

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031424\
 Data File : BF137595.D
 Acq On : 14 Mar 2024 17:32
 Operator : CG\JU
 Sample : P1746-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-4.0-6.0

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-BF022924.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137595.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.328	547	551	575	rBV	2906313	2885812	86.58%	11.928%
2	6.357	722	726	746	rBV	2921745	2919785	87.60%	12.069%
3	6.722	785	788	799	rBV2	794463	979196	29.38%	4.047%
4	7.287	881	884	898	rBV	1898509	1782713	53.49%	7.369%
5	8.004	1003	1006	1012	rBV	1236680	1040467	31.22%	4.301%
6	8.375	1066	1069	1076	rBV2	27694	53955	1.62%	0.223%
7	9.081	1185	1189	1202	rBV	4001002	3333007	100.00%	13.777%
8	9.204	1206	1210	1219	rVB	661452	611832	18.36%	2.529%
9	9.757	1300	1304	1317	rVB	1538274	1261759	37.86%	5.215%
10	10.545	1434	1438	1449	rBV	2010225	1890226	56.71%	7.813%
11	11.239	1552	1556	1564	rBV	1527044	1309487	39.29%	5.413%
12	11.780	1645	1648	1651	rBV	324793	348916	10.47%	1.442%
13	12.557	1778	1780	1794	rVB4	101899	208106	6.24%	0.860%
14	12.827	1822	1826	1829	rBV	3725371	3237385	97.13%	13.382%
15	13.057	1863	1865	1879	rVB2	58451	99687	2.99%	0.412%
16	13.404	1919	1924	1926	rBV2	59522	65343	1.96%	0.270%
17	13.733	1976	1980	1991	rBV2	127744	226539	6.80%	0.936%
18	13.874	2000	2004	2017	rVB	907241	928048	27.84%	3.836%
19	14.045	2030	2033	2041	rVB	65770	64692	1.94%	0.267%
20	14.351	2081	2085	2088	rBV	63652	61323	1.84%	0.253%
21	14.645	2132	2135	2141	rVB	51319	60168	1.81%	0.249%
22	14.968	2187	2190	2197	rBV	43211	48662	1.46%	0.201%
23	15.292	2241	2245	2260	rBV	566945	775573	23.27%	3.206%

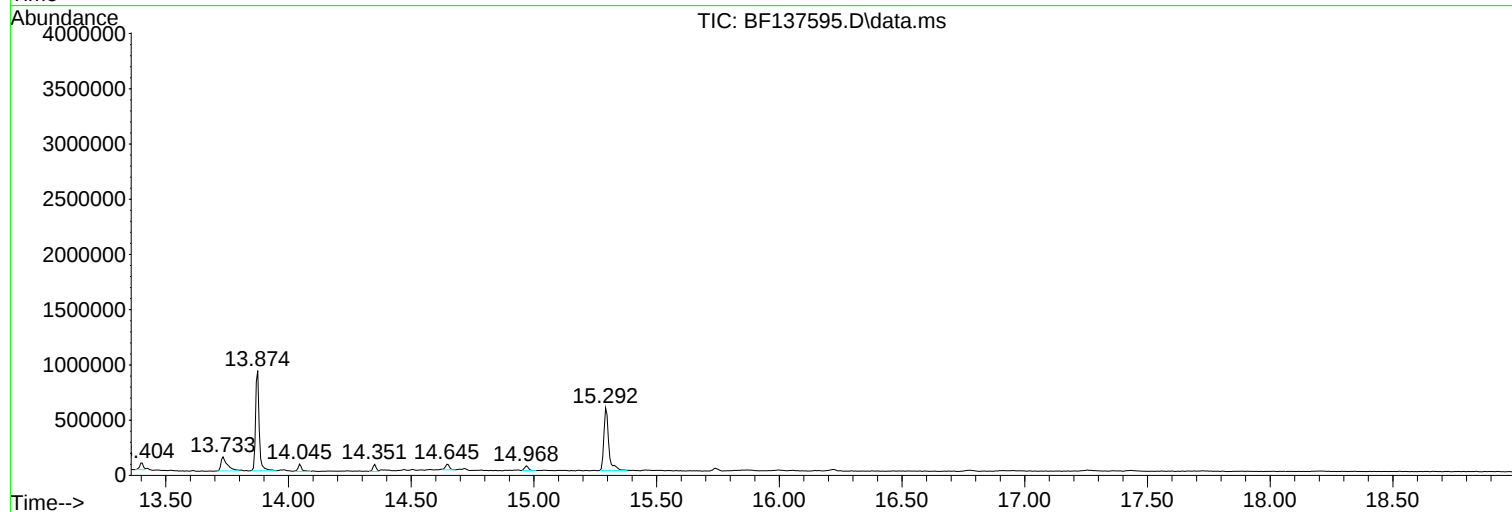
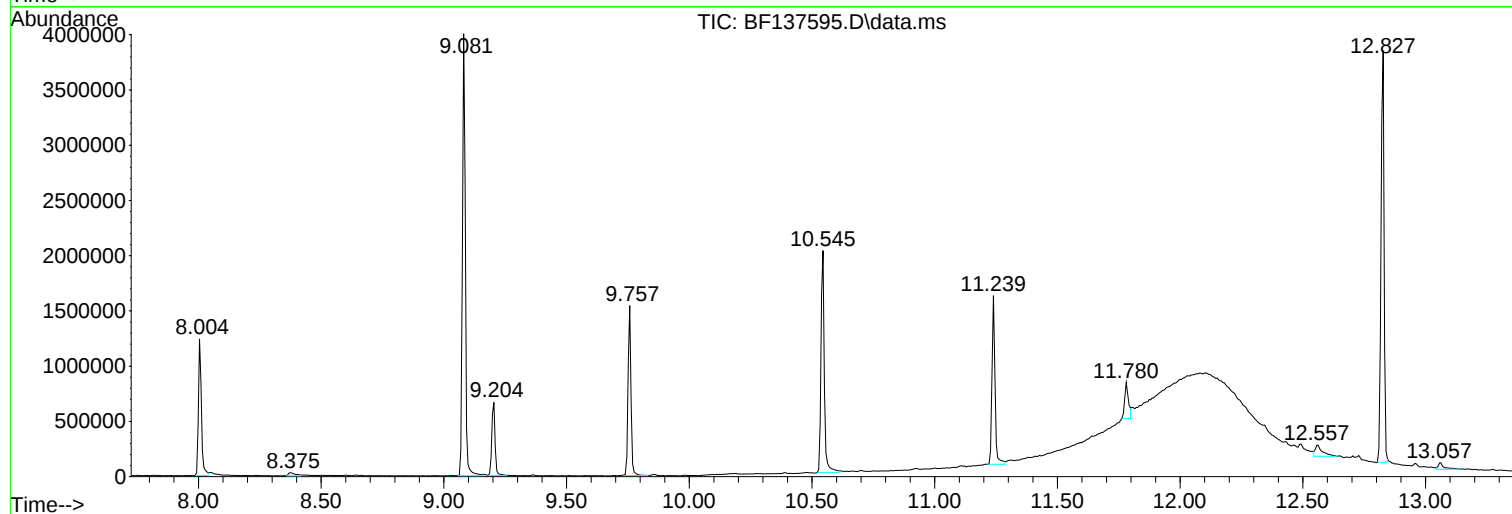
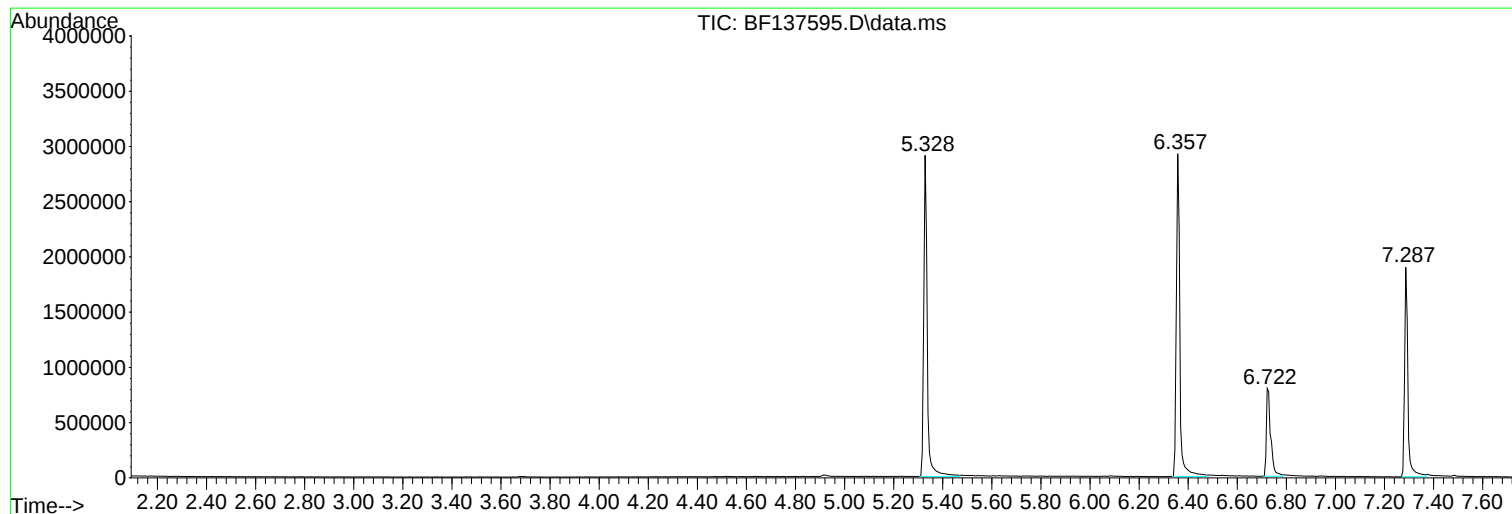
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ClientSampleId :
SB-01-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.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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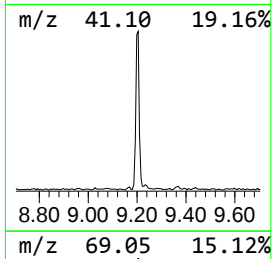
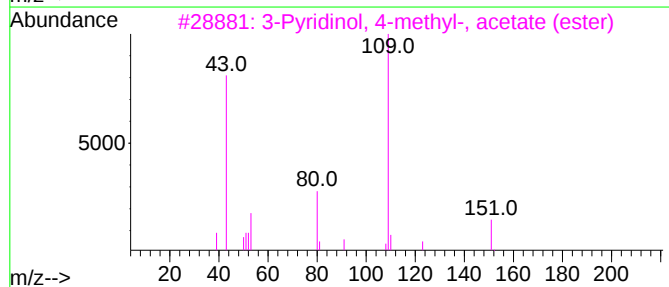
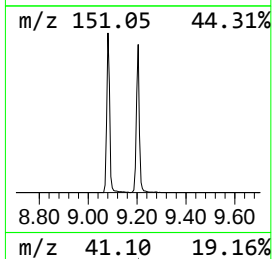
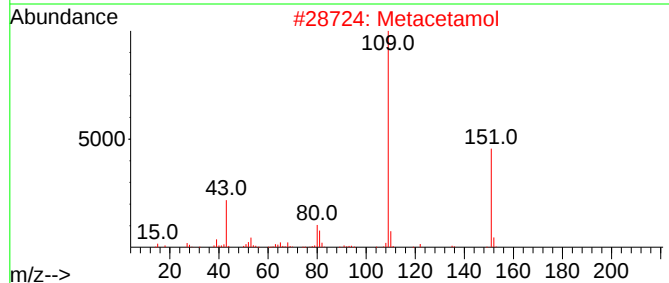
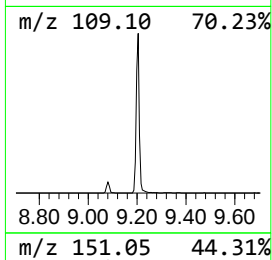
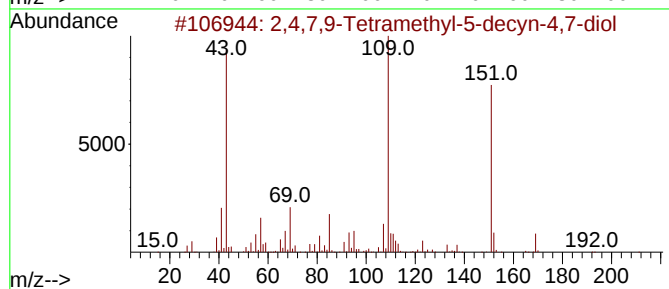
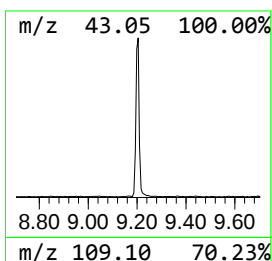
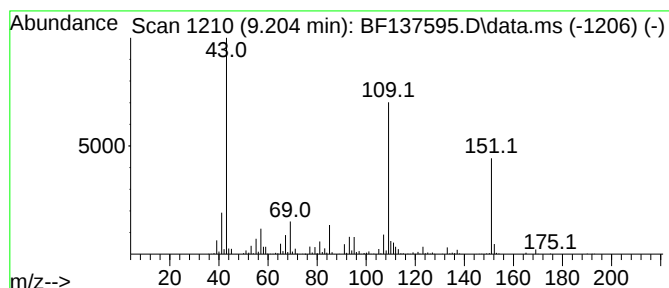
Instrument :
BNA_F
ClientSampleId :
SB-01-4.0-6.0

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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 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.204	9.70 ng	611832	Acenaphthene-d10	9.757	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Metacetamol	151	C8H9NO2	000621-42-1	58
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
4	2,4-Heptadienal, 2,4-dimethyl-	138	C9H14O	042452-48-2	35
5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	35



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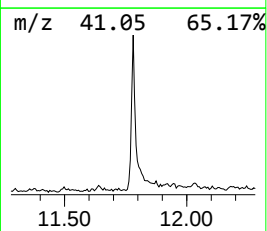
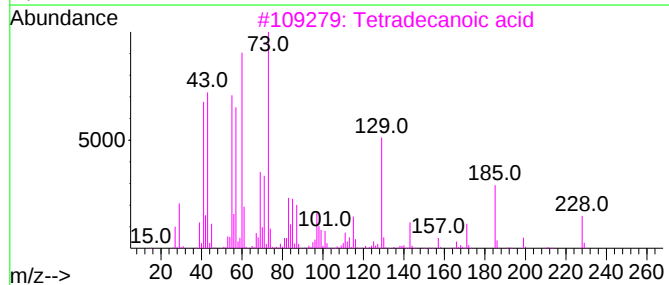
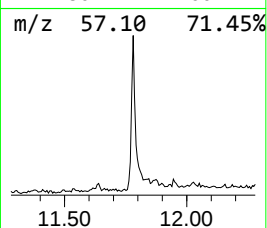
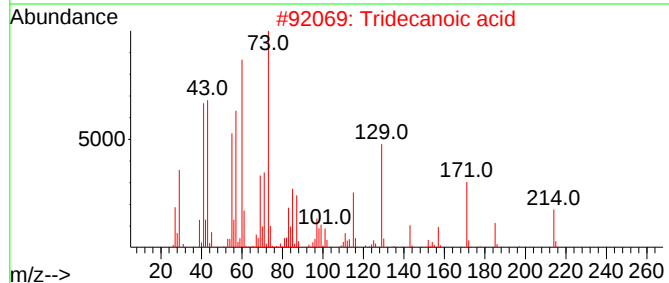
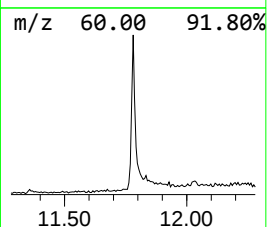
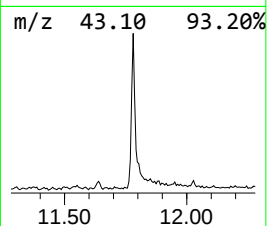
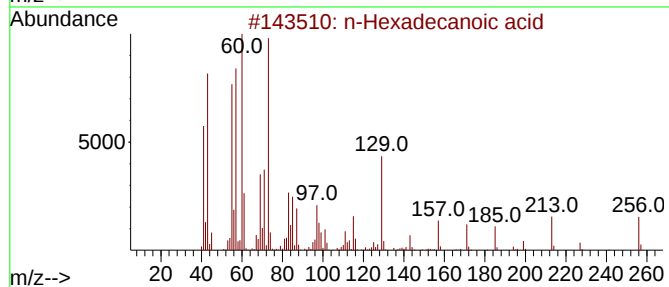
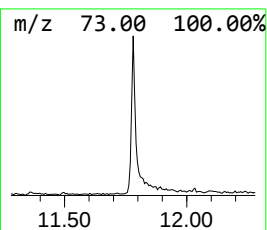
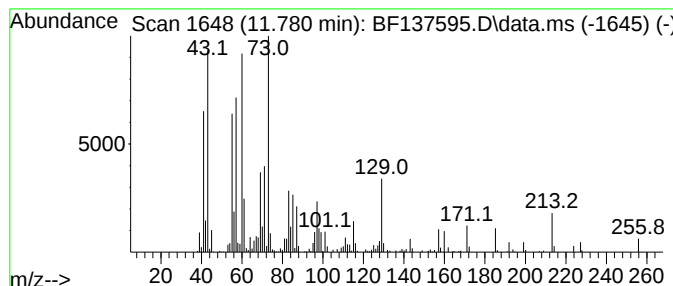
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	5.33 ng	348916	Phenanthrene-d10	11.239

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	95
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5			Dodecanoic acid	200	C12H24O2	000143-07-7	83



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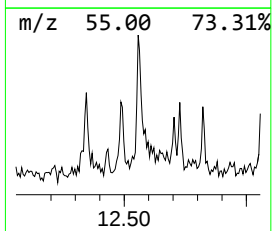
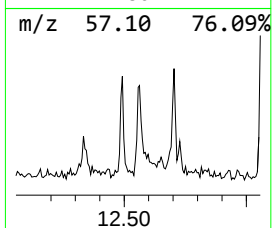
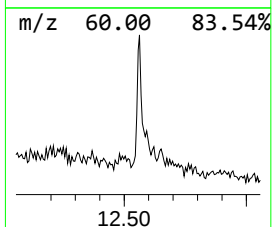
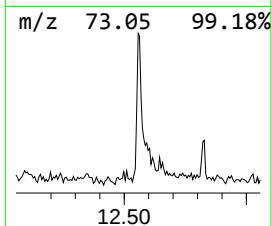
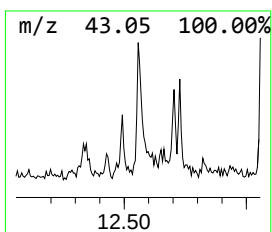
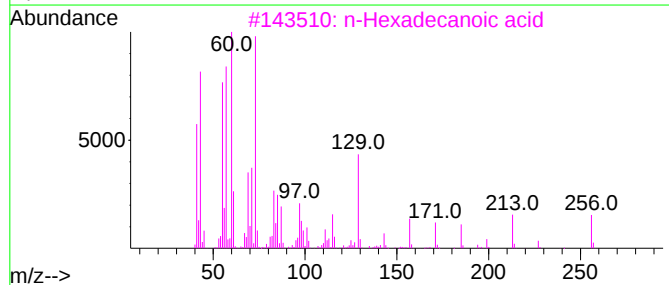
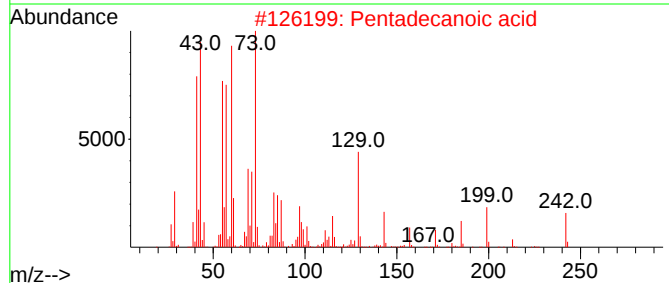
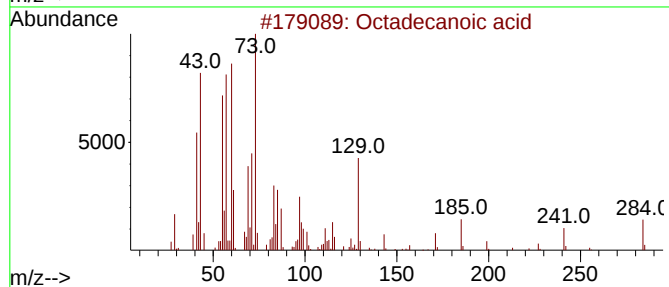
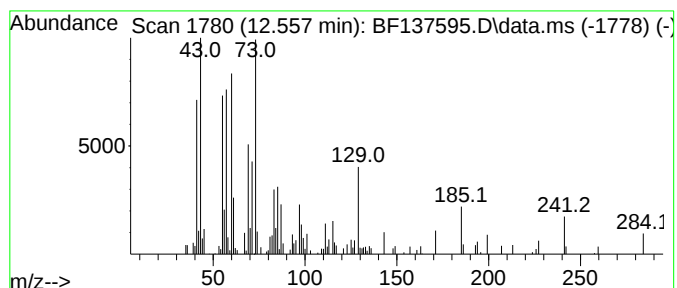
Instrument :
BNA_F
ClientSampleId :
SB-01-4.0-6.0

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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 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.557	3.18 ng	208106	Phenanthrene-d10	11.239	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Hexadecane	226	C16H34	000544-76-3	25



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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-4.0-6.0

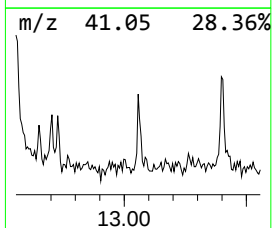
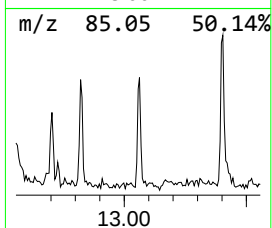
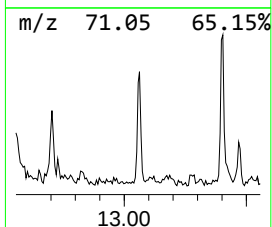
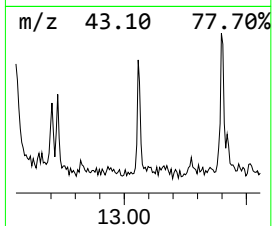
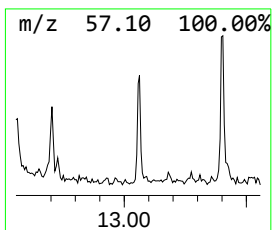
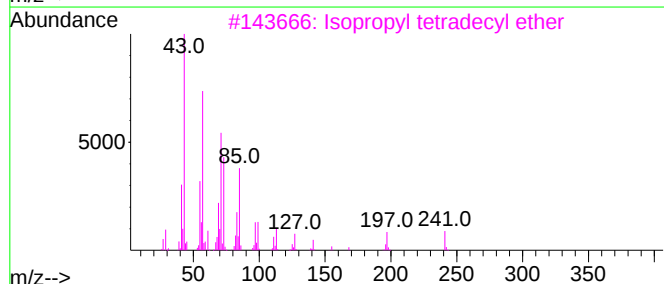
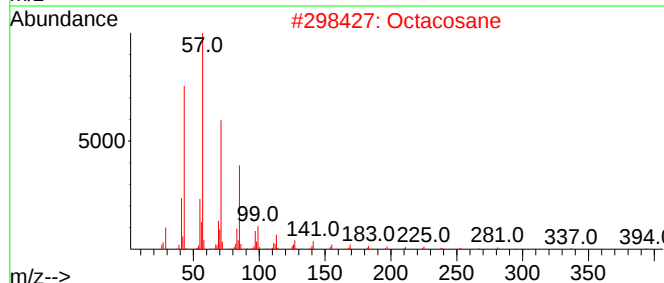
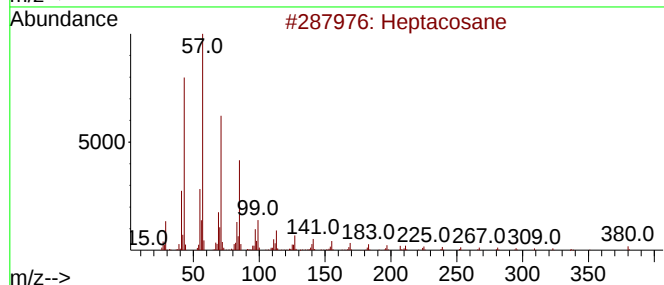
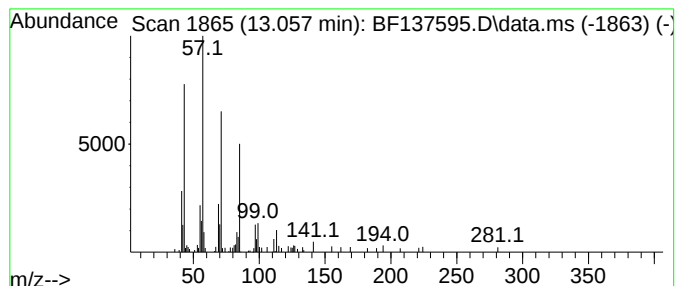
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.057	2.15 ng	99687	Chrysene-d12	13.874

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Isopropyl tetradecyl ether	256	C17H36O	1000406-34-0	90
4			Tetratetracontane	619	C44H90	007098-22-8	90
5			Pentacosane	352	C25H52	000629-99-2	90



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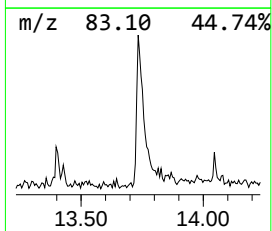
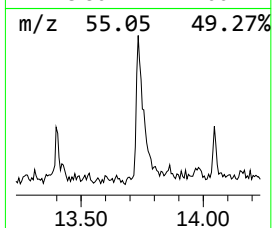
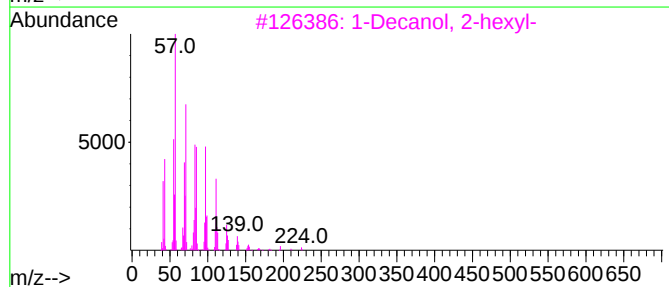
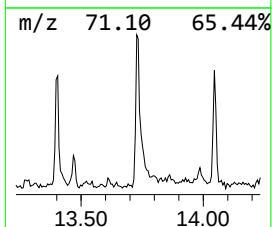
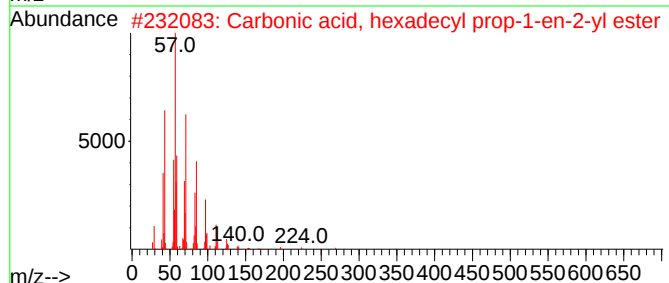
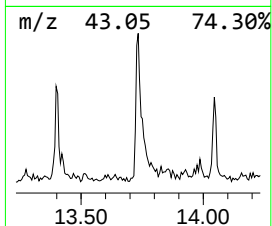
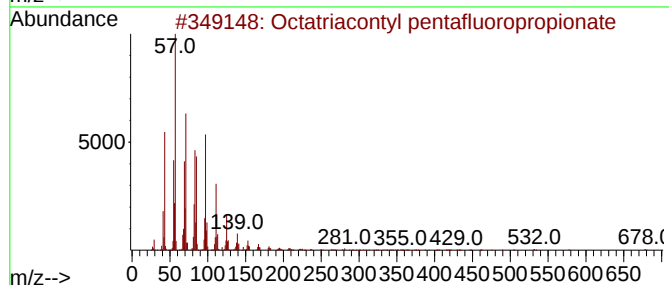
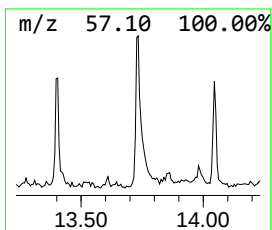
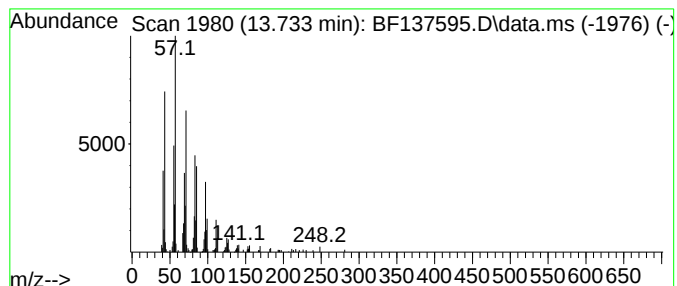
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octatriacontyl pentafluorop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.733	4.88 ng	226539	Chrysene-d12	13.874

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	91
2			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	87
3			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
4			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	87
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4,7,9-Tetrame...	9.204	9.7	ng	611832	3	9.757	1261760	20.0
n-Hexadecanoic ...	11.780	5.3	ng	348916	4	11.239	1309490	20.0
Octadecanoic acid	12.557	3.2	ng	208106	4	11.239	1309490	20.0
Heptacosane	13.057	2.1	ng	99687	5	13.874	928048	20.0
Octatriacontyl ...	13.733	4.9	ng	226539	5	13.874	928048	20.0