

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
 Data File : BF123645.D
 Acq On : 20 Apr 2021 16:18
 Operator : JU/CG
 Sample : M2078-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-01

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-BF041521.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123645.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.463	571	574	579	rBV	2573578	2433573	28.26%	4.558%
2	6.481	743	747	754	rBV	2519728	2208137	25.64%	4.136%
3	6.851	806	810	813	rBV	1787636	1574398	18.28%	2.949%
4	7.010	832	837	840	rBV	6184620	5458178	63.38%	10.224%
5	7.416	900	906	909	rBV	5333758	5335513	61.96%	9.994%
6	8.134	1024	1028	1031	rBV	2639751	2038602	23.67%	3.819%
7	9.216	1207	1212	1215	rBV	9741088	8313448	96.54%	15.572%
8	9.604	1275	1278	1282	rBV	287405	210533	2.44%	0.394%
9	9.892	1323	1327	1330	rBV	2772459	2151849	24.99%	4.031%
10	10.092	1357	1361	1367	rBV	143903	158109	1.84%	0.296%
11	10.680	1457	1461	1465	rBV	4816824	4323931	50.21%	8.099%
12	11.380	1576	1580	1583	rBV	2694376	2156968	25.05%	4.040%
13	11.916	1665	1671	1680	rBV	2126987	2123150	24.66%	3.977%
14	12.704	1801	1805	1819	rVB	778544	935304	10.86%	1.752%
15	12.974	1846	1851	1854	rBV	8750593	8611169	100.00%	16.130%
16	13.880	2001	2005	2018	rBV	784741	1376062	15.98%	2.578%
17	14.027	2025	2030	2033	rBV	1680009	1544872	17.94%	2.894%
18	14.504	2108	2111	2113	rBV	93356	93587	1.09%	0.175%
19	14.815	2161	2164	2167	rVB	124339	120091	1.39%	0.225%
20	15.157	2218	2222	2226	rBV2	204314	365602	4.25%	0.685%
21	15.504	2276	2281	2285	rBV2	1128828	1380068	16.03%	2.585%
22	15.545	2285	2288	2292	rVB	138281	171262	1.99%	0.321%
23	15.986	2359	2363	2371	rVB2	126211	192101	2.23%	0.360%
24	16.498	2447	2450	2456	rVB3	60663	110138	1.28%	0.206%

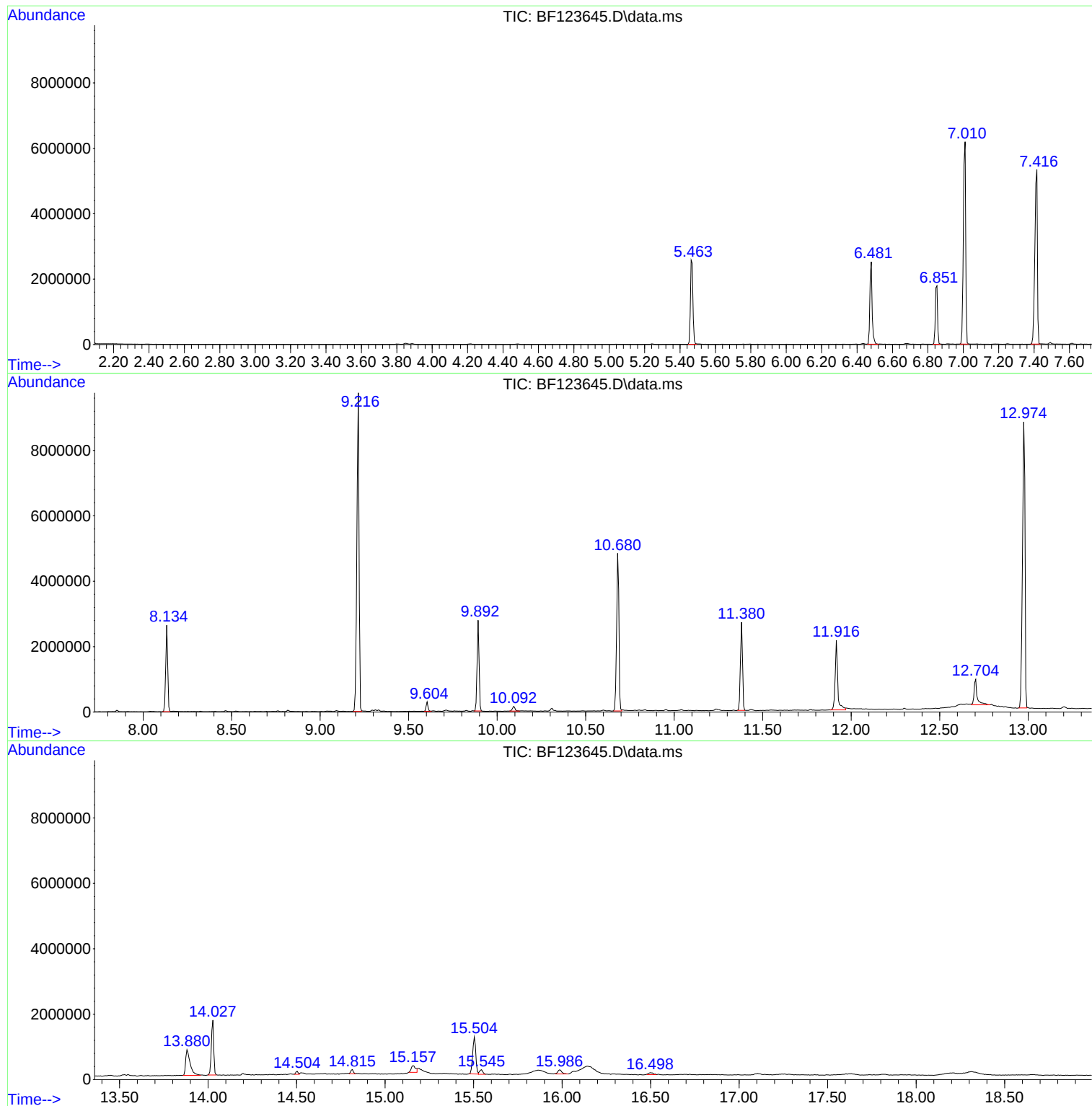
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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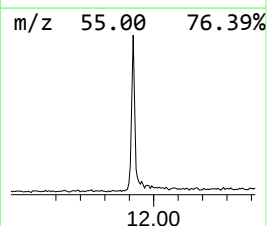
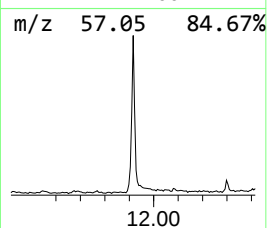
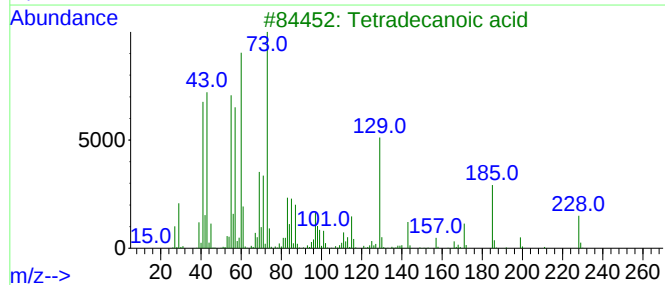
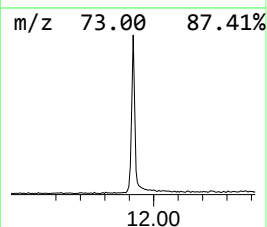
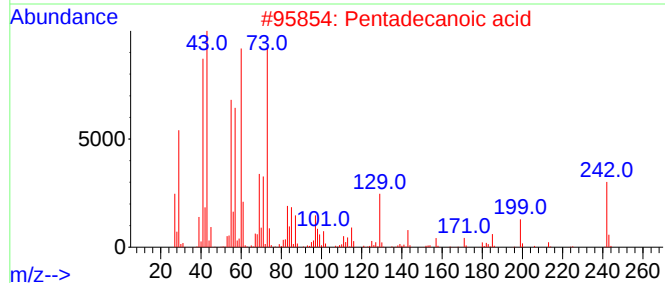
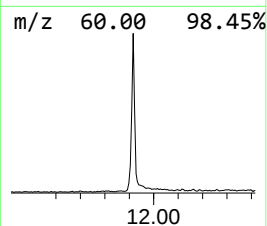
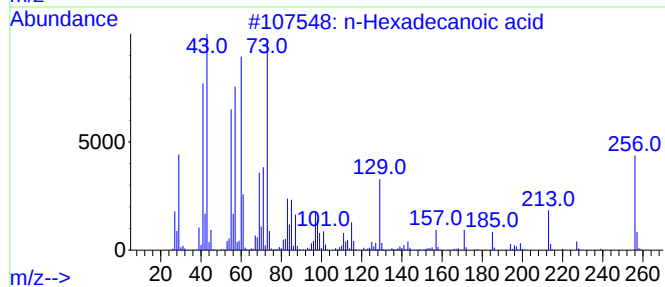
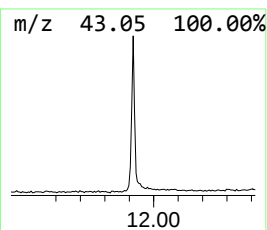
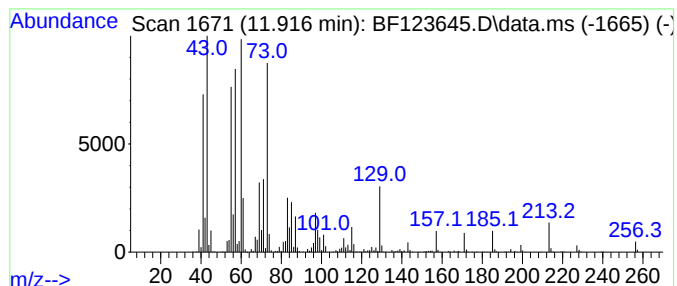
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	19.69 ng	2123150	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			Undecanoic acid	186	C11H22O2	000112-37-8	72



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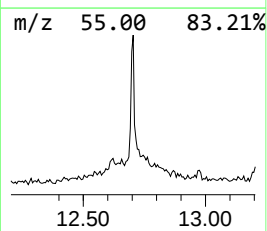
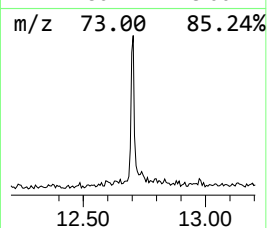
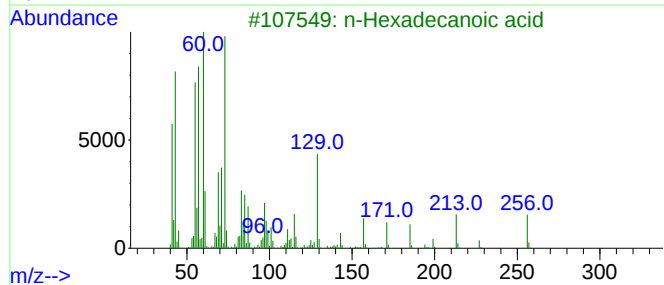
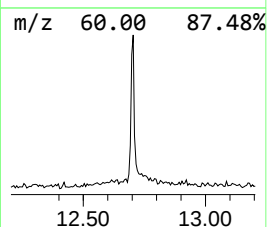
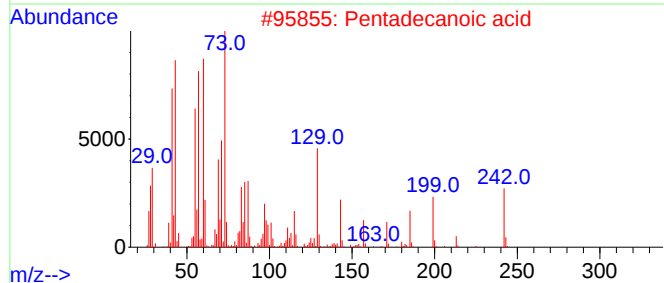
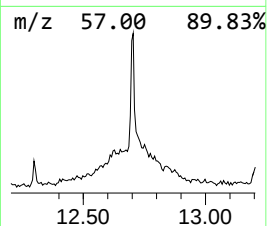
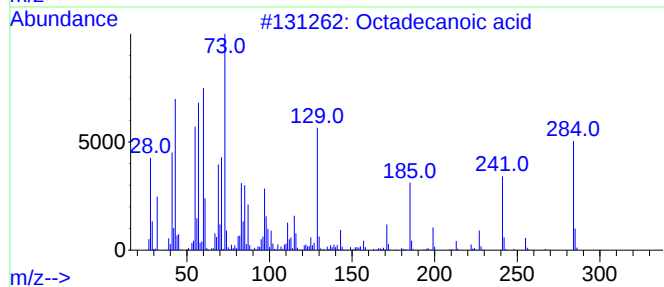
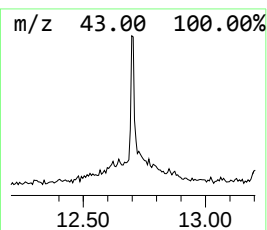
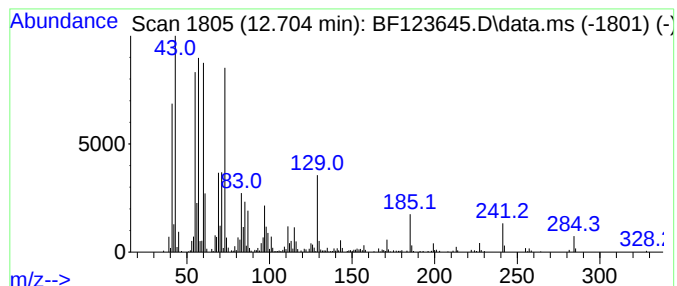
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	8.67 ng	935304	Phenanthrene-d10	11.380

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5			Tridecanoic acid	214	C13H26O2	000638-53-9	74



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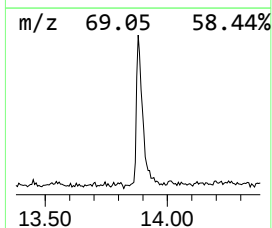
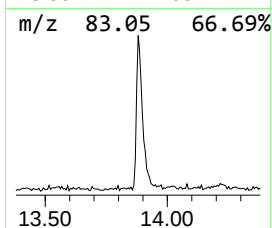
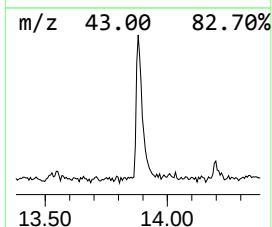
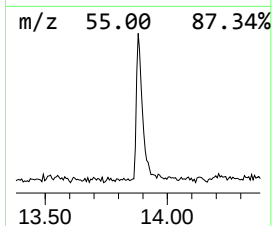
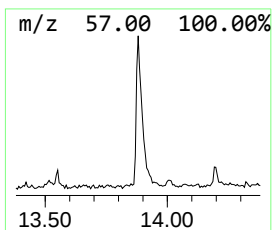
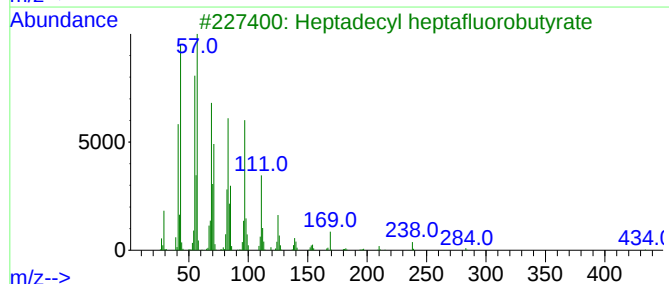
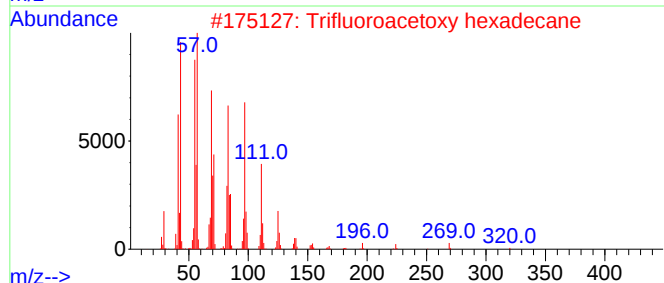
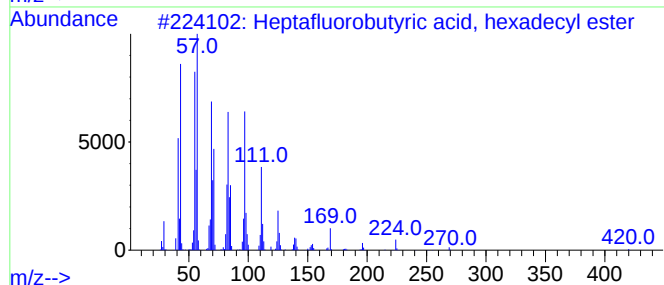
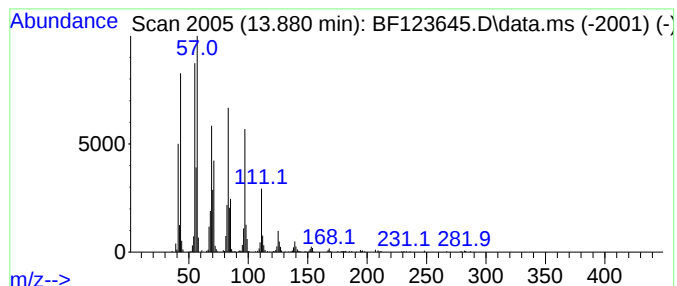
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Peak Number 4 Heptafluorobutyric acid, he... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	17.81 ng	1376060	Chrysene-d12	14.027

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
2			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
5			Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91



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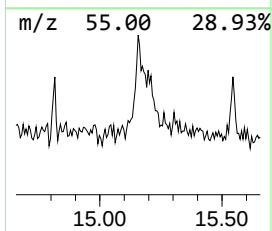
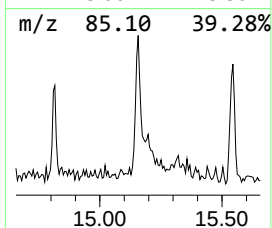
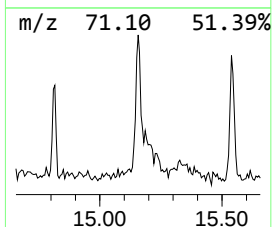
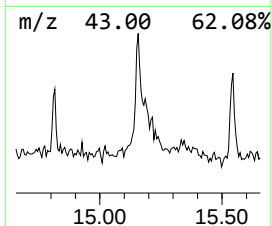
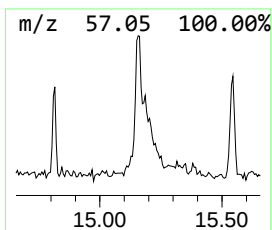
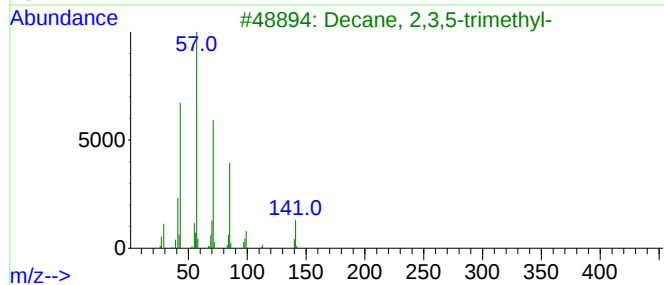
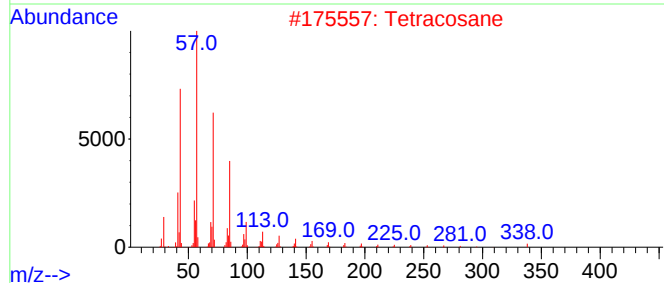
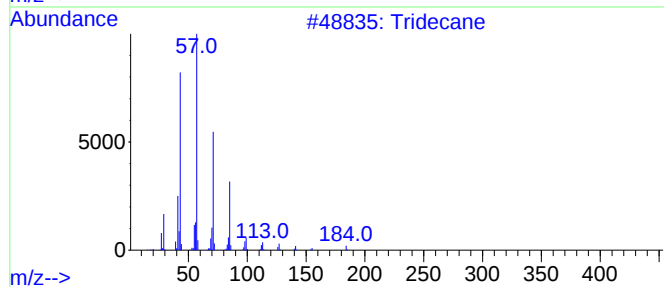
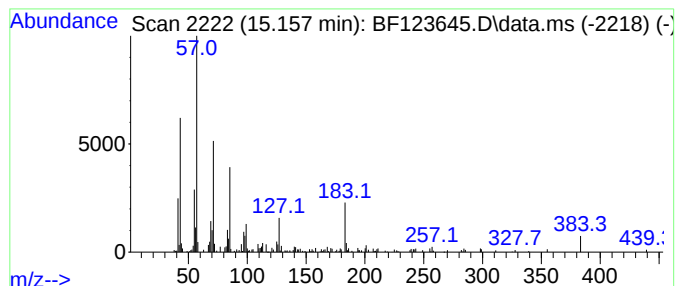
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Peak Number 5 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.157	5.30 ng	365602	Perylene-d12	15.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	70
2			Tetracosane	338	C24H50	000646-31-1	64
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	58
4			Decane, 3-methyl-	156	C11H24	013151-34-3	58
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	53



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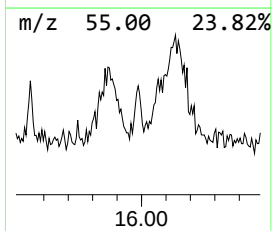
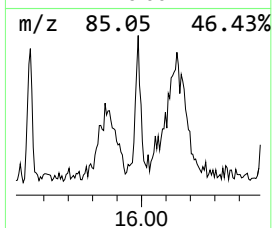
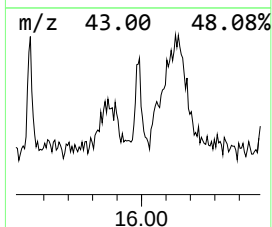
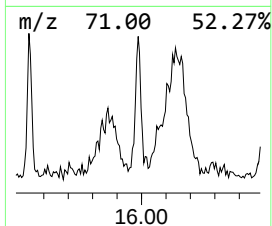
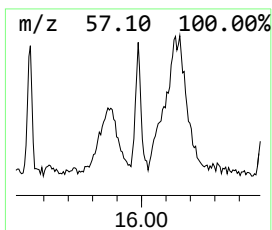
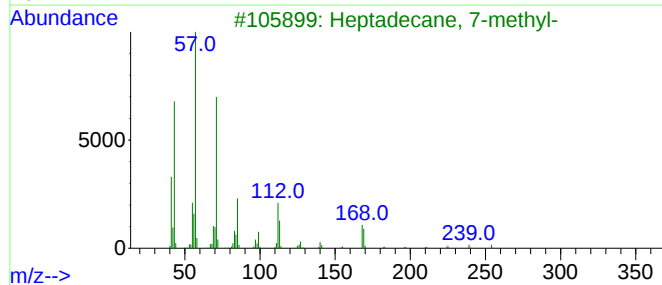
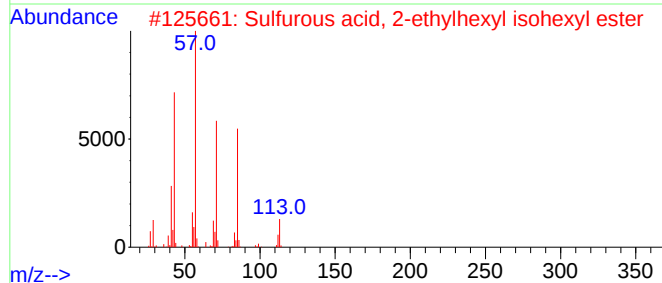
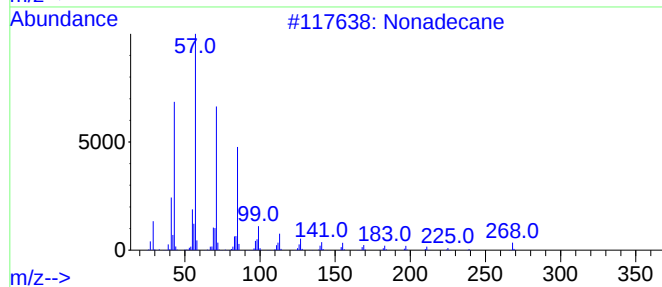
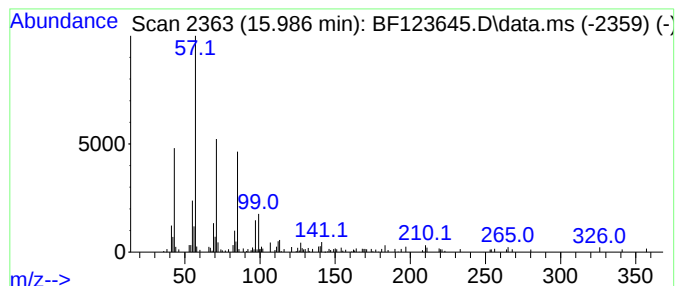
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.986	2.78 ng	192101	Perylene-d12	15.504

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	72
2			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59
3			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	55
4			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	55
5			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	53



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TIC Library : C:\DATABASE\NIST11.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	11.916	19.7	ng	2123150	4	11.380	2156970	20.0
Octadecanoic acid	12.704	8.7	ng	935304	4	11.380	2156970	20.0
Heptafluorobuty...	13.880	17.8	ng	1376060	5	14.027	1544870	20.0
Tridecane	15.157	5.3	ng	365602	6	15.504	1380070	20.0
Nonadecane	15.986	2.8	ng	192101	6	15.504	1380070	20.0