

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141877.D
 Acq On : 06 Mar 2025 19:28
 Operator : RC/JU
 Sample : Q1494-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL

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-BF022725.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141877.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	6	13	21	rVB	918502	1503346	43.85%	5.884%
2	5.110	504	513	523	rVB2	17157	38190	1.11%	0.149%
3	5.499	573	579	603	rBV	2069567	2771056	80.82%	10.846%
4	6.504	743	750	763	rBV	2011897	2782182	81.15%	10.890%
5	6.887	809	815	820	rBV	747954	935204	27.28%	3.661%
6	7.440	903	909	915	rBV	1439426	1869271	54.52%	7.317%
7	7.693	948	952	962	rBV	63270	82654	2.41%	0.324%
8	8.163	1027	1032	1048	rBV	973950	1221524	35.63%	4.781%
9	8.381	1064	1069	1075	rBV	25487	35768	1.04%	0.140%
10	9.239	1209	1215	1224	rBV	2630960	3428494	100.00%	13.420%
11	9.916	1325	1330	1339	rVB	1083026	1350860	39.40%	5.288%
12	10.010	1341	1346	1352	rVB	30991	47263	1.38%	0.185%
13	10.628	1446	1451	1458	rBV	240321	298512	8.71%	1.168%
14	10.704	1458	1464	1473	rVV	1398378	1871407	54.58%	7.325%
15	11.404	1578	1583	1588	rBV	1025065	1304577	38.05%	5.106%
16	11.575	1608	1612	1617	rBV	30648	43107	1.26%	0.169%
17	11.922	1666	1671	1689	rBV2	136050	278876	8.13%	1.092%
18	12.986	1846	1852	1857	rBV	2487047	3133915	91.41%	12.267%
19	13.880	2000	2004	2014	rBV	157936	253913	7.41%	0.994%
20	14.039	2026	2031	2039	rBV	865474	1126382	32.85%	4.409%
21	15.510	2276	2281	2293	rVB	754819	1171539	34.17%	4.586%

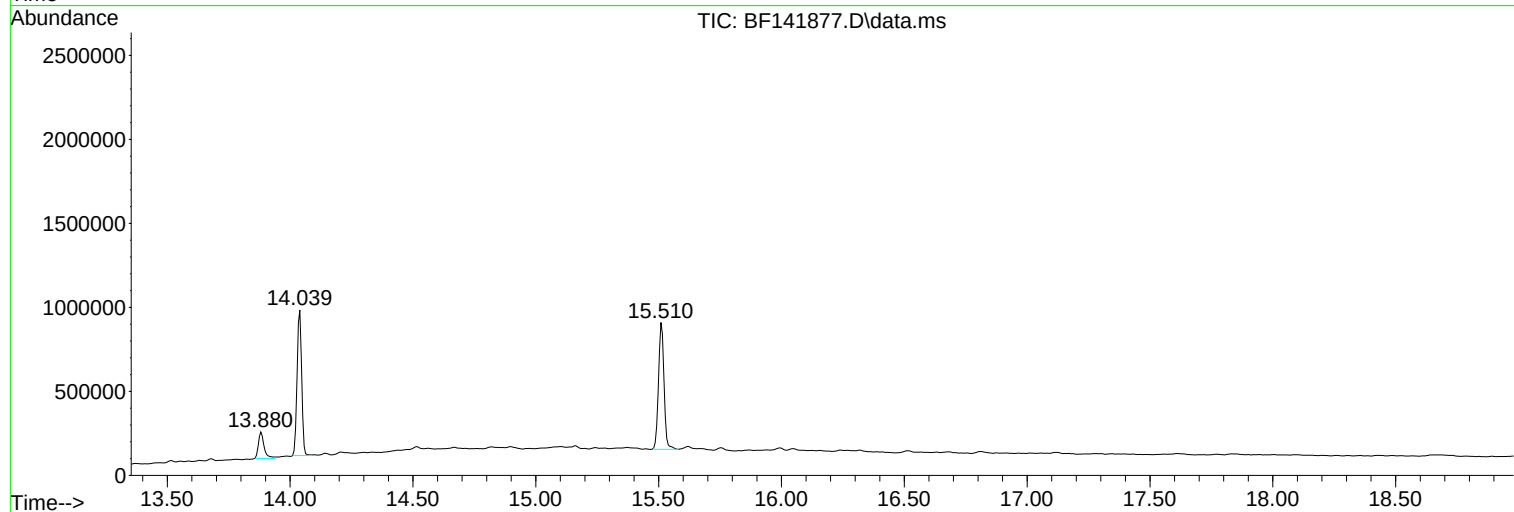
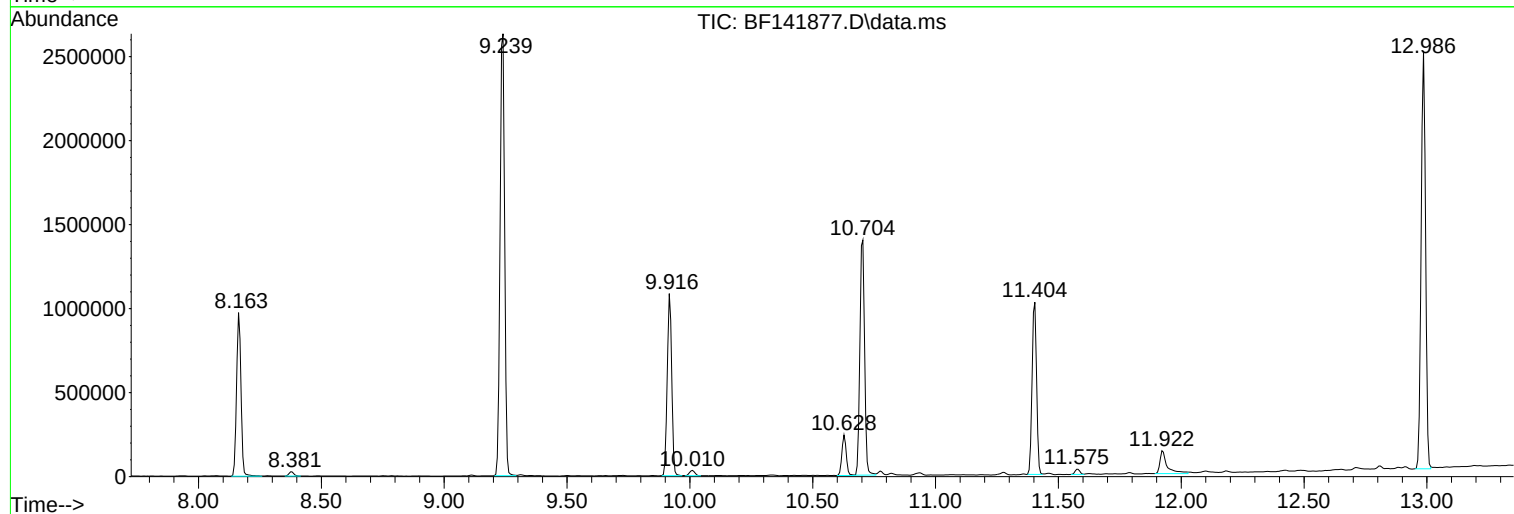
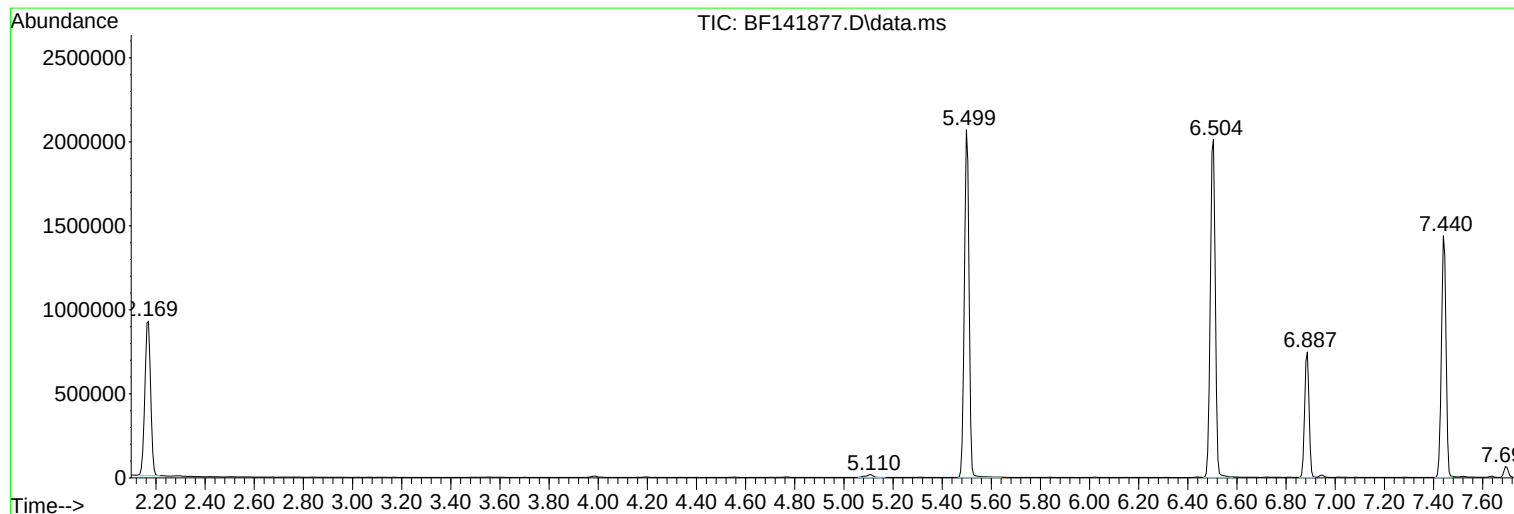
Sum of corrected areas: 25548040

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.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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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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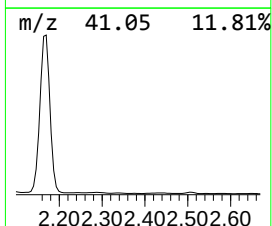
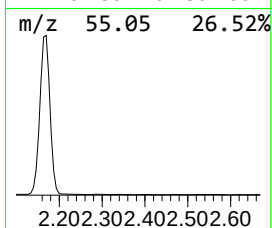
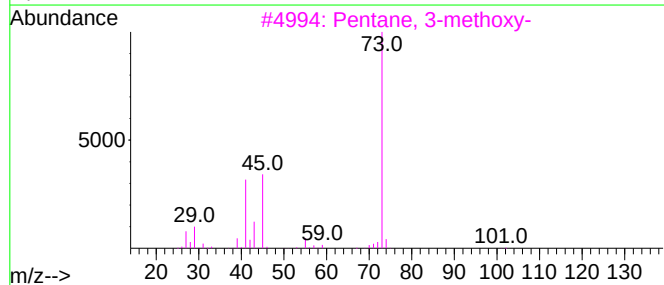
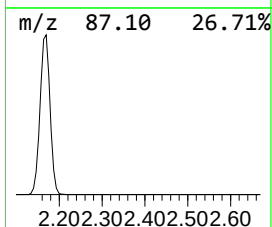
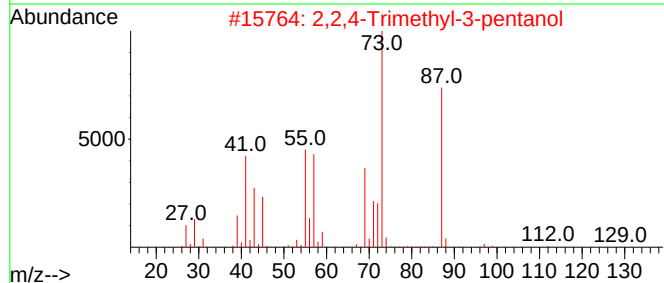
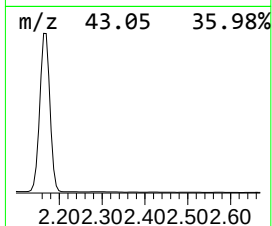
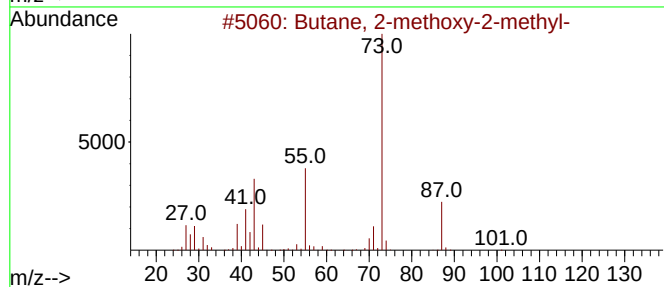
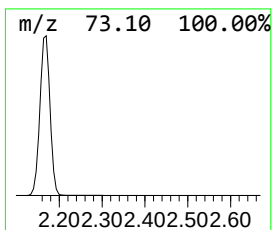
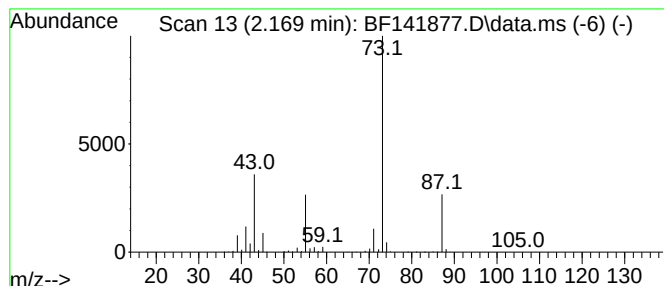
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.169	32.15 ng	1503350	1,4-Dichlorobenzene-d4	6.887

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	39
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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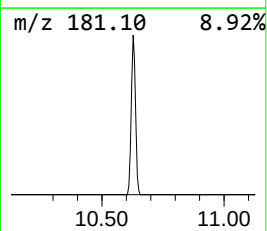
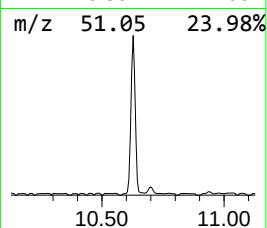
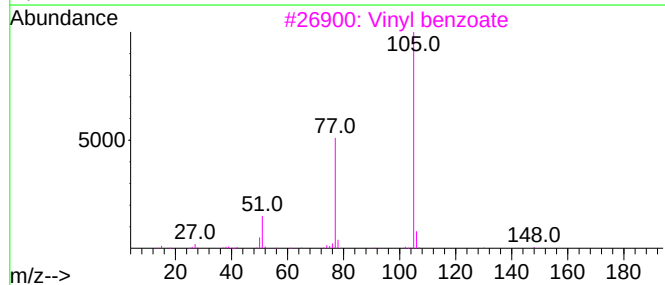
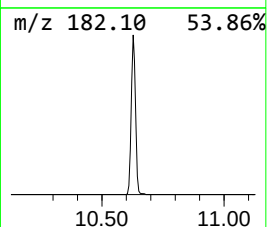
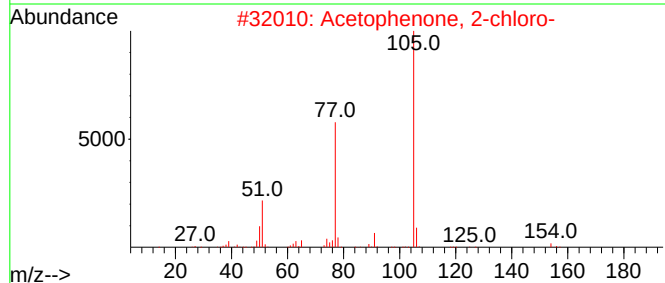
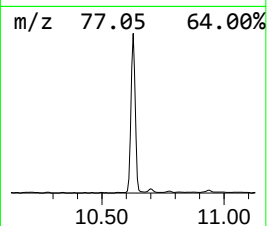
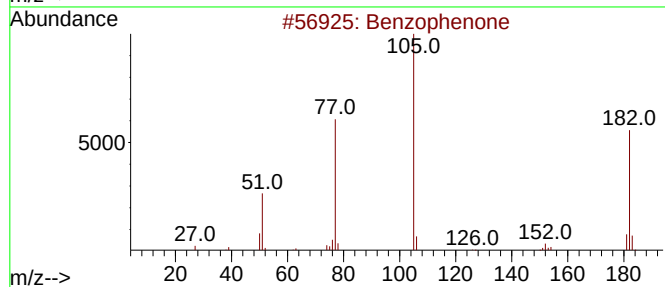
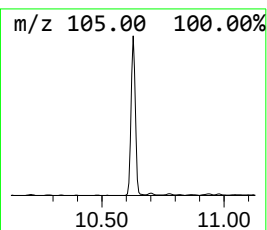
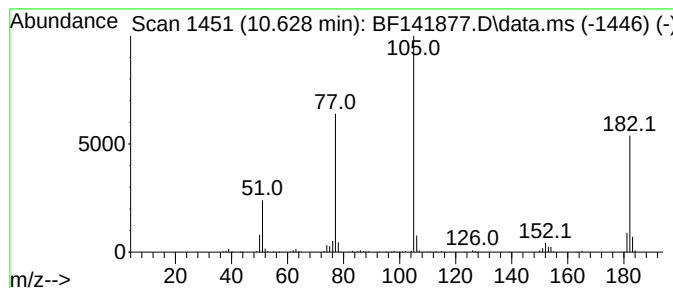
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	4.42 ng	298512	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3			Vinyl benzoate	148	C9H8O2	000769-78-8	47
4			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
5			Benzoyl bromide	184	C7H5BrO	000618-32-6	47



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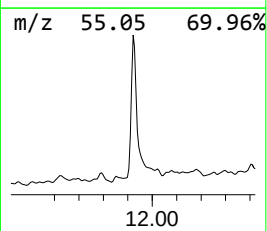
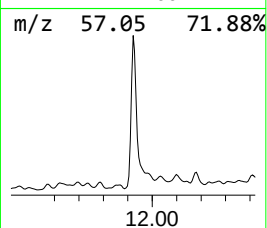
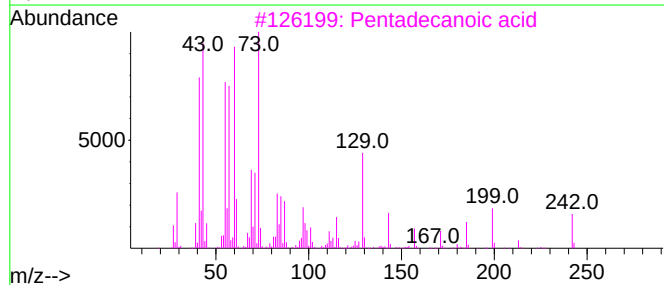
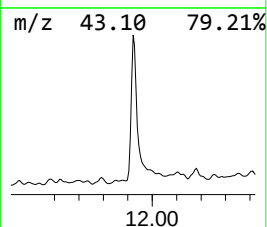
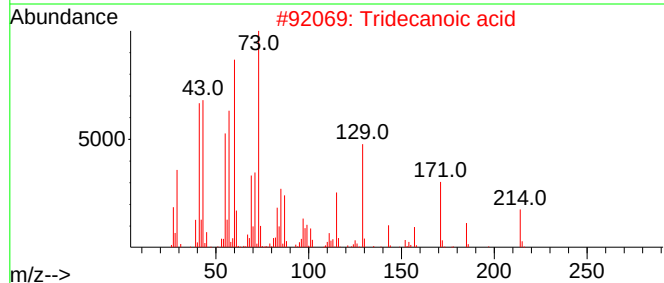
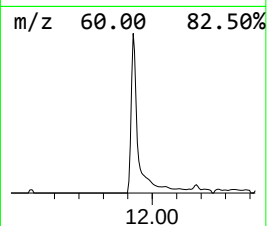
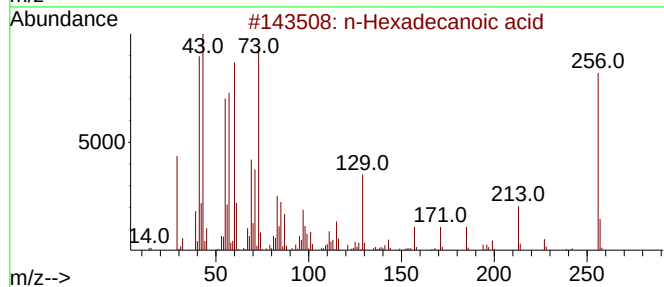
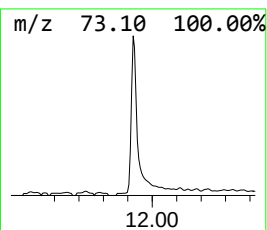
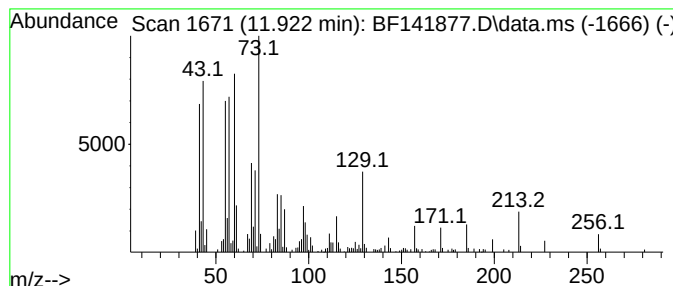
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	4.28 ng	278876	Phenanthrene-d10	11.404

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	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Dodecanoic acid	200	C12H24O2	000143-07-7	80
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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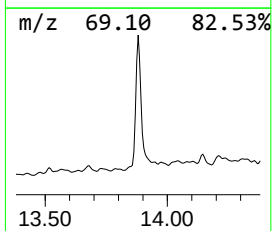
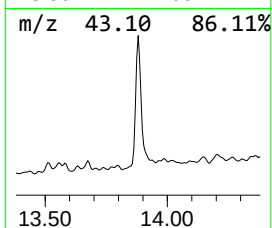
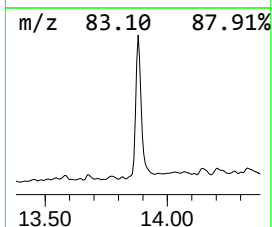
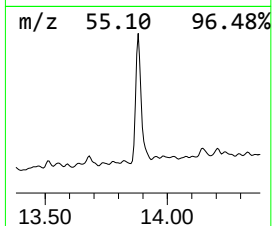
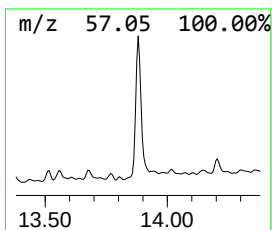
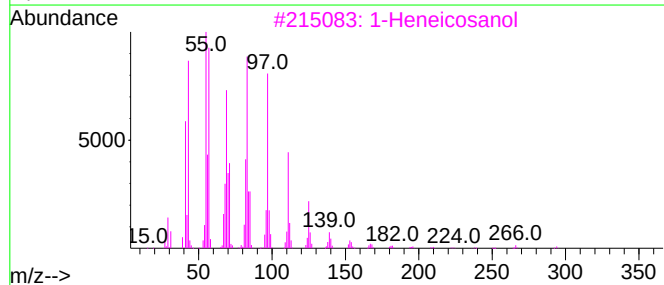
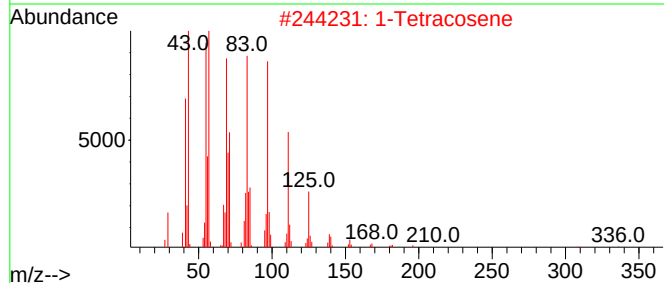
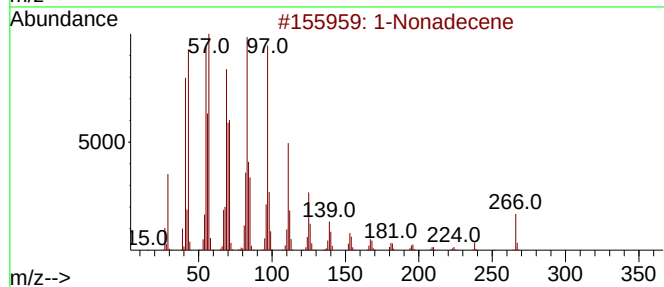
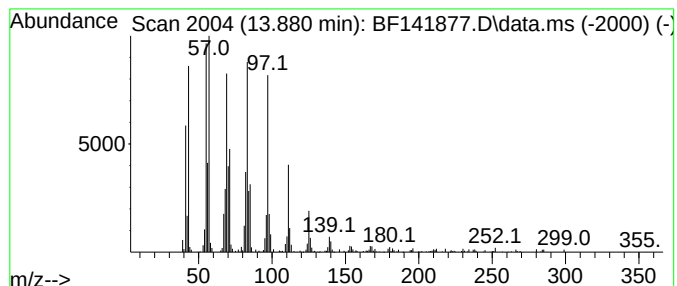
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Peak Number 4 1-Nonadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	4.51 ng	253913	Chrysene-d12	14.039

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	98
2			1-Tetracosene	336	C24H48	010192-32-2	95
3			1-Heneicosanol	312	C21H44O	015594-90-8	95
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	95
5			Behenic alcohol	326	C22H46O	000661-19-8	95



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.169	32.1	ng	1503350	1	6.887	935204	20.0
Benzophenone	10.628	4.4	ng	298512	3	9.916	1350860	20.0
n-Hexadecanoic ...	11.922	4.3	ng	278876	4	11.404	1304580	20.0
1-Nonadecene	13.880	4.5	ng	253913	5	14.039	1126380	20.0