

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
 Data File : BF142485.D
 Acq On : 21 May 2025 14:08
 Operator : RC/JU
 Sample : Q2074-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-18

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-BF052025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142485.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	486	493	506	rBV	79540	117857	8.75%	1.226%
2	5.499	557	562	568	rBV	825926	1112883	82.66%	11.572%
3	6.516	729	735	752	rBV	868555	1168746	86.81%	12.153%
4	6.898	795	800	805	rBV	311492	383935	28.52%	3.992%
5	7.457	889	895	904	rBV	527462	665032	49.40%	6.915%
6	7.710	934	938	946	rBV	13180	16607	1.23%	0.173%
7	8.181	1013	1018	1023	rBV	407965	492711	36.60%	5.123%
8	9.257	1195	1201	1206	rBV	977514	1246449	92.58%	12.961%
9	9.934	1311	1316	1322	rBV	423066	526170	39.08%	5.471%
10	10.645	1432	1437	1443	rVB	87193	110179	8.18%	1.146%
11	10.722	1445	1450	1459	rBV	675387	838240	62.26%	8.716%
12	11.422	1564	1569	1577	rBV	417297	527722	39.20%	5.488%
13	11.945	1653	1658	1671	rBV2	45832	84055	6.24%	0.874%
14	12.639	1772	1776	1785	rBV	7937	13826	1.03%	0.144%
15	13.010	1833	1839	1844	rBV	1076034	1346328	100.00%	14.000%
16	13.910	1987	1992	2008	rBV2	29574	78932	5.86%	0.821%
17	14.063	2010	2018	2035	rVB	371519	497617	36.96%	5.174%
18	15.557	2266	2272	2288	rBV	245179	389477	28.93%	4.050%

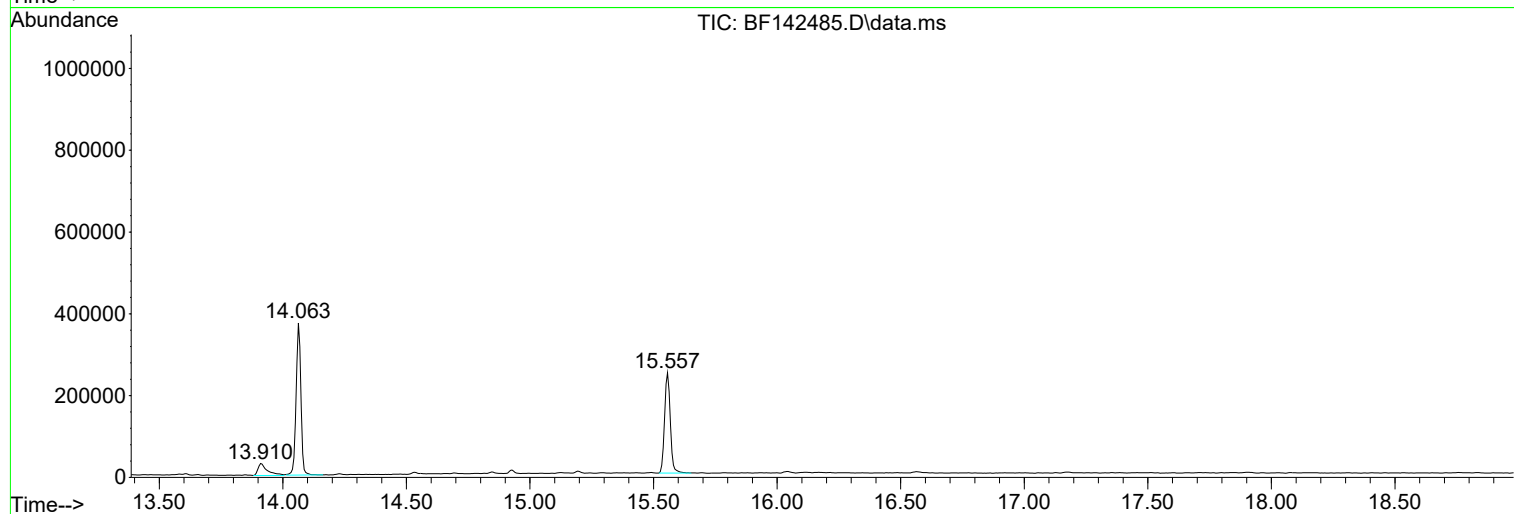
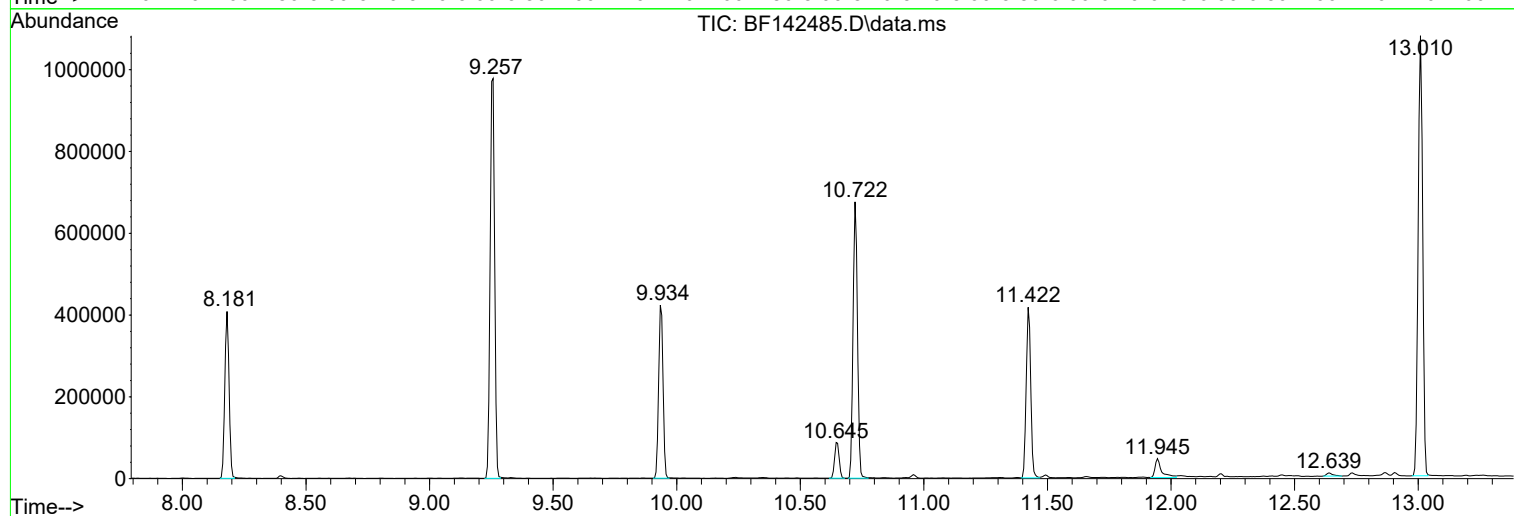
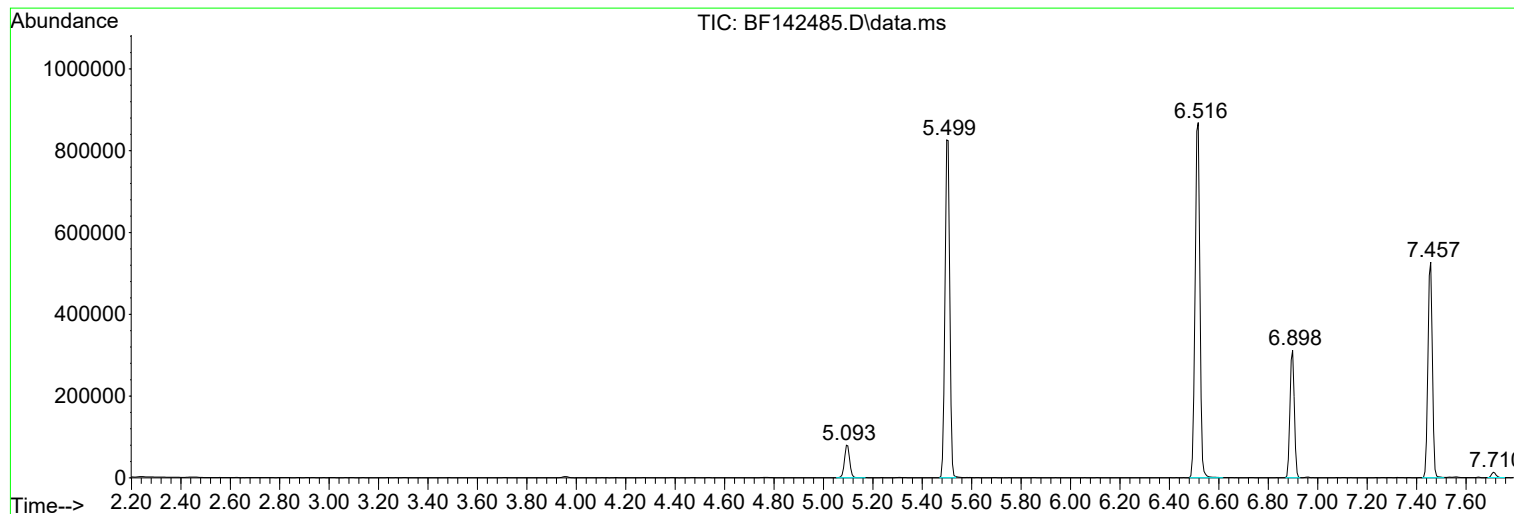
Sum of corrected areas: 9616766

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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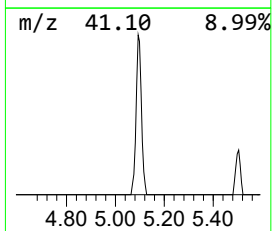
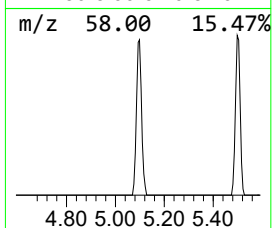
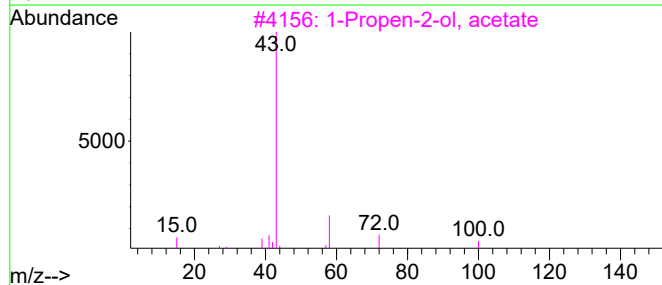
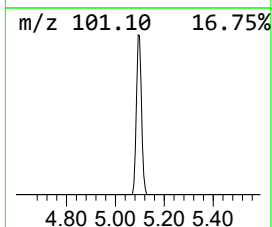
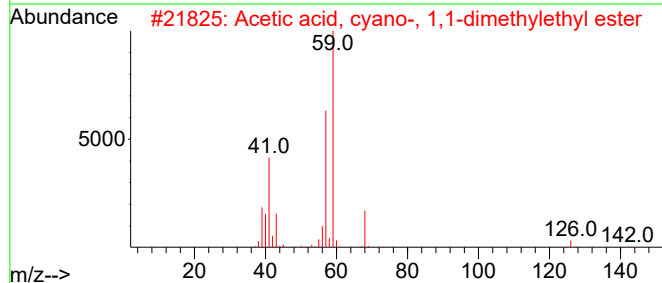
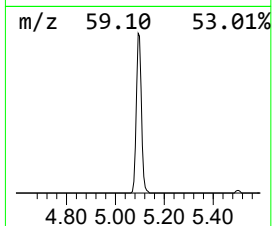
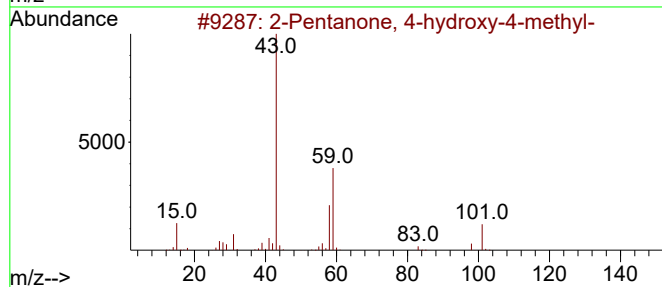
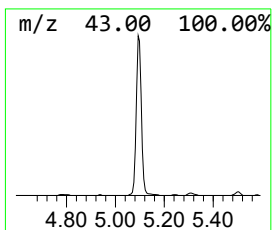
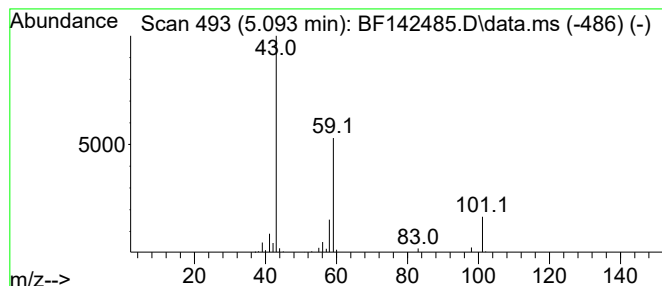
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	6.14 ng	117857	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
5	Butane	58	C4H10	000106-97-8	9		



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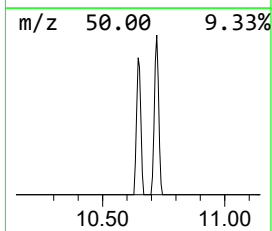
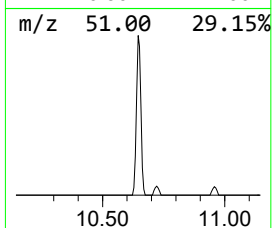
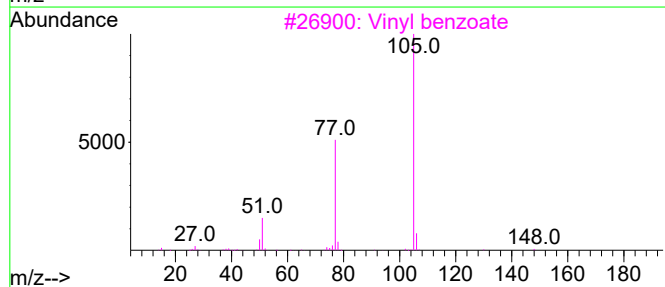
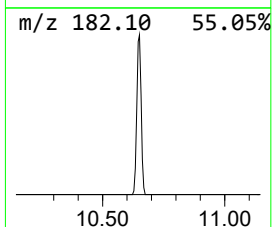
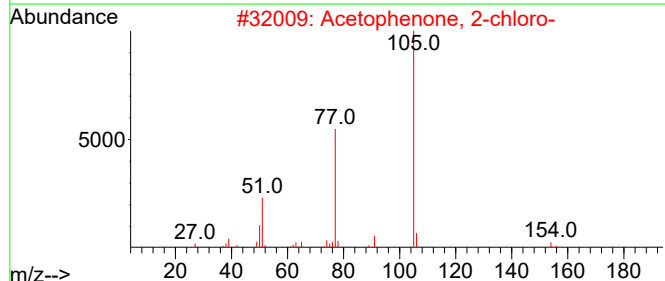
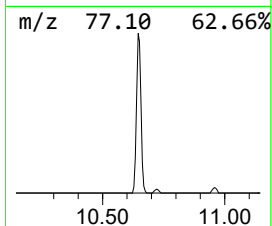
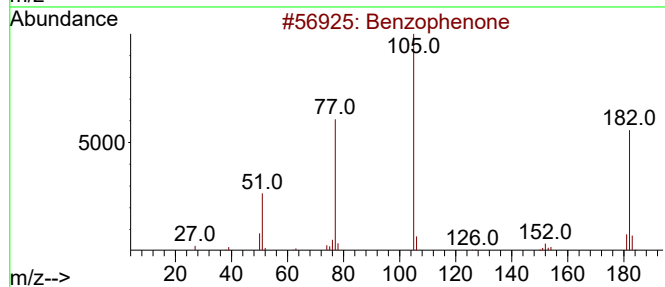
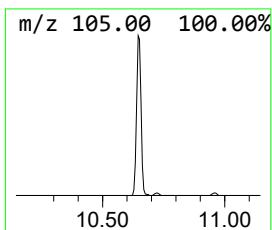
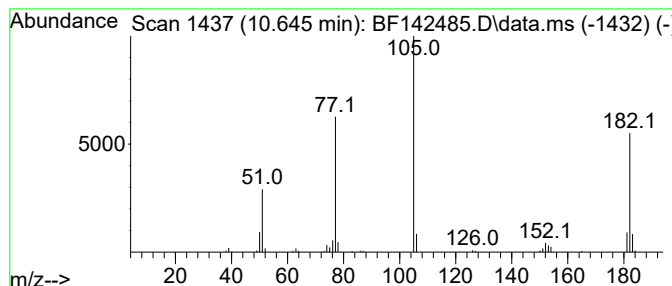
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	4.19 ng	110179	Acenaphthene-d10	9.934

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			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5			Phenylglyoxal	134	C8H6O2	001074-12-0	47



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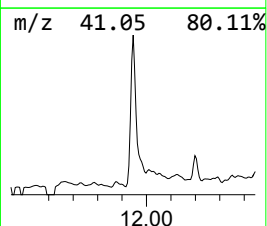
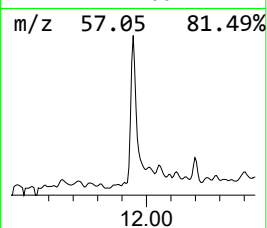
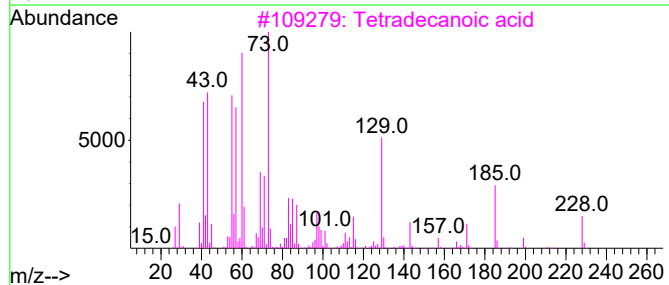
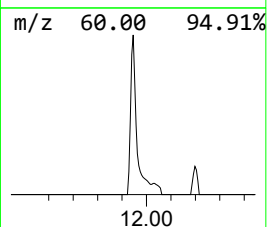
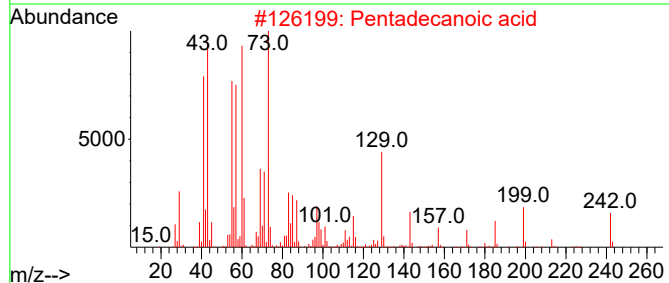
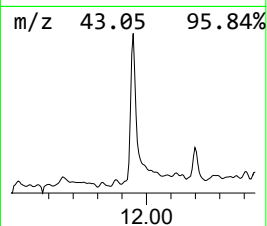
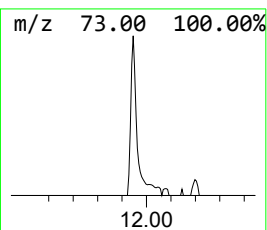
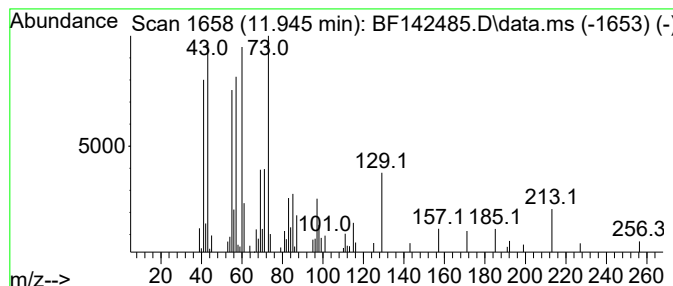
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	3.19 ng	84055	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4			Tridecanoic acid	214	C13H26O2	000638-53-9	80
5			Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	25



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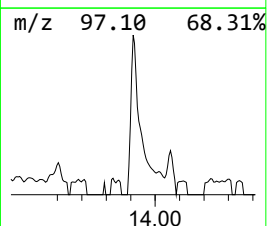
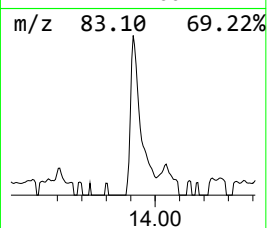
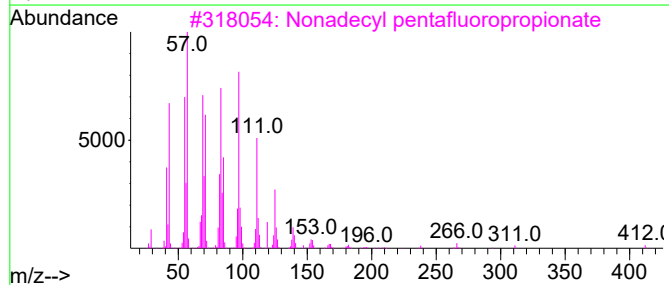
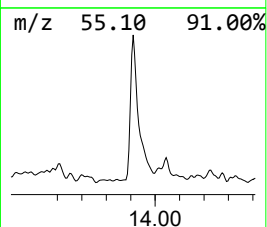
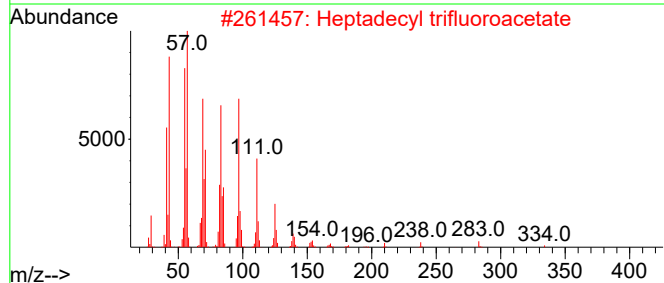
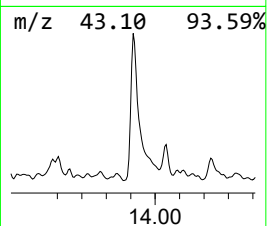
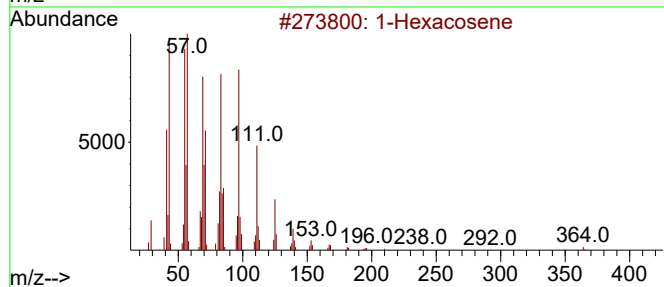
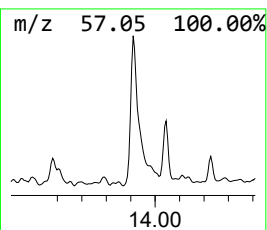
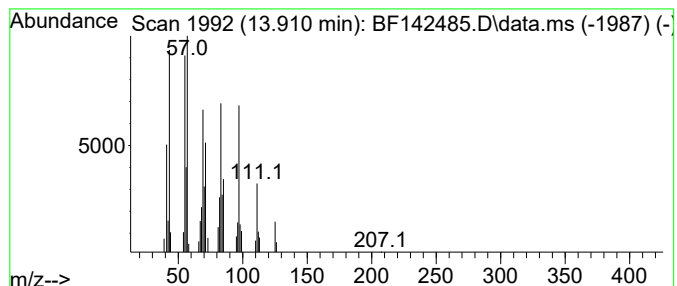
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Peak Number 4 1-Hexacosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	3.17 ng	78932	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene			364	C26H52	018835-33-1	91
2	Heptadecyl trifluoroacetate			352	C19H35F3O2	1010351-87-0	91
3	Nonadecyl pentafluoropropionate			430	C22H39F5O2	1000351-88-8	91
4	Octadecyl trifluoroacetate			366	C20H37F3O2	079392-43-1	91
5	Carbonic acid, but-3-en-1-yl dod...			284	C17H32O3	1000383-23-3	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.093	6.1	ng	117857	1	6.898	383935	20.0
Benzophenone	10.645	4.2	ng	110179	3	9.934	526170	20.0
n-Hexadecanoic ...	11.945	3.2	ng	84055	4	11.422	527722	20.0
1-Hexacosene	13.910	3.2	ng	78932	5	14.063	497617	20.0