

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136382.D
 Acq On : 04 Dec 2023 15:19
 Operator : CG\JU
 Sample : 05521-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4-COMP

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-BF112723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136382.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.039	497	502	508	rVB	38293	46318	1.86%	0.277%
2	5.439	565	570	573	rBV	2036259	1975887	79.42%	11.823%
3	6.439	735	740	743	rBV	2106818	1990111	79.99%	11.908%
4	6.798	798	801	805	rVB	765801	671247	26.98%	4.016%
5	7.363	892	897	900	rBV	1403859	1258392	50.58%	7.530%
6	8.080	1015	1019	1022	rBV	977556	858660	34.51%	5.138%
7	9.157	1198	1202	1205	rBV	3345252	2488028	100.00%	14.887%
8	9.274	1219	1222	1225	rBV	38949	31953	1.28%	0.191%
9	9.833	1313	1317	1321	rBV	1099298	901285	36.22%	5.393%
10	10.627	1448	1452	1455	rBV	1259717	1201373	48.29%	7.189%
11	11.327	1567	1571	1574	rBV	887494	777136	31.24%	4.650%
12	11.862	1658	1662	1672	rBV2	307918	294521	11.84%	1.762%
13	12.115	1702	1705	1709	rBV4	63838	53302	2.14%	0.319%
14	12.539	1773	1777	1780	rBV	47782	58612	2.36%	0.351%
15	12.651	1793	1796	1802	rBV4	71226	73381	2.95%	0.439%
16	12.745	1809	1812	1815	rBV2	59458	61988	2.49%	0.371%
17	12.768	1815	1816	1820	rVB	42979	35604	1.43%	0.213%
18	12.921	1838	1842	1845	rBV	2448403	2067662	83.10%	12.372%
19	13.851	1995	2000	2010	rBV6	75562	189991	7.64%	1.137%
20	13.980	2017	2022	2025	rBV	737316	780246	31.36%	4.669%
21	14.462	2101	2104	2107	rBV	50601	48794	1.96%	0.292%
22	15.121	2213	2216	2222	rVB2	80580	101903	4.10%	0.610%
23	15.462	2269	2274	2279	rBV	520097	638090	25.65%	3.818%
24	15.968	2357	2360	2366	rVB2	71690	107856	4.33%	0.645%

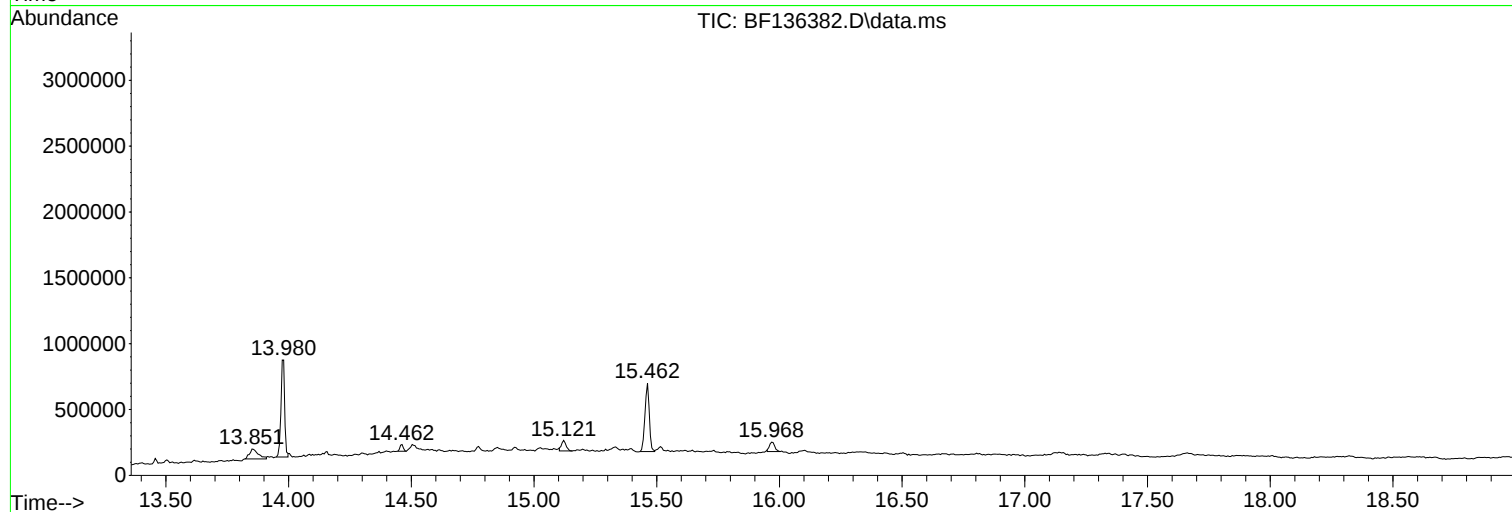
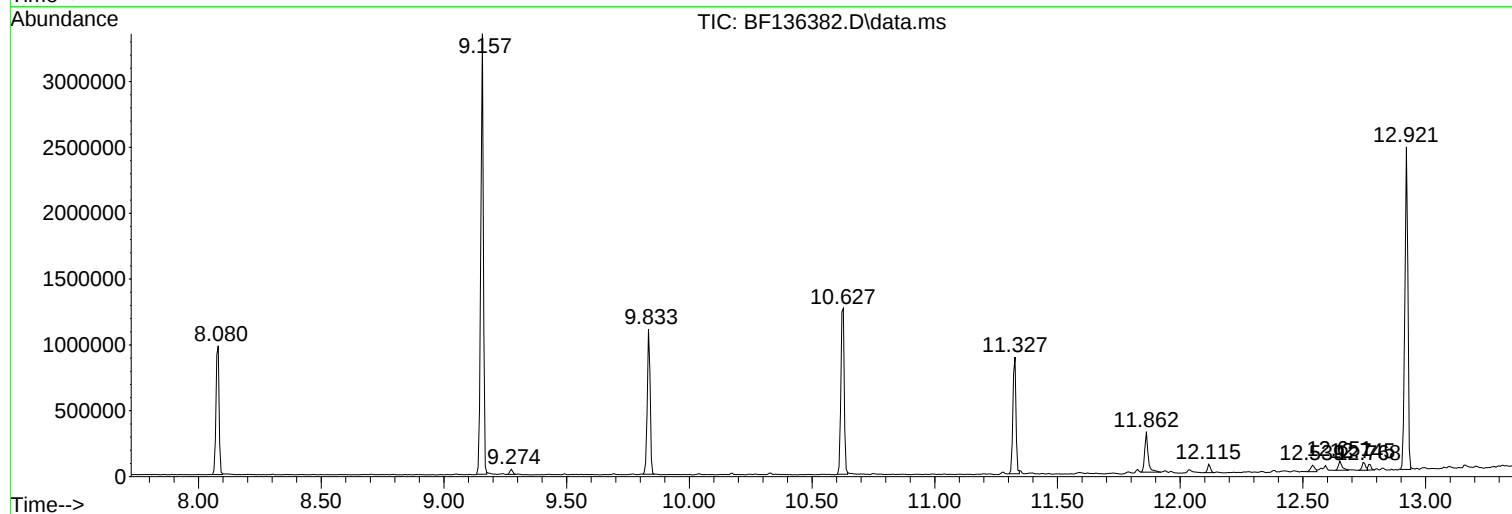
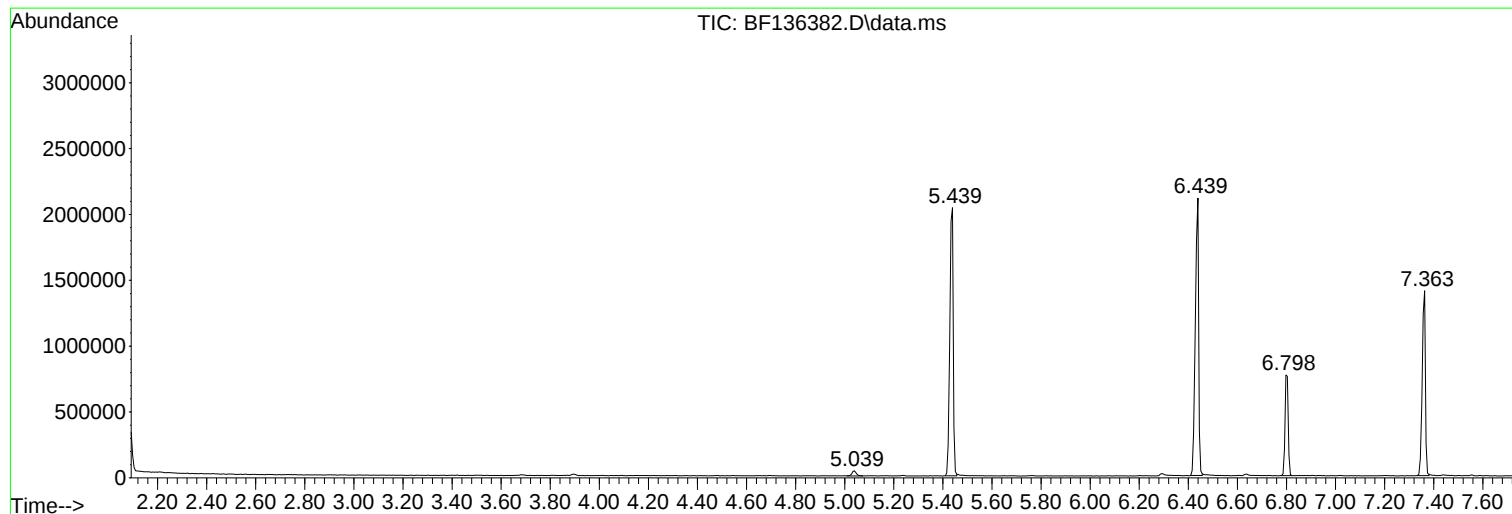
Sum of corrected areas: 16712340

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.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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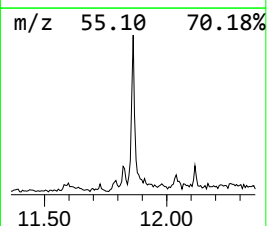
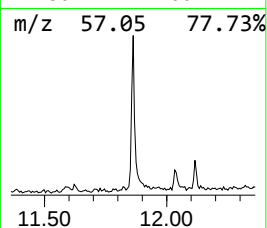
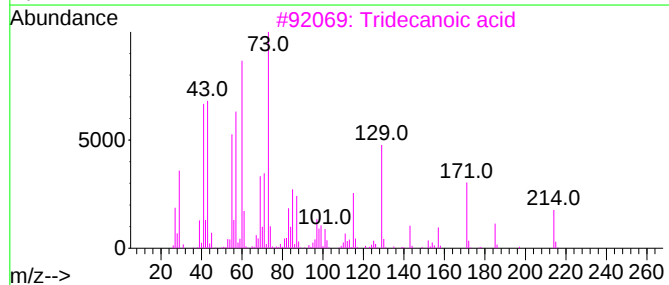
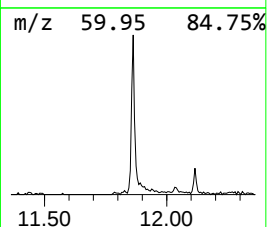
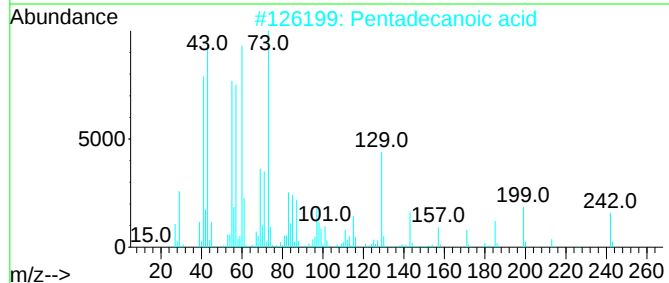
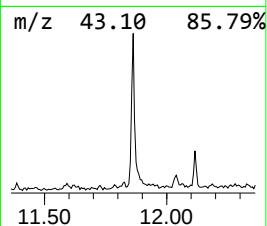
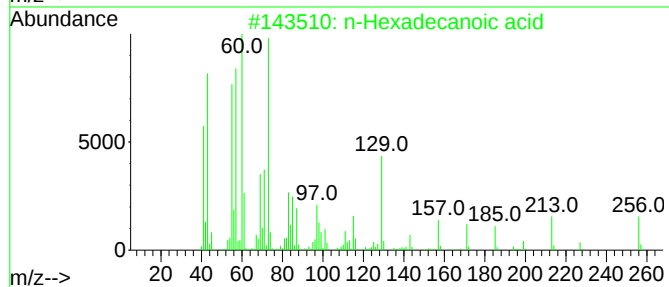
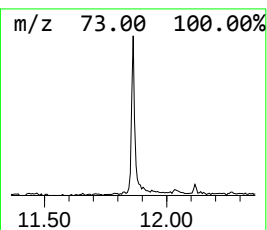
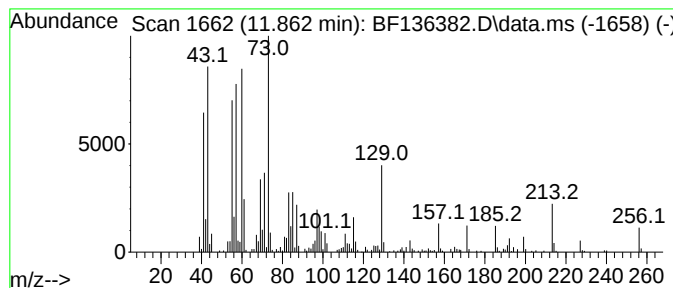
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
11.863	7.58 ng	294521	Phenanthrene-d10	11.327

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	91
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5			Dodecanoic acid	200	C12H24O2	000143-07-7	59



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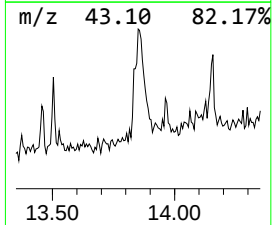
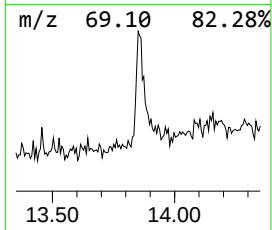
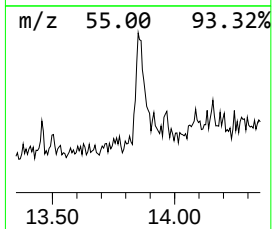
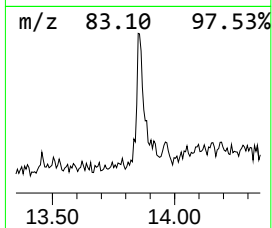
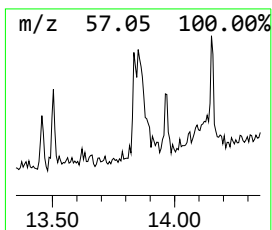
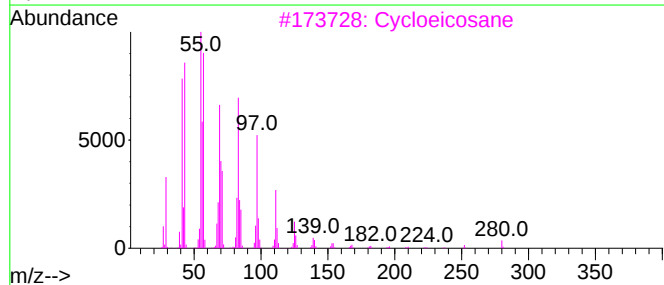
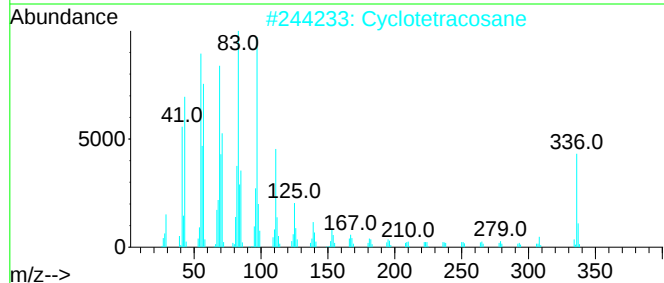
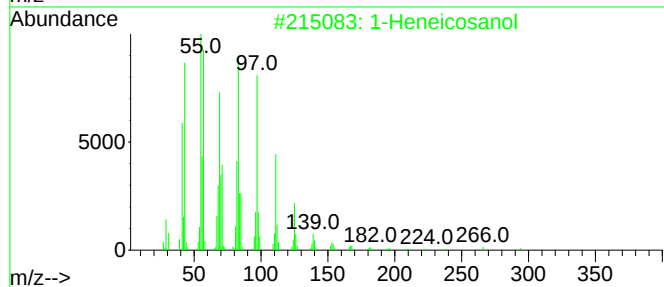
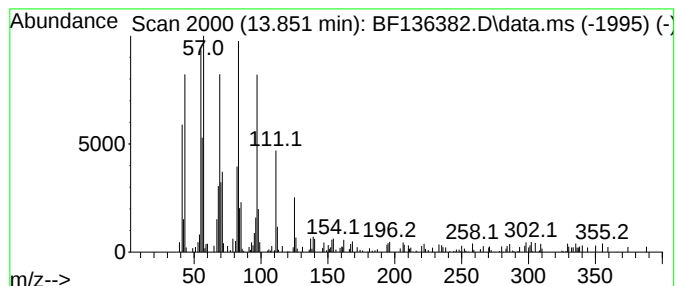
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.851	4.87 ng	189991	Chrysene-d12	13.980	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	Cycloeicosane	280	C20H40	000296-56-0	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5	1-Heptadecene	238	C17H34	006765-39-5	89



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Instrument :
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ClientSampleId :
SP-4-COMP

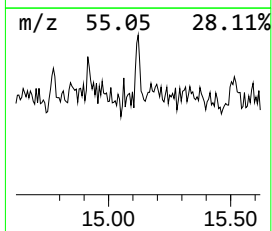
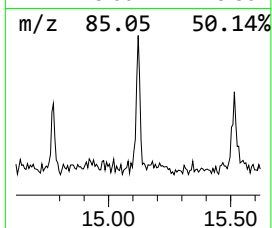
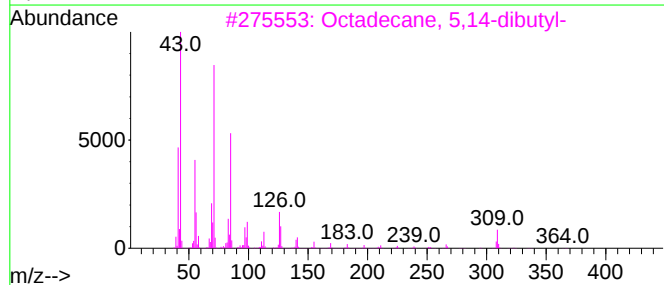
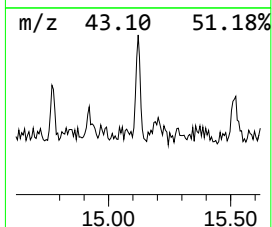
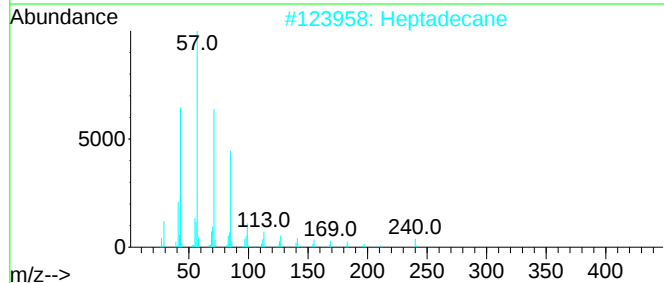
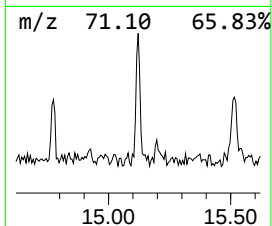
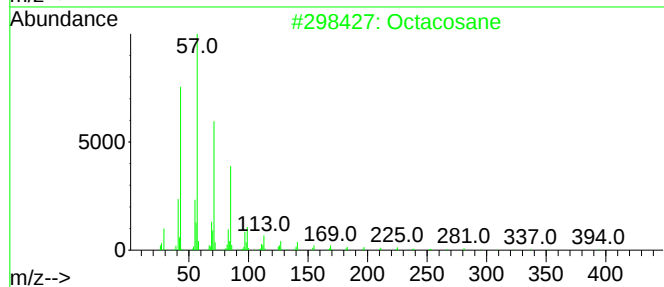
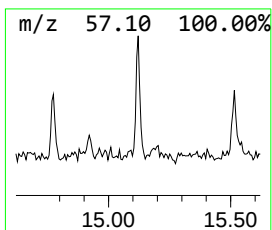
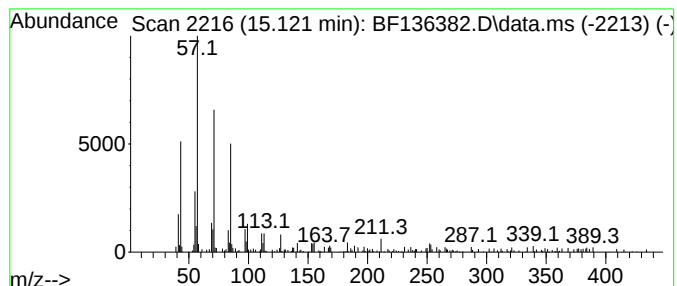
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Peak Number 3 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.121	3.19 ng	101903	Perylene-d12	15.462

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	68
2			Heptadecane	240	C17H36	000629-78-7	68
3			Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	68
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5			Octadecane	254	C18H38	000593-45-3	55



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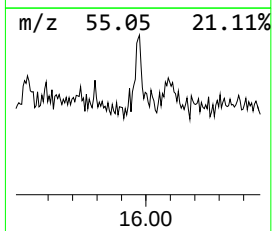
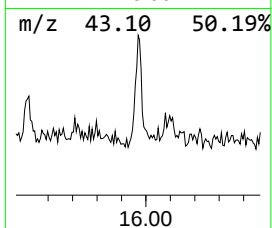
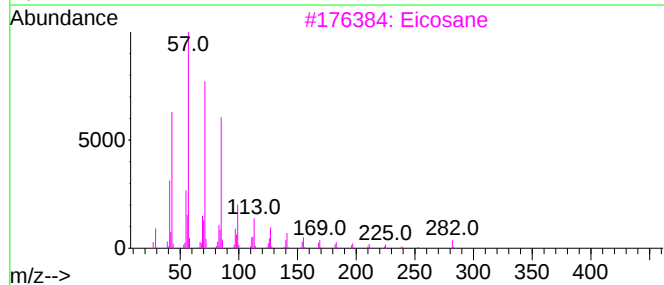
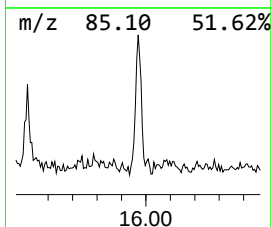
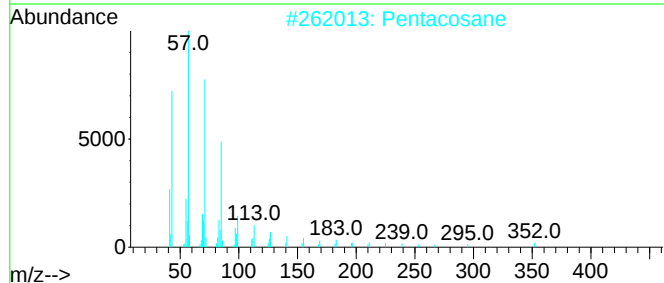
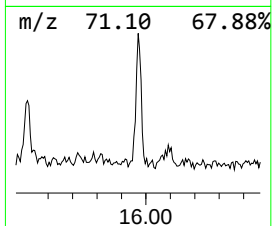
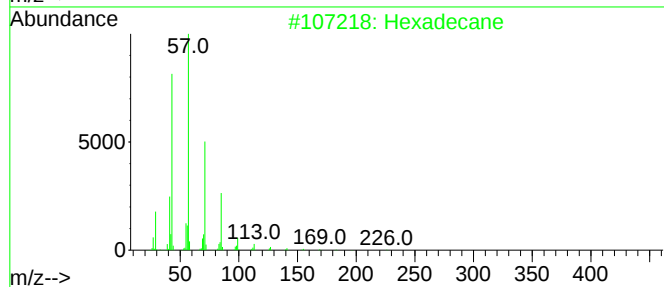
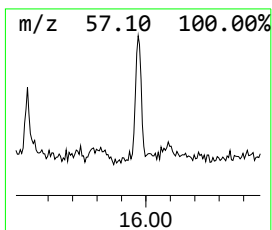
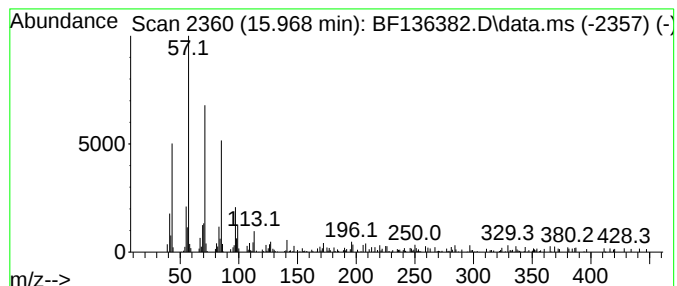
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Peak Number 4 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.968	3.38 ng	107856	Perylene-d12	15.462	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentacosane	352	C25H52	000629-99-2	93
3	Eicosane	282	C20H42	000112-95-8	93
4	Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	83
5	Tetracosane	338	C24H50	000646-31-1	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.863	7.6	ng	294521	4	11.327	777136	20.0
1-Heneicosanol	13.851	4.9	ng	189991	5	13.980	780246	20.0
Octacosane	15.121	3.2	ng	101903	6	15.462	638090	20.0
Hexadecane	15.968	3.4	ng	107856	6	15.462	638090	20.0