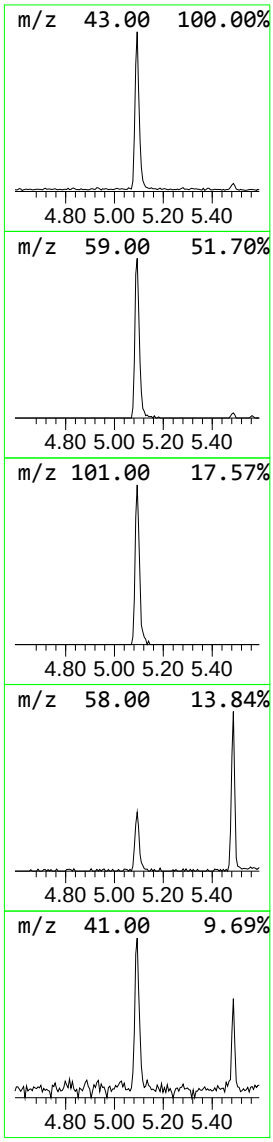
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	4.32 ng	126432	1,4-Dichlorobenzene-d4	6.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9





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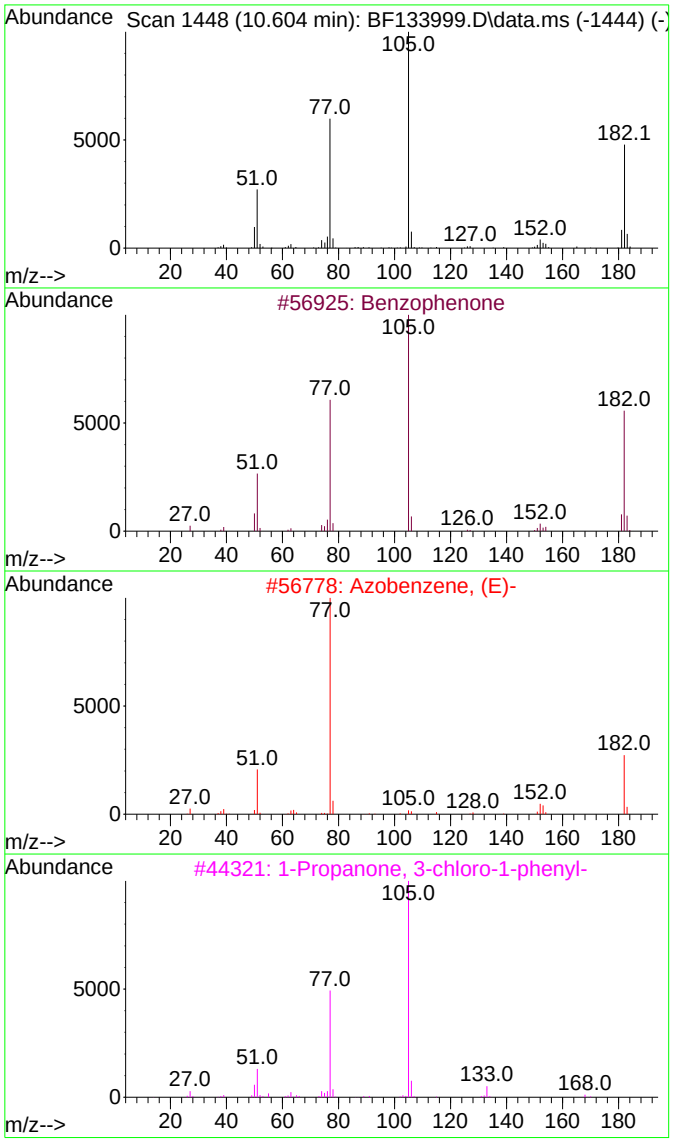
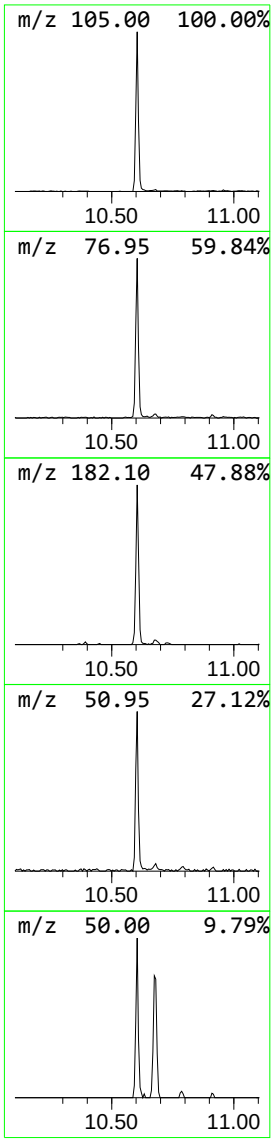
Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.604	5.61 ng	194074	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
3	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	50
4	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	50
5	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	50





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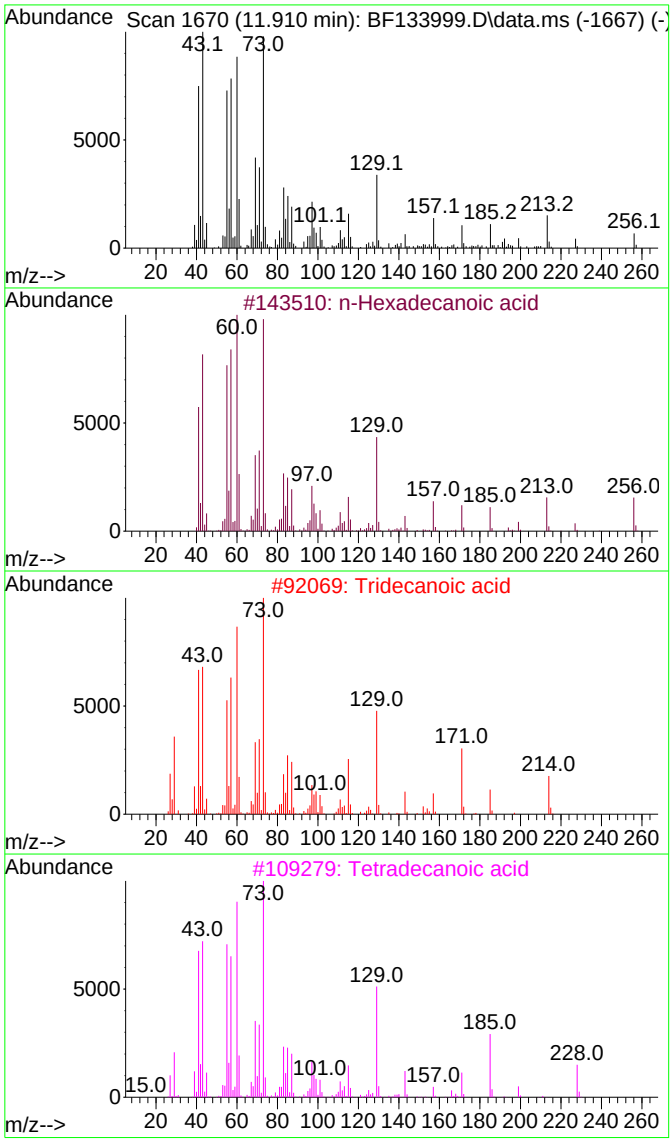
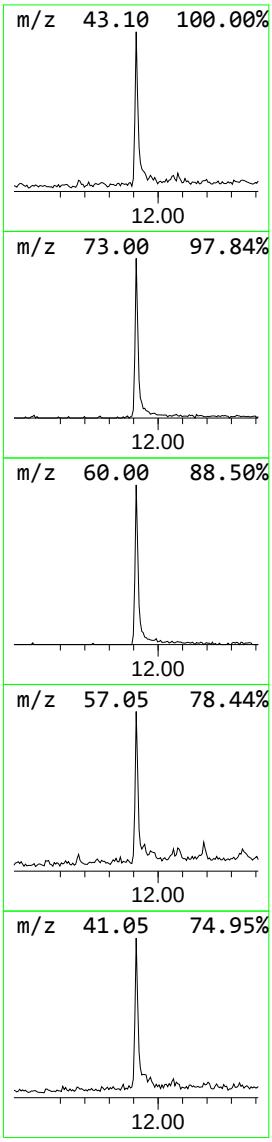
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	7.63 ng	263607	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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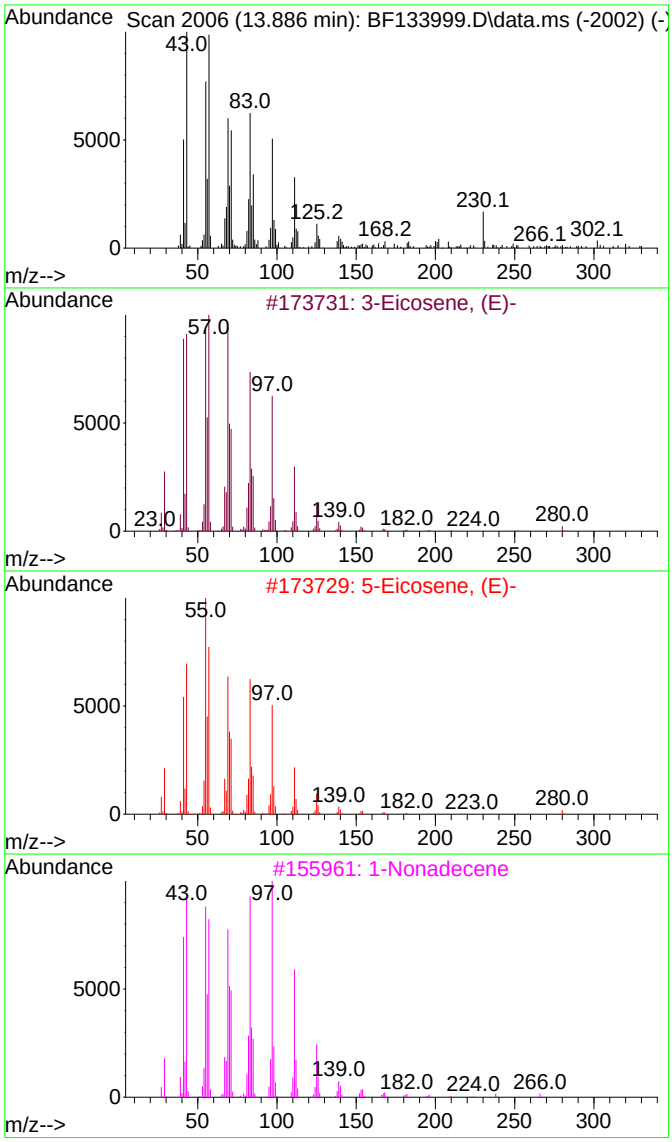
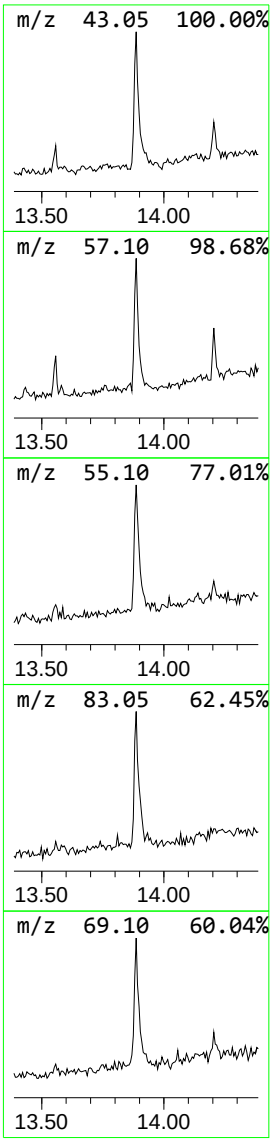
Peak Number 7 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	8.87 ng	243984	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
3	1-Nonadecene	266	C19H38	018435-45-5	96
4	1-Tricosene	322	C23H46	018835-32-0	96
5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93





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...	2.140	46.8	ng	1369810	1	6.851	585120	20.0
2-Pentanone, 4-...	5.093	4.3	ng	126432	1	6.851	585120	20.0
Benzophenone	10.604	5.6	ng	194074	3	9.886	691457	20.0
n-Hexadecanoic ...	11.910	7.6	ng	263607	4	11.381	691084	20.0
3-Eicosene, (E)-	13.886	8.9	ng	243984	5	14.039	550274	20.0