

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119758.D
 Acq On : 4 Apr 2020 11:12
 Operator : MA/SJ
 Sample : L2100-08
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239-020304-0-11

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BF031820.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.034	497	501	510	rVB	61673	90750	1.57%	0.218%
2	5.428	562	568	571	rBV	5445869	5787274	100.00%	13.916%
3	6.439	734	740	743	rBV	4540493	5658869	97.78%	13.607%
4	6.804	799	802	806	rBV	1301245	1003295	17.34%	2.412%
5	6.963	825	829	832	rBV	5056181	4480003	77.41%	10.772%
6	7.369	892	898	901	rBV	3360341	3610554	62.39%	8.682%
7	8.086	1016	1020	1024	rBV	1373005	1235162	21.34%	2.970%
8	9.169	1199	1204	1207	rBV	6278073	5691977	98.35%	13.687%
9	9.557	1267	1270	1274	rBV	576348	502929	8.69%	1.209%
10	9.845	1315	1319	1322	rBV	1535519	1186918	20.51%	2.854%
11	10.633	1448	1453	1457	rBV	3033901	2977818	51.45%	7.160%
12	11.333	1568	1572	1574	rBV	1325320	1048677	18.12%	2.522%
13	11.357	1574	1576	1579	rVB	94146	71904	1.24%	0.173%
14	11.863	1659	1662	1668	rBV	433852	411754	7.11%	0.990%
15	12.545	1775	1778	1781	rBV	307356	261281	4.51%	0.628%
16	12.592	1783	1786	1792	rVB4	52346	64029	1.11%	0.154%
17	12.645	1792	1795	1801	rBV2	138699	186109	3.22%	0.448%
18	12.774	1810	1817	1820	rBV	242868	253490	4.38%	0.610%
19	12.921	1838	1842	1846	rBV	4546387	4151108	71.73%	9.982%
20	13.404	1921	1924	1930	rVB	145905	126153	2.18%	0.303%
21	13.821	1992	1995	2005	rVB	469346	522043	9.02%	1.255%
22	13.974	2016	2021	2024	rBV	1065151	1051726	18.17%	2.529%
23	13.998	2024	2025	2030	rVB	127522	87822	1.52%	0.211%
24	14.451	2099	2102	2106	rBV3	99836	126109	2.18%	0.303%
25	14.751	2151	2153	2157	rBV	68354	68949	1.19%	0.166%
26	15.003	2194	2196	2204	rVB	117219	196372	3.39%	0.472%
27	15.427	2264	2268	2272	rBV	625212	734763	12.70%	1.767%

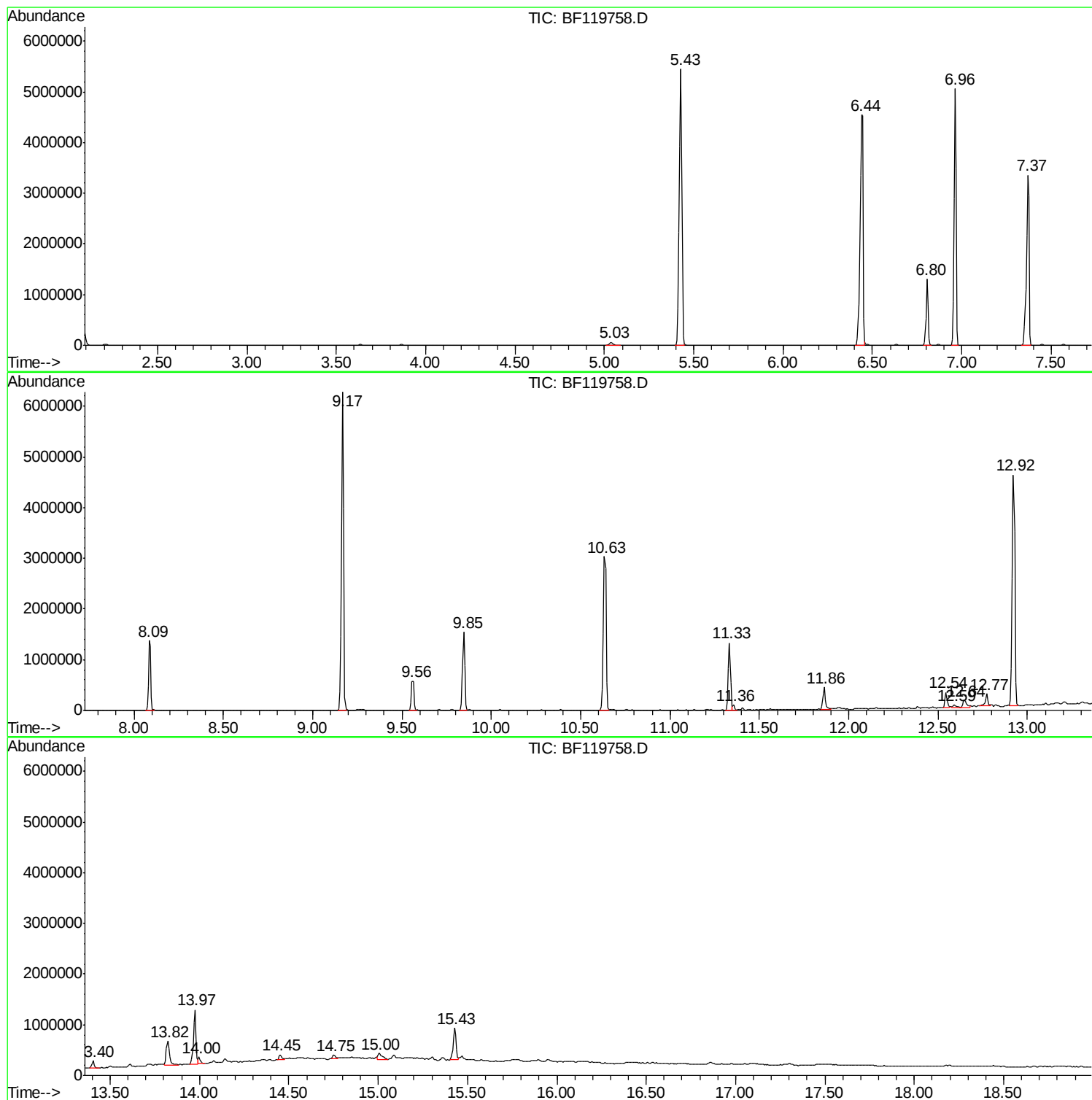
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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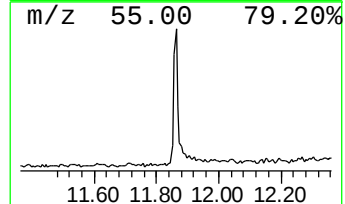
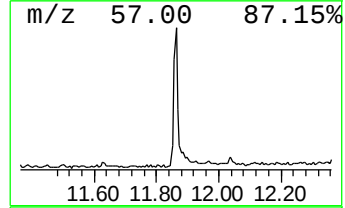
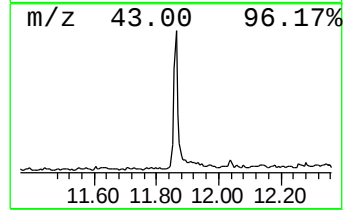
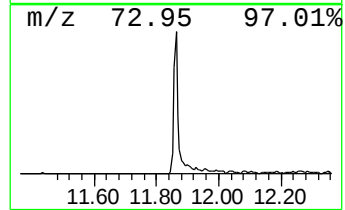
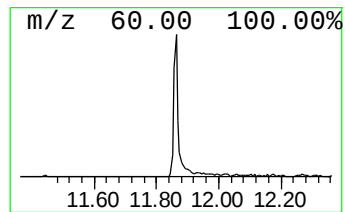
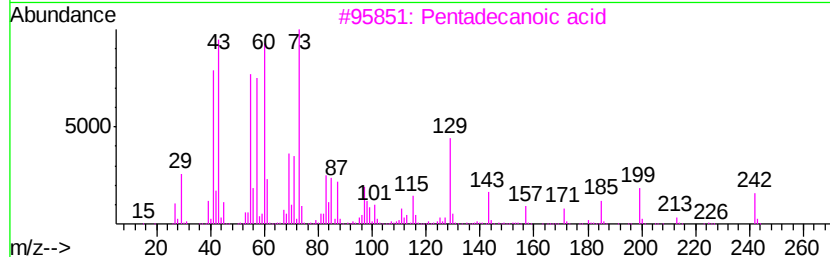
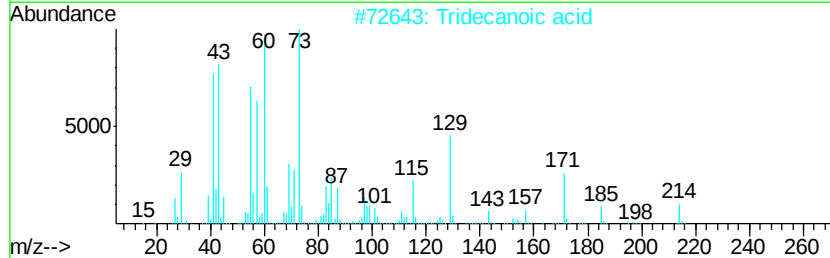
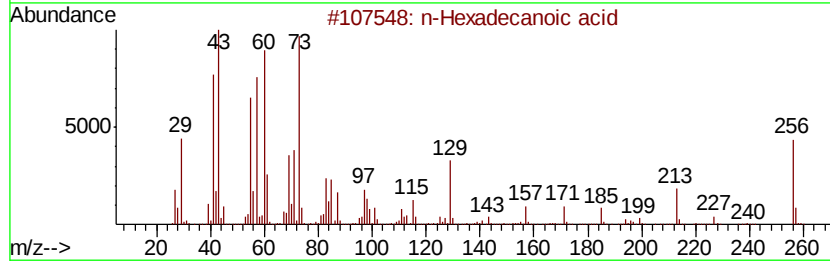
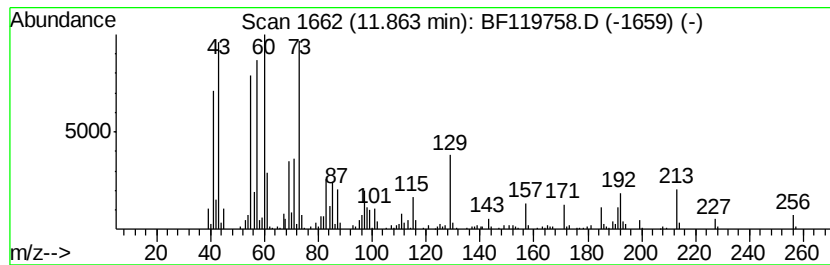
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ClientSampleId :
239-020304-0-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.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 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.86	7.85 ng	411754	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	62



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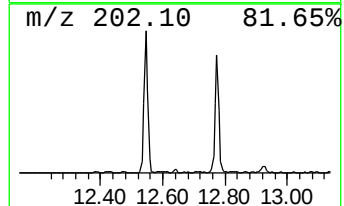
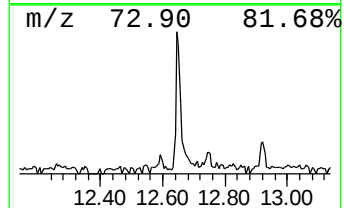
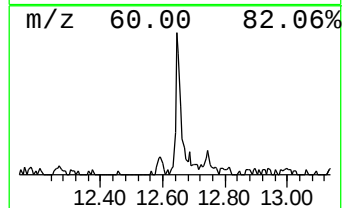
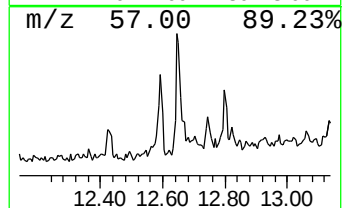
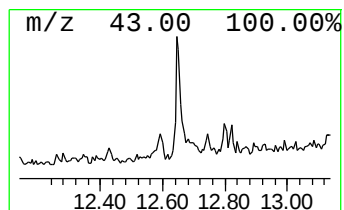
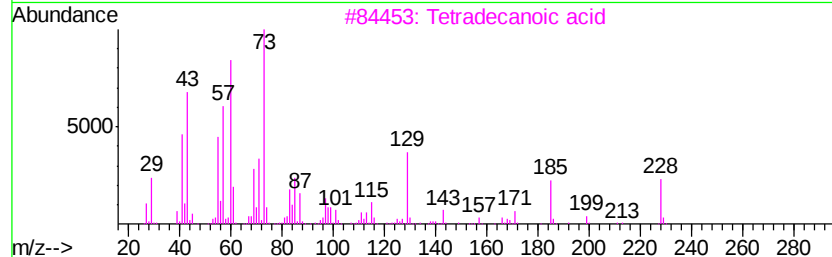
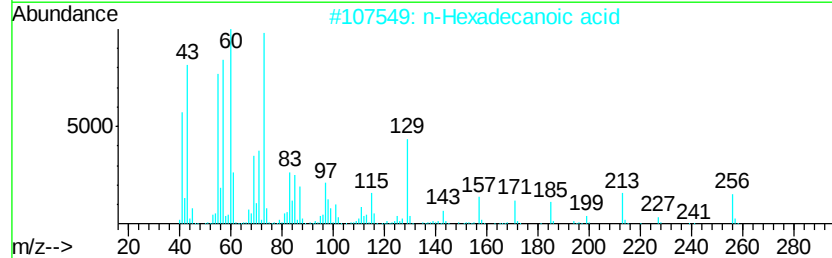
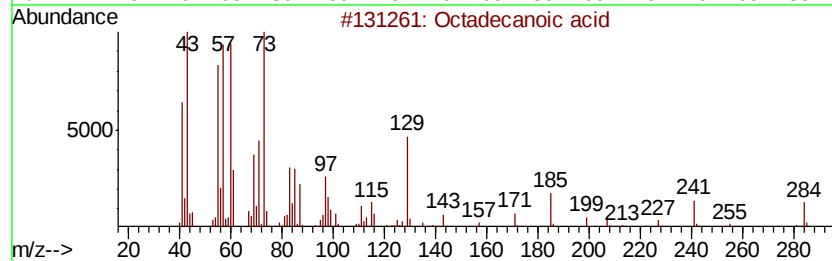
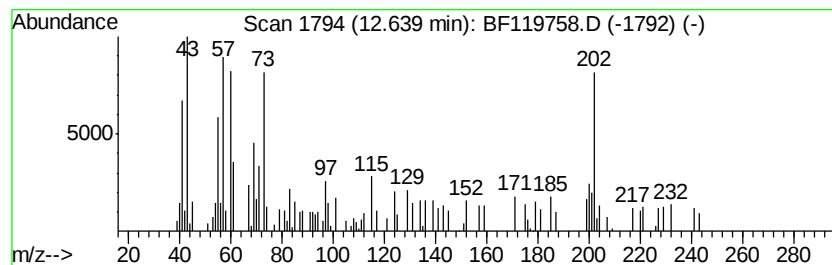
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.64	3.55 ng	186109	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58



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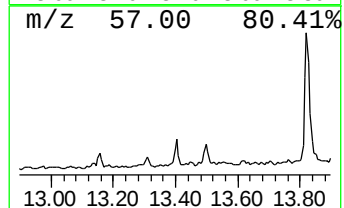
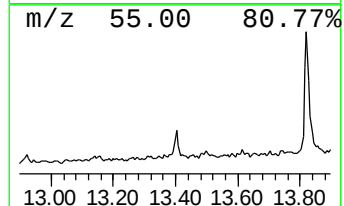
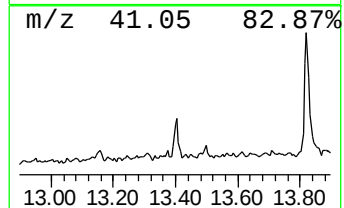
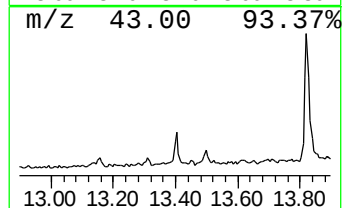
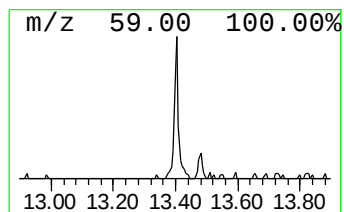
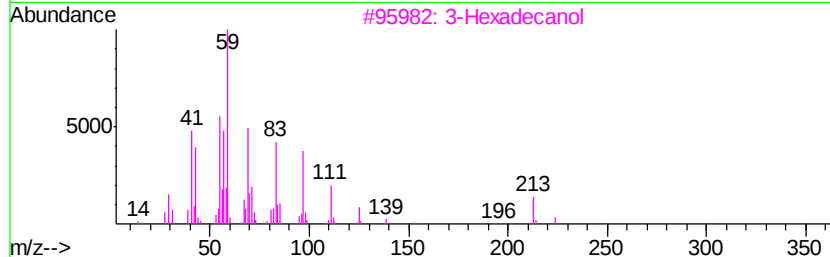
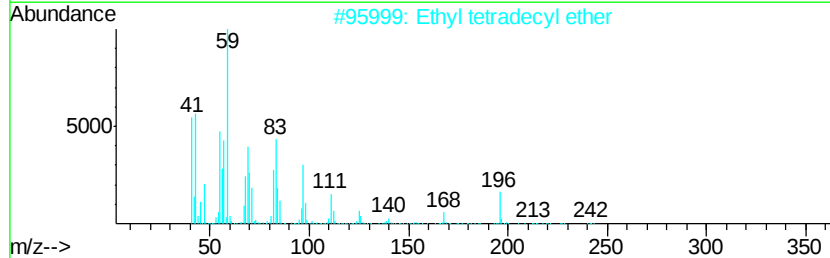
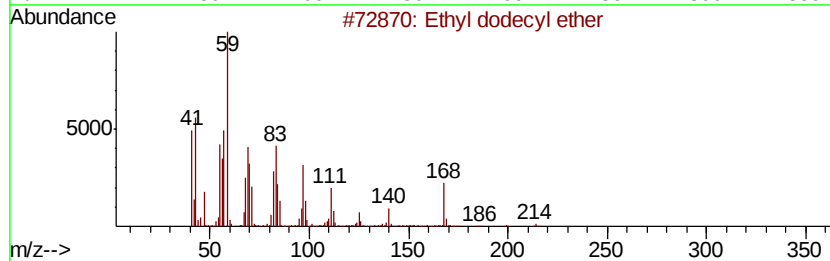
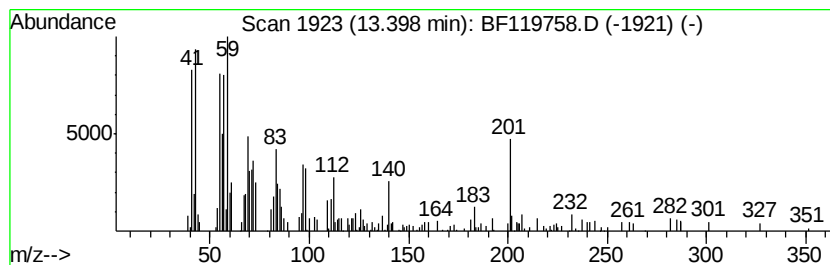
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239-020304-0-11

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

Peak Number 4 unknown13.40 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.40	2.40 ng	126153	Chrysene-d12	13.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl dodecyl ether	214	C14H30O	007289-37-4	38
2	Ethyl tetradecyl ether	242	C16H34O	1000130-99-7	35
3	3-Hexadecanol	242	C16H34O	000593-03-3	35
4	Tetradecanamide	227	C14H29NO	000638-58-4	27
5	3-Decanol, 6-ethyl-,	186	C12H26O	019780-31-5	27



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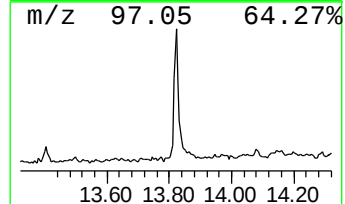
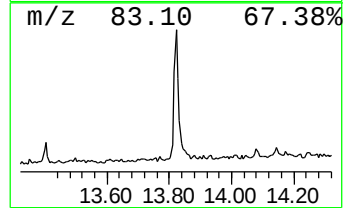
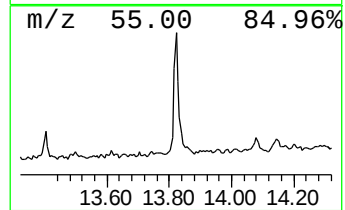
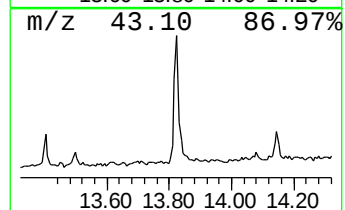
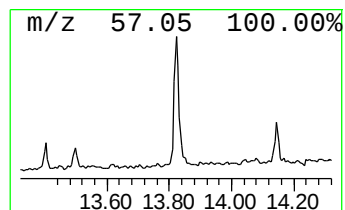
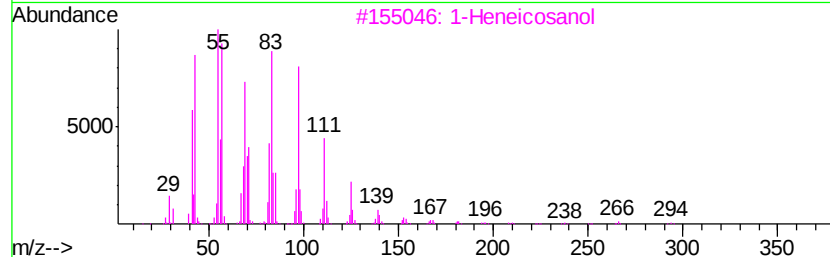
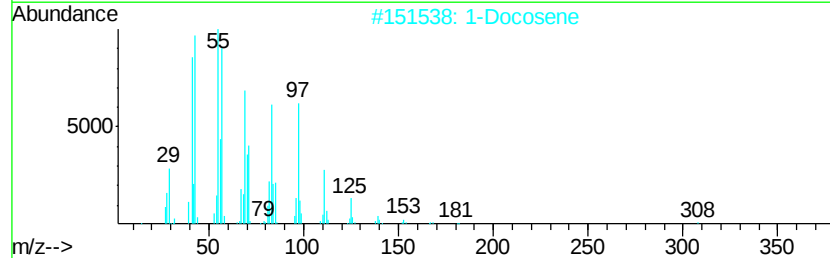
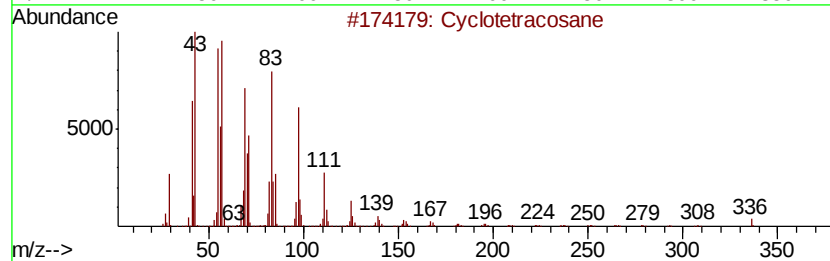
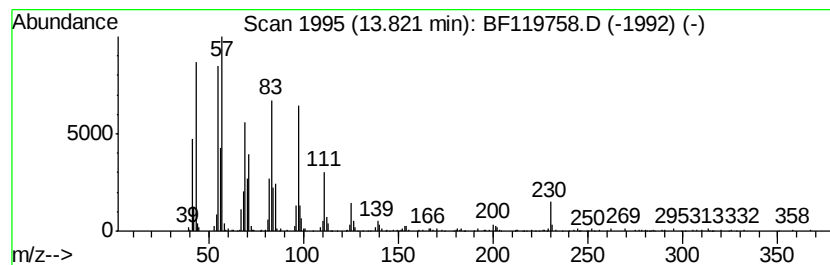
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Cyclotetracosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	9.93 ng	522043	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	94
2		1-Docosene	308	C22H44	001599-67-3	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	91



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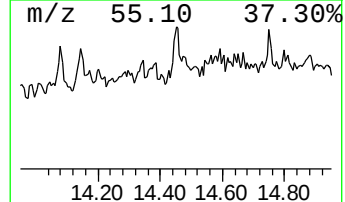
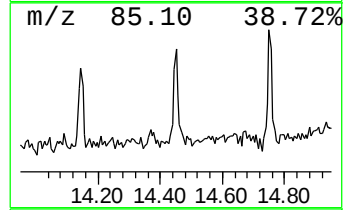
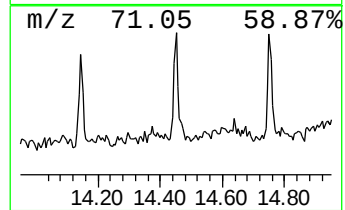
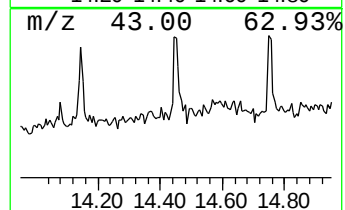
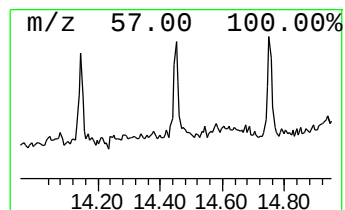
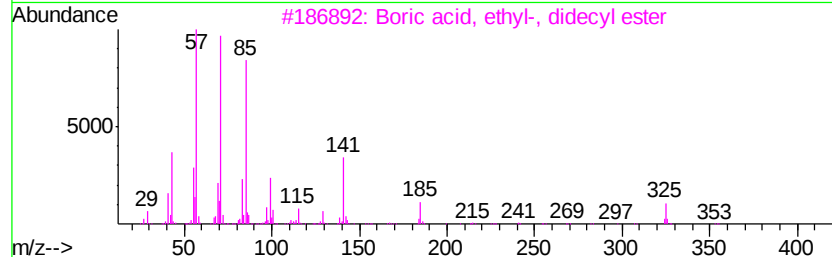
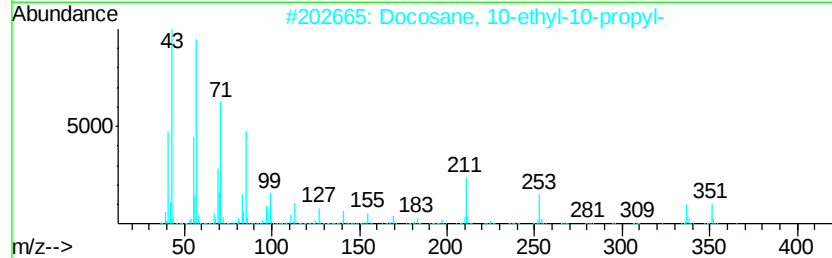
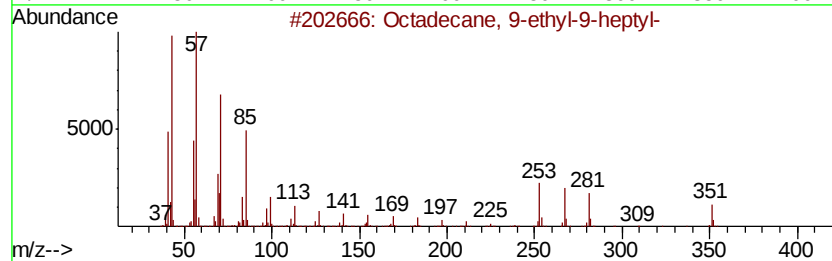
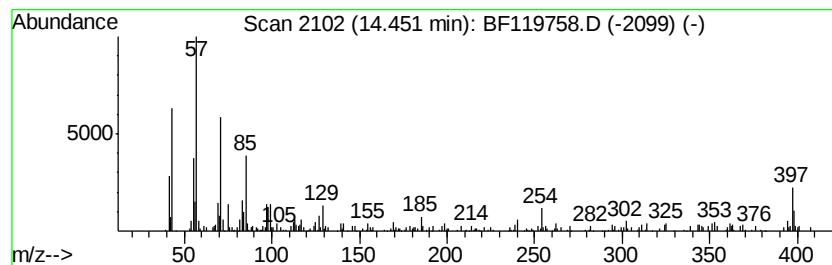
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Peak Number 6 unknown14.45 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.45	2.40 ng	126109	Chrysene-d12	13.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 9-ethyl-9-heptyl-	380	C27H56	055282-27-4	38
2	Docosane, 10-ethyl-10-propyl-	380	C27H56	055282-31-0	25
3	Boric acid, ethyl-, didecyl ester	354	C22H47B02	1000152-34-4	25
4	Tetracosane, 5-ethyl-5-methyl-	380	C27H56	055282-30-9	10
5	1-Heptadecanamine	255	C17H37N	004200-95-7	10



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	11.86	7.8	ng	411754	4	11.33	1048680	20.0
Octadecanoic acid	12.64	3.5	ng	186109	4	11.33	1048680	20.0
unknown13.40	13.40	2.4	ng	126153	5	13.97	1051730	20.0
Cyclotetracosane	13.82	9.9	ng	522043	5	13.97	1051730	20.0
unknown14.45	14.45	2.4	ng	126109	5	13.97	1051730	20.0