

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135436.D
 Acq On : 25 Sep 2023 19:54
 Operator : CG\JU
 Sample : 04567-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SE-SOIL-1

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-BF091123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135436.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.986	489	493	501	rBV	54905	67467	2.02%	0.295%
2	5.386	557	561	584	rVB	3372904	3248912	97.16%	14.203%
3	6.316	715	719	729	rBV	57726	77417	2.32%	0.338%
4	6.398	729	733	749	rVV	3293255	3343886	100.00%	14.619%
5	6.751	790	793	800	rBV	1153532	948999	28.38%	4.149%
6	7.316	885	889	901	rBV	2331223	2229092	66.66%	9.745%
7	8.033	1007	1011	1014	rBV	1283667	1176838	35.19%	5.145%
8	9.110	1189	1194	1197	rBV	3639354	3202471	95.77%	14.000%
9	9.227	1211	1214	1223	rVB	55286	59366	1.78%	0.260%
10	9.786	1305	1309	1313	rBV	1395937	1175679	35.16%	5.140%
11	10.580	1440	1444	1460	rBV	1686379	1546414	46.25%	6.761%
12	10.951	1504	1507	1514	rBV2	29103	36357	1.09%	0.159%
13	11.280	1559	1563	1568	rBV	1158887	951051	28.44%	4.158%
14	11.739	1639	1641	1647	rBV3	32293	40982	1.23%	0.179%
15	11.815	1647	1654	1666	rVV	453893	488249	14.60%	2.135%
16	12.527	1765	1775	1785	rBV4	33781	95102	2.84%	0.416%
17	12.604	1785	1788	1797	rBV	75310	112751	3.37%	0.493%
18	12.874	1830	1834	1838	rBV	2255431	1980387	59.22%	8.658%
19	13.786	1986	1989	1993	rVB	38872	37473	1.12%	0.164%
20	13.856	1995	2001	2003	rBV5	41490	71835	2.15%	0.314%
21	13.939	2011	2015	2022	rVB	778064	762896	22.81%	3.335%
22	14.409	2092	2095	2100	rVB2	46832	48668	1.46%	0.213%
23	14.786	2155	2159	2163	rBV	346576	329182	9.84%	1.439%
24	15.051	2201	2204	2208	rVB2	47929	50370	1.51%	0.220%
25	15.403	2259	2264	2278	rVB	557682	792184	23.69%	3.463%

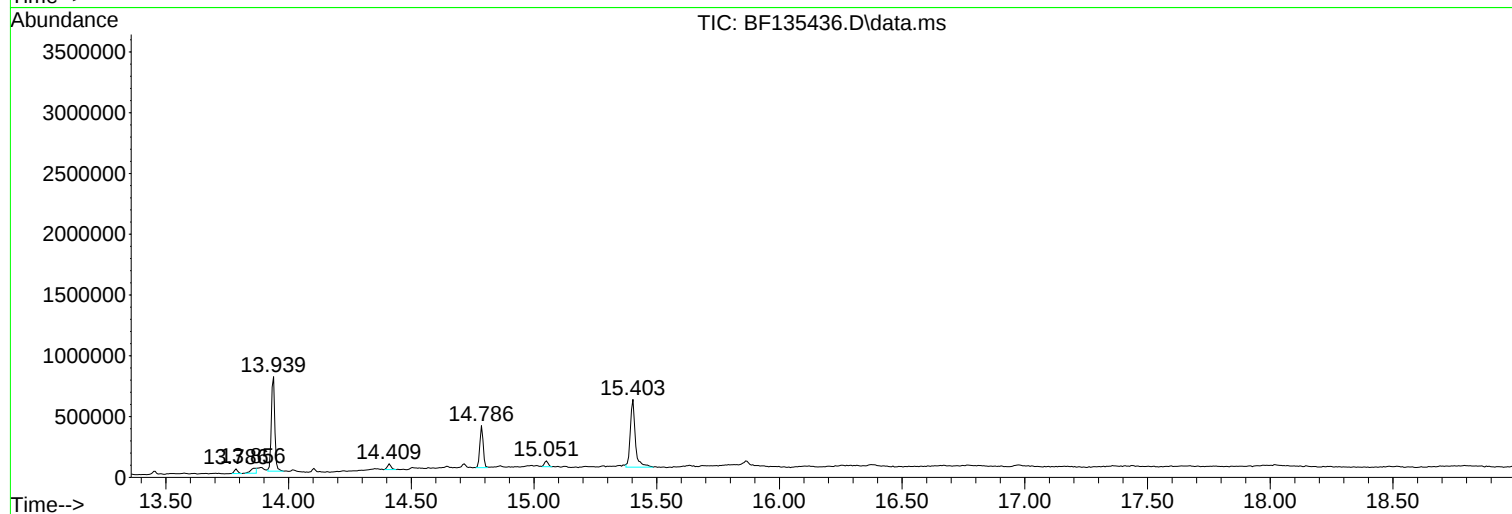
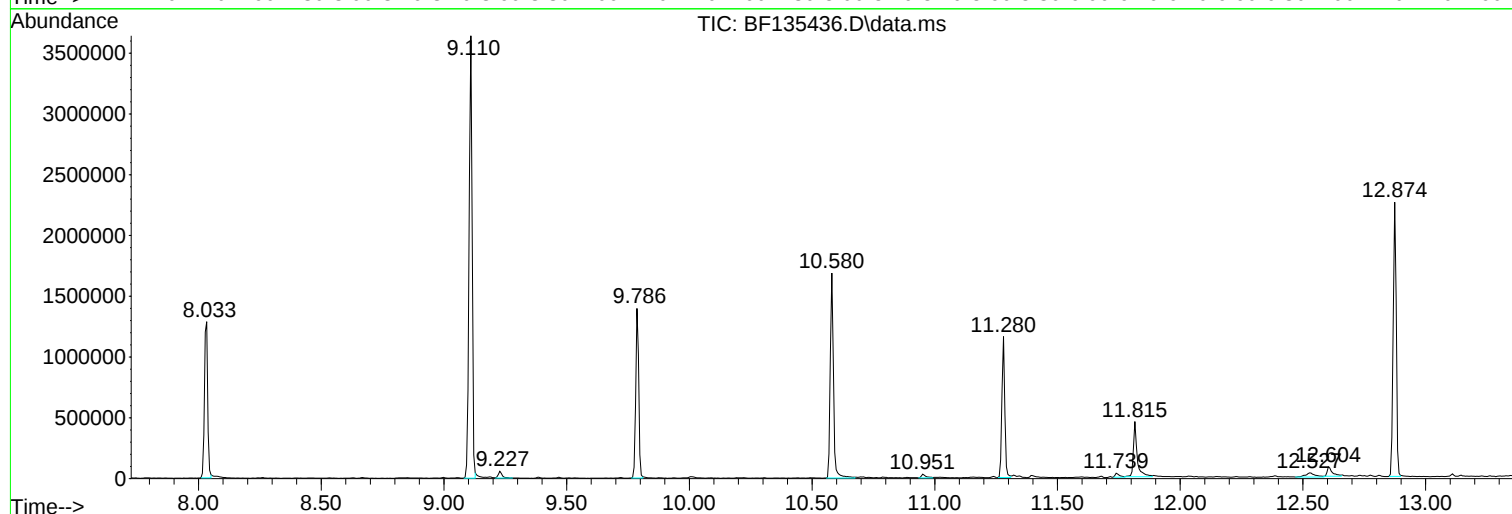
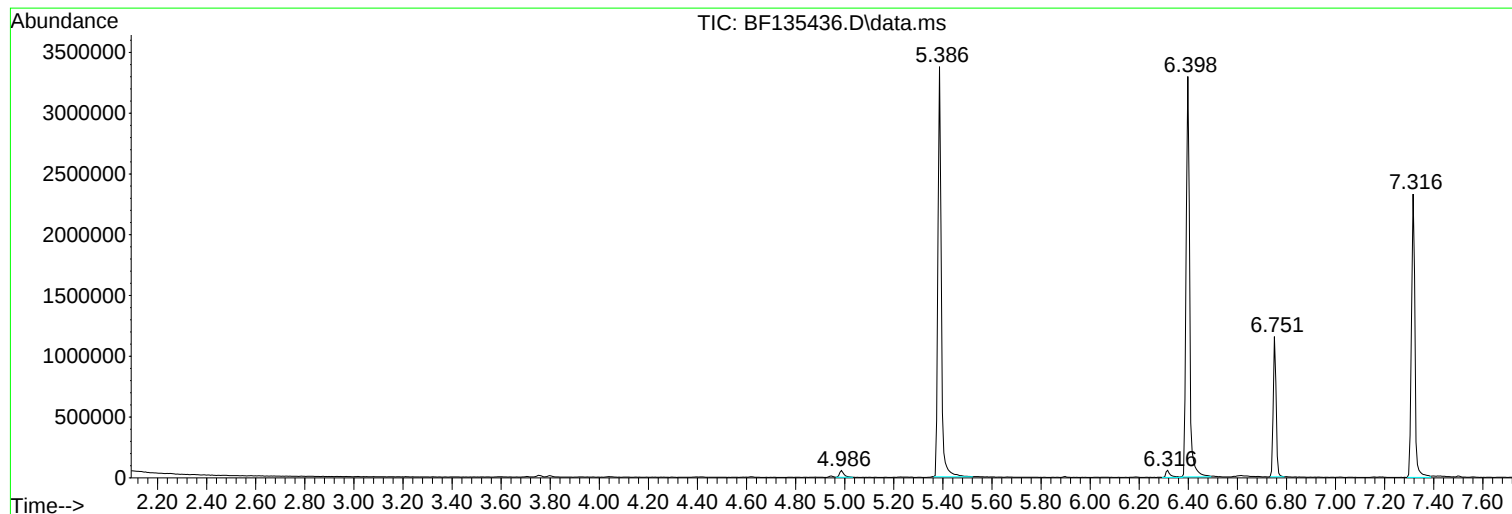
Sum of corrected areas: 22874028

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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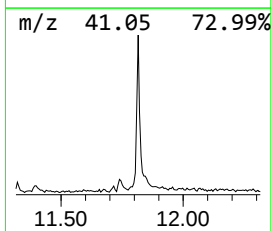
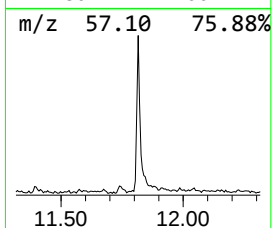
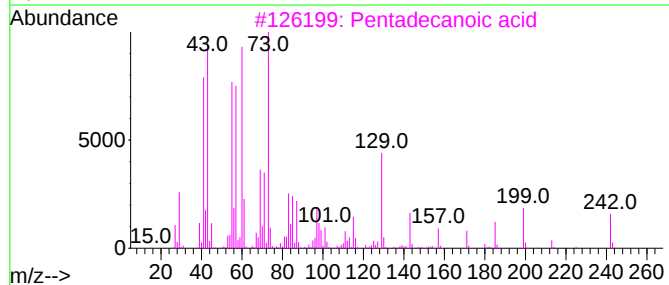
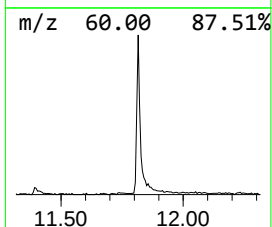
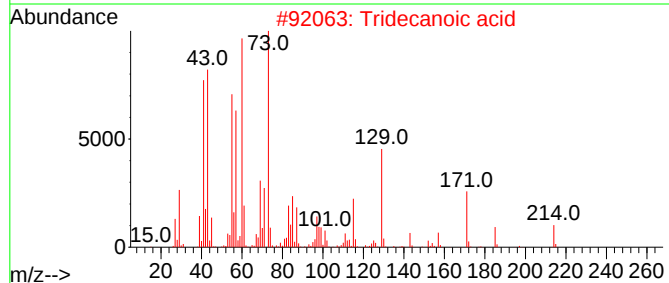
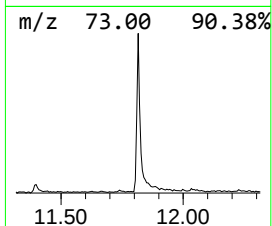
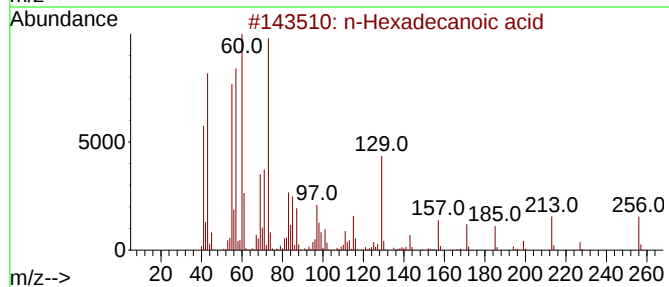
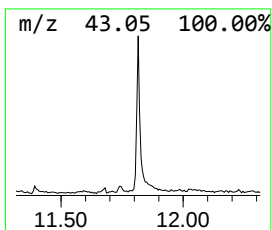
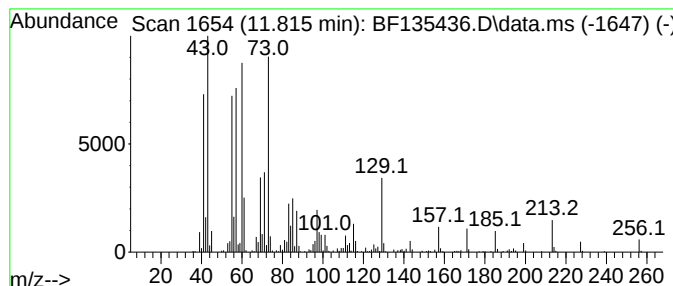
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.815	10.27 ng	488249	Phenanthrene-d10	11.280

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



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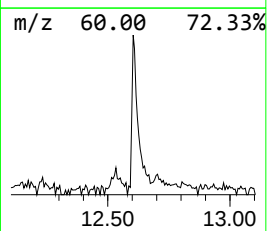
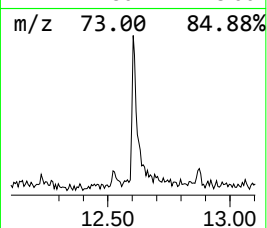
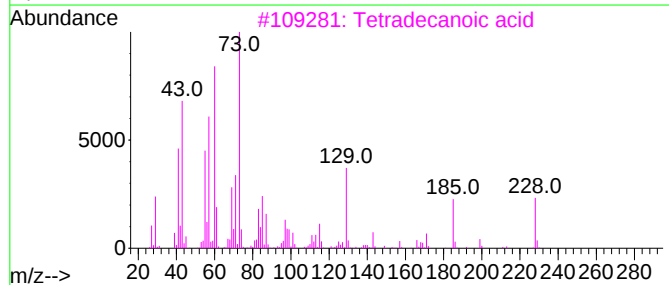
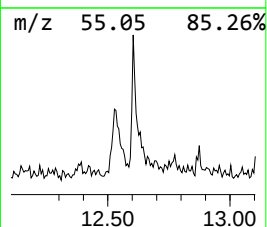
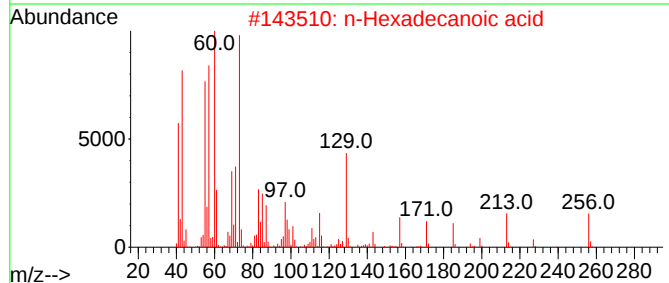
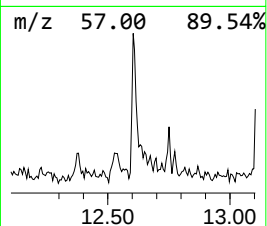
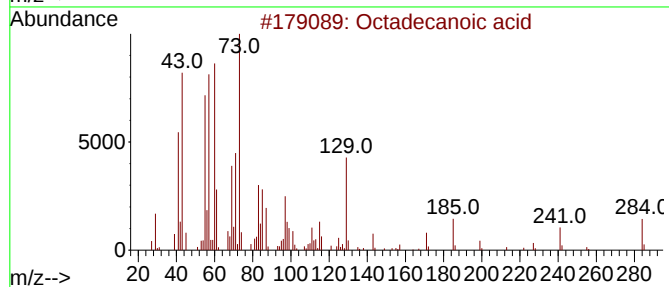
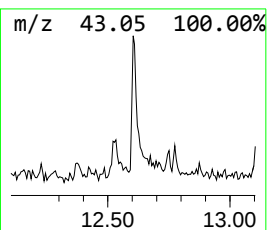
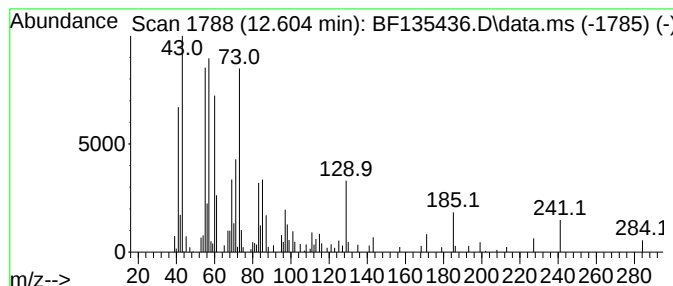
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.604	2.37 ng	112751	Phenanthrene-d10	11.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	91
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4			Hexadecyl nonyl ether	368	C25H52O	1000406-37-7	38
5			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	38



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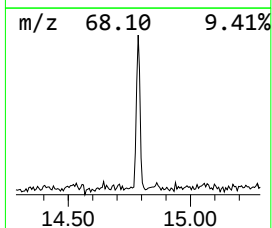
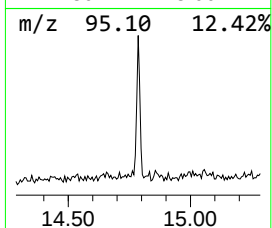
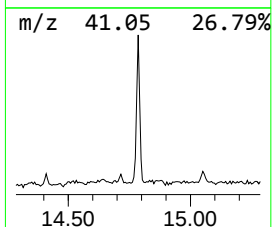
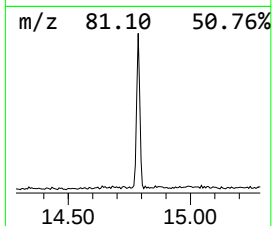
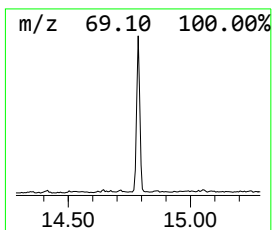
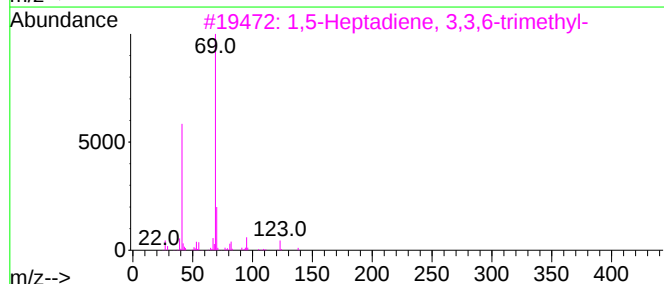
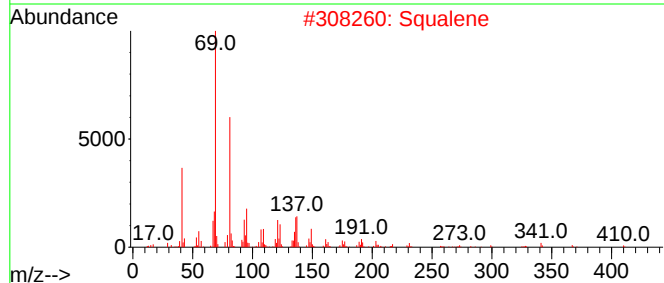
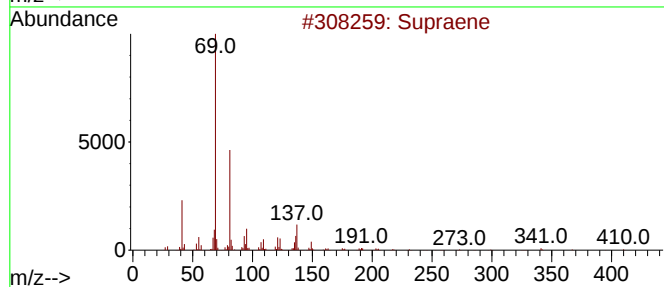
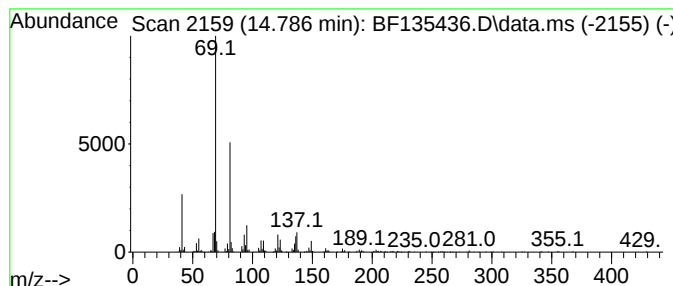
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Peak Number 3 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	8.31 ng	329182	Perylene-d12	15.403

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	91
2			Squalene	410	C30H50	000111-02-4	90
3			1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	58
4			2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50
5			1,5-Heptadiene, 3,3,5-trimethyl-	138	C10H18	074630-29-8	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.815	10.3	ng	488249	4	11.280	951051	20.0
Octadecanoic acid	12.604	2.4	ng	112751	4	11.280	951051	20.0
Supraene	14.786	8.3	ng	329182	6	15.403	792184	20.0