

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107540.D
 Acq On : 20 Jul 2018 22:44
 Operator : JU/SJ
 Sample : J4057-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-5

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-BF072018.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	5.207	484	488	501	rBV	800973	1064804	16.55%	1.670%
2	5.601	551	555	580	rBV	4276617	6216154	96.59%	9.752%
3	6.607	721	726	745	rBV	4415879	6435472	100.00%	10.096%
4	6.742	745	749	769	rVB	5295673	6277540	97.55%	9.848%
5	6.972	785	788	810	rVB	1807010	2021172	31.41%	3.171%
6	7.125	810	814	830	rBV	4231512	4881345	75.85%	7.658%
7	7.536	879	884	908	rBV	3605878	4111241	63.88%	6.450%
8	8.254	1002	1006	1021	rBV	2478049	2741094	42.59%	4.300%
9	9.330	1184	1189	1198	rBV	6490980	6423980	99.82%	10.078%
10	9.401	1198	1201	1204	rVB3	66359	85170	1.32%	0.134%
11	9.719	1251	1255	1261	rBV	436859	425019	6.60%	0.667%
12	9.872	1278	1281	1283	rBV2	108592	90082	1.40%	0.141%
13	9.919	1286	1289	1292	rVB2	144934	129663	2.01%	0.203%
14	10.013	1299	1305	1315	rBV2	2674128	2750838	42.74%	4.315%
15	10.419	1371	1374	1377	rVB2	139429	132440	2.06%	0.208%
16	10.807	1436	1440	1449	rBV	3985761	4348397	67.57%	6.822%
17	10.913	1456	1458	1461	rVB	147977	132835	2.06%	0.208%
18	11.507	1556	1559	1562	rBV	2606106	2442339	37.95%	3.831%
19	11.583	1569	1572	1578	rBV	589320	615649	9.57%	0.966%
20	12.018	1643	1646	1652	rBV2	643504	712590	11.07%	1.118%
21	12.724	1763	1766	1770	rBV	601720	517623	8.04%	0.812%
22	12.954	1803	1805	1811	rVB	518920	557201	8.66%	0.874%
23	13.095	1825	1829	1832	rVB	4957400	4628212	71.92%	7.261%
24	13.348	1870	1872	1874	rBV	135287	103325	1.61%	0.162%
25	13.765	1941	1943	1948	rBV4	141136	148677	2.31%	0.233%
26	13.971	1975	1978	1986	rVB	610900	705905	10.97%	1.107%
27	14.154	2005	2009	2012	rBV	1966713	2030956	31.56%	3.186%
28	14.183	2012	2014	2019	rVB	282417	266159	4.14%	0.418%
29	14.418	2052	2054	2057	rVB	171041	136645	2.12%	0.214%
30	14.601	2083	2085	2092	rBV5	139670	251974	3.92%	0.395%
31	15.230	2189	2192	2195	rBV	124991	161869	2.52%	0.254%
32	15.689	2265	2270	2278	rVB	1626584	2198141	34.16%	3.448%

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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-BF072018.M
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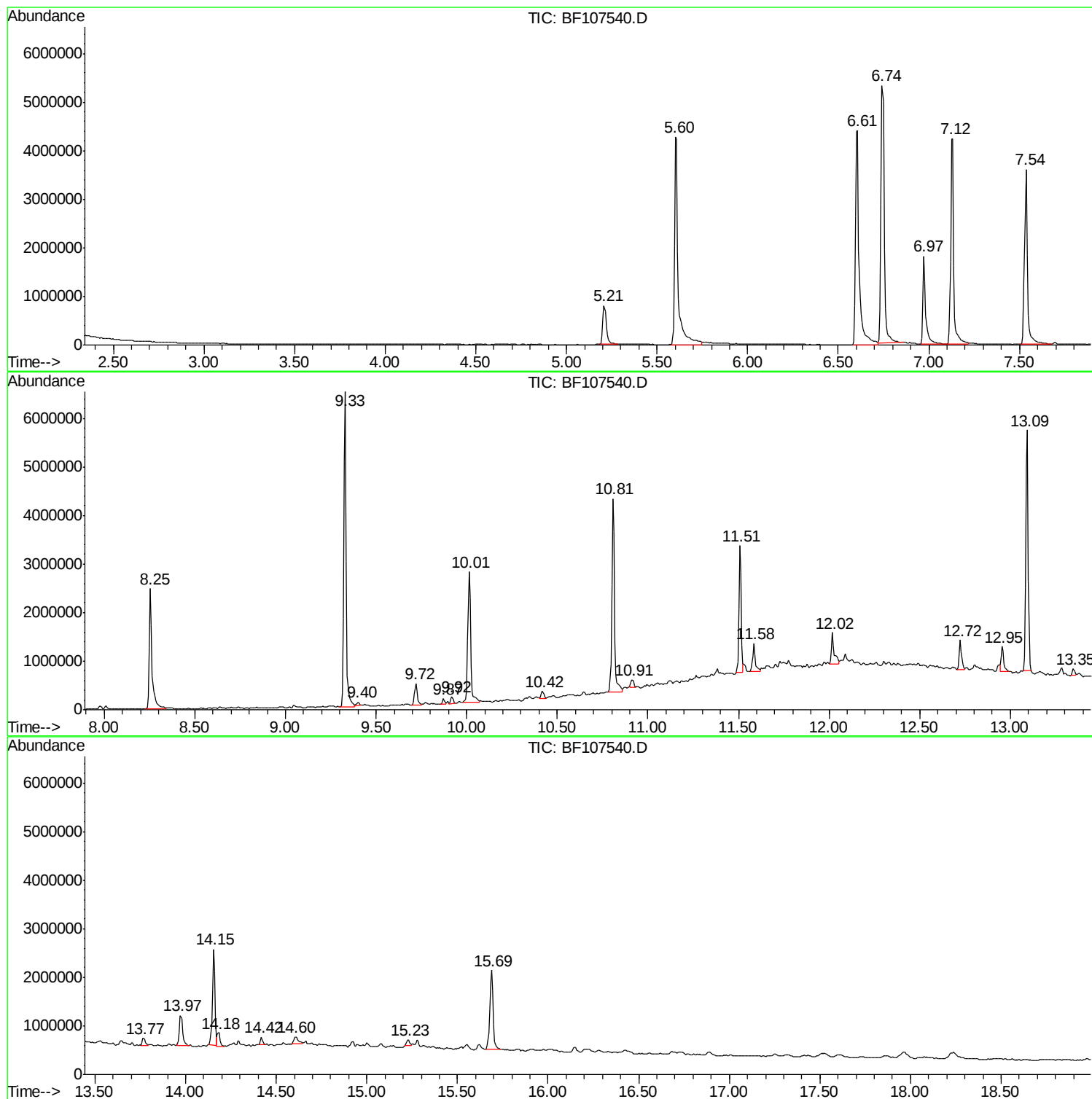
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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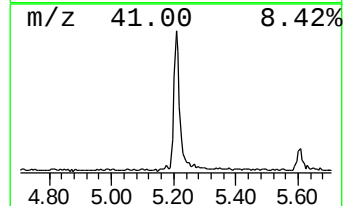
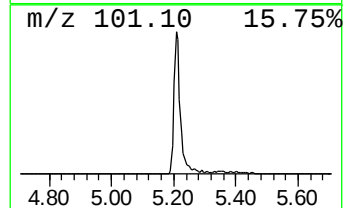
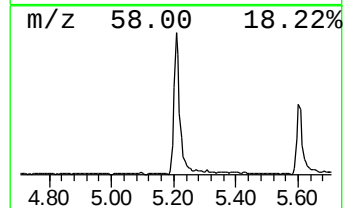
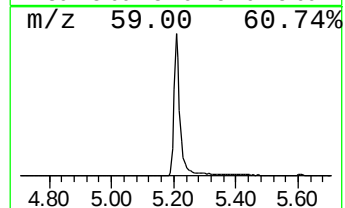
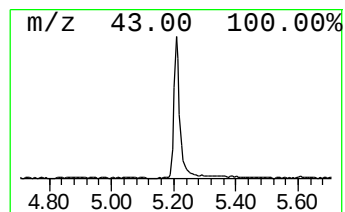
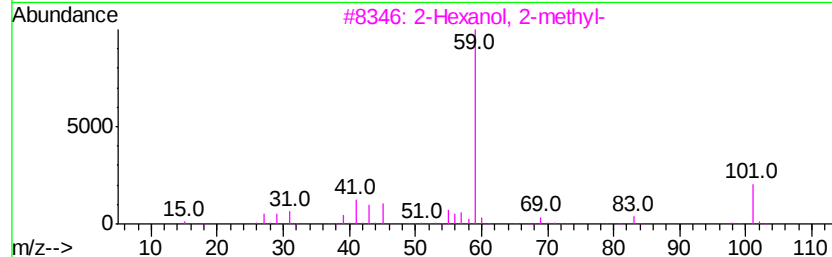
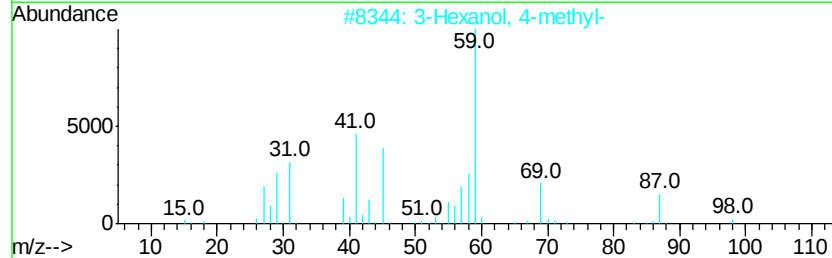
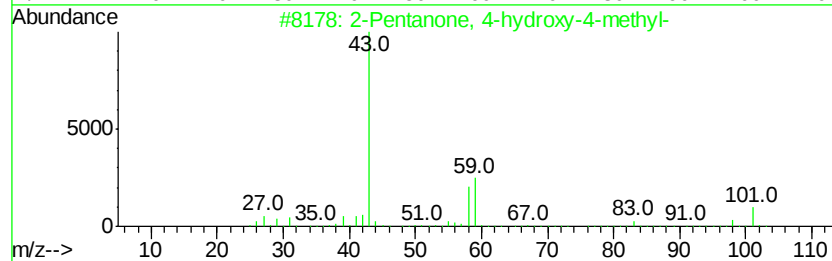
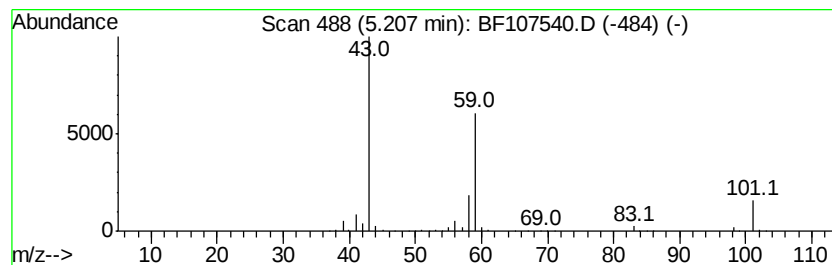
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	10.54 ng	1064800	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
5		Acetone	58	C3H6O	000067-64-1	9



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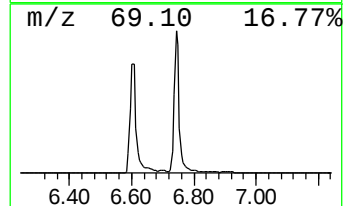
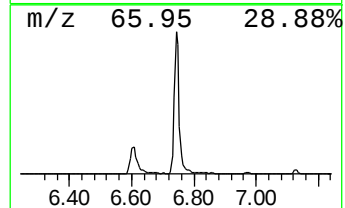
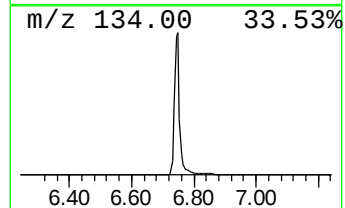
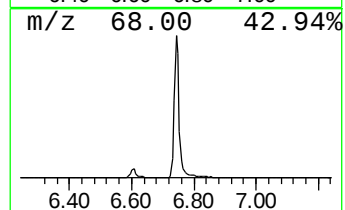
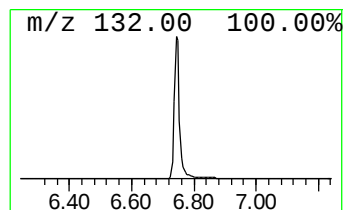
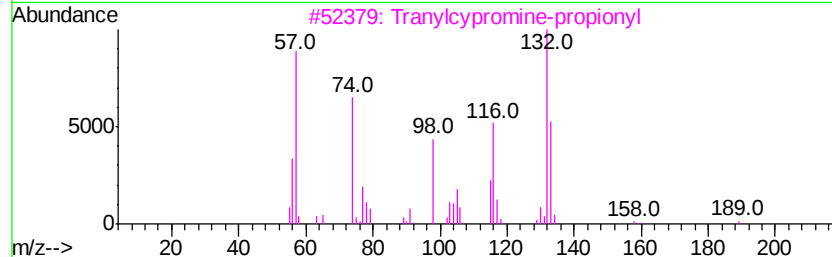
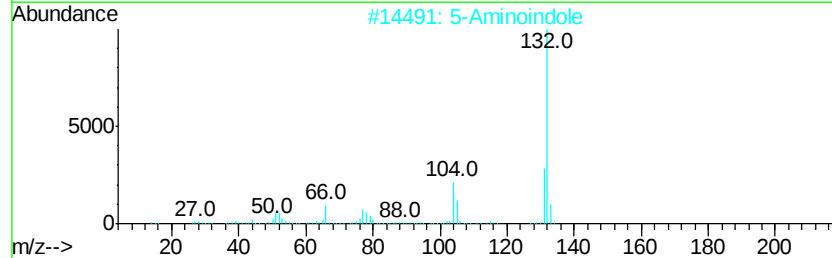
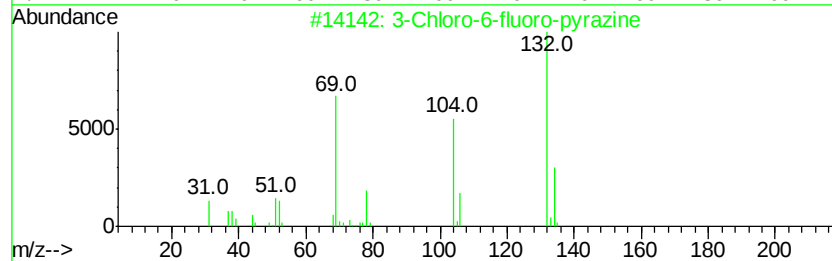
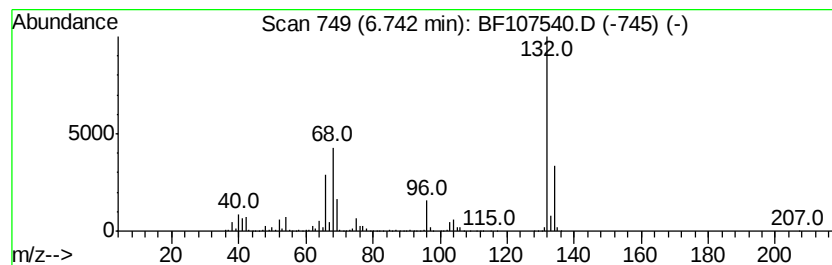
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	62.12 ng	6277540	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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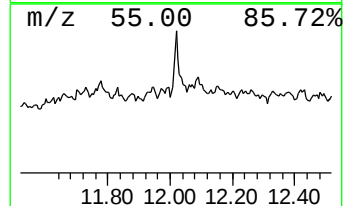
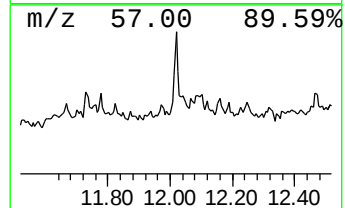
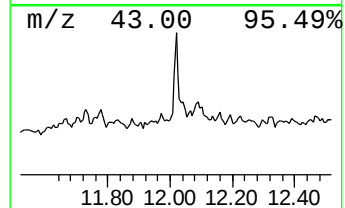
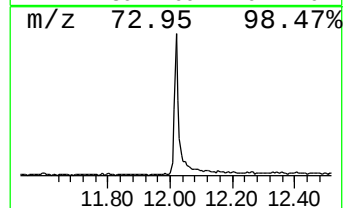
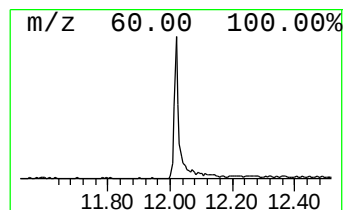
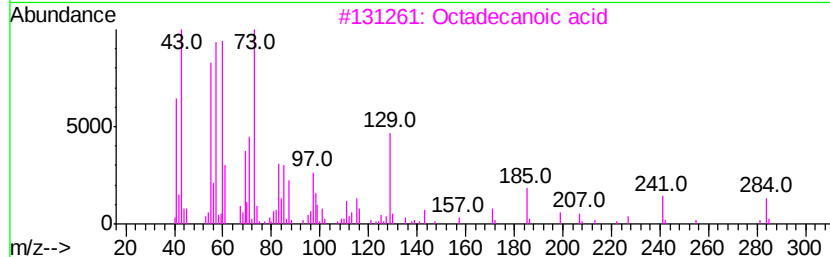
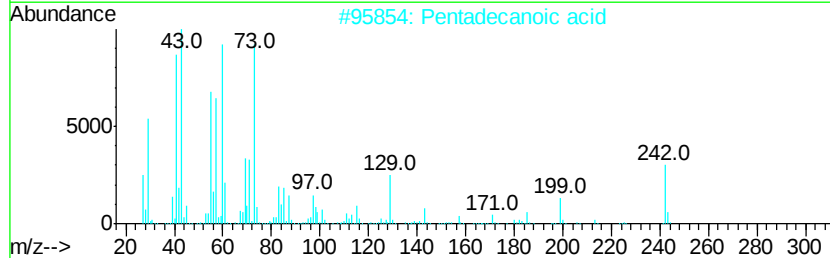
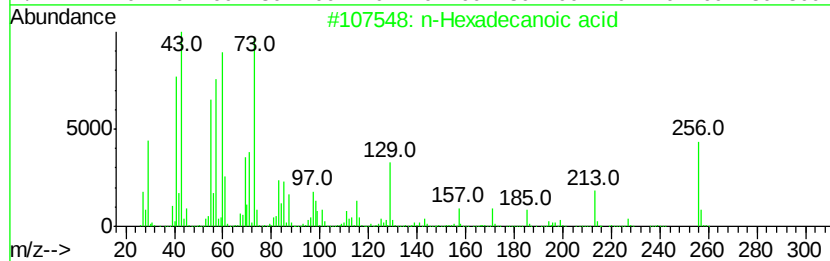
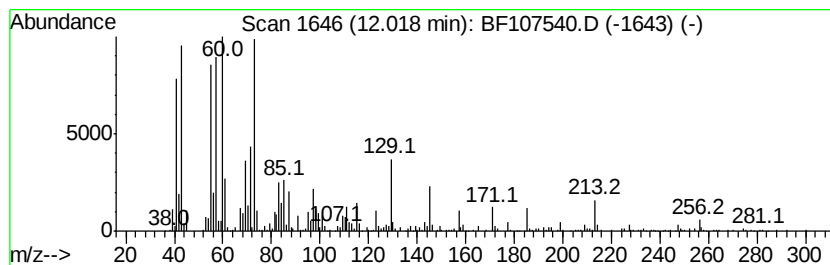
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	5.84 ng	712590	Phenanthrene-d10	11.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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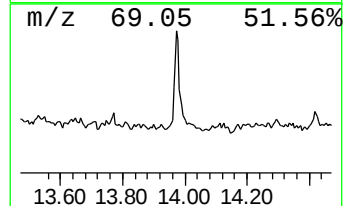
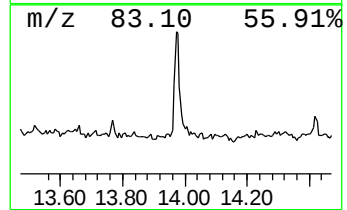
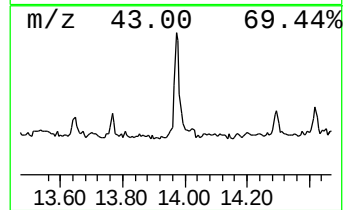
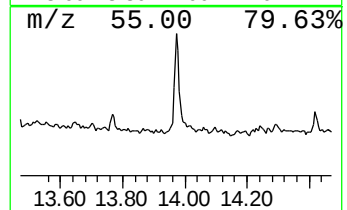
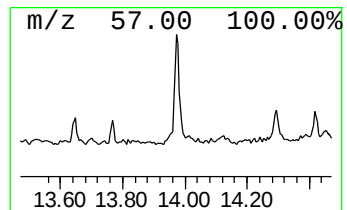
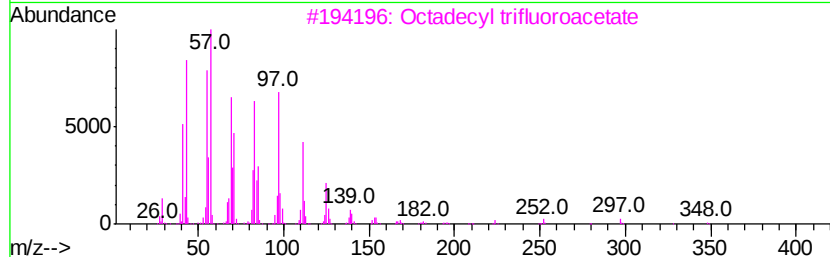
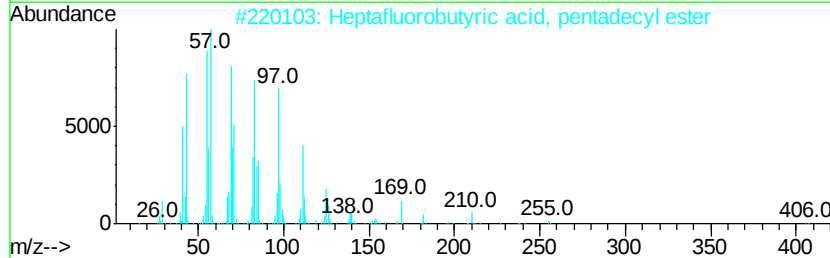
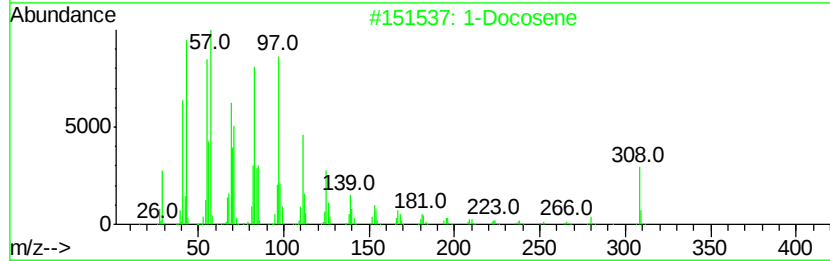
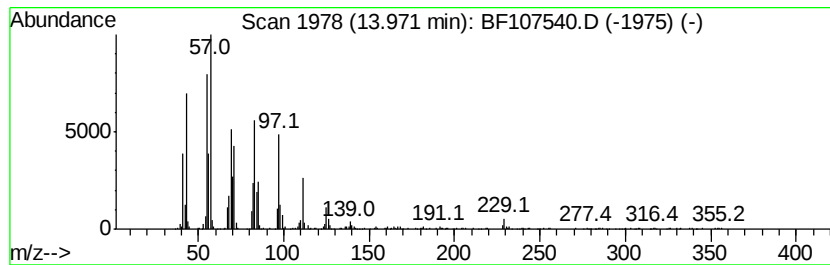
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	6.95 ng	705905	Chrysene-d12	14.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene		308 C22H44	001599-67-3 95
2	Heptafluorobutyric acid, pentade...		424 C19H31F7O2	959261-23-5 94
3	Octadecyl trifluoroacetate		366 C20H37F3O2	079392-43-1 91
4	Cyclotetracosane		336 C24H48	000297-03-0 91
5	Eicosyl trifluoroacetate		394 C22H41F3O2	1000351-75-2 91



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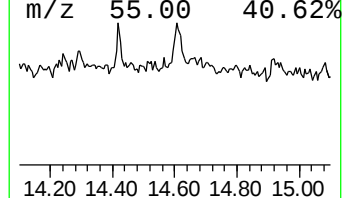
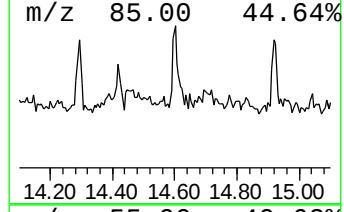
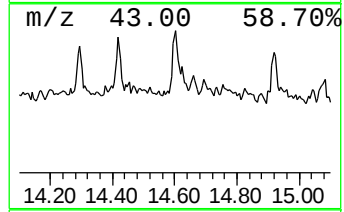
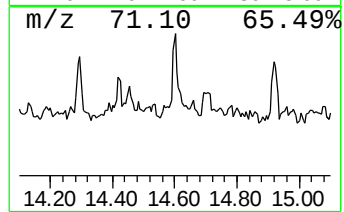
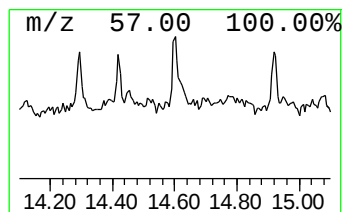
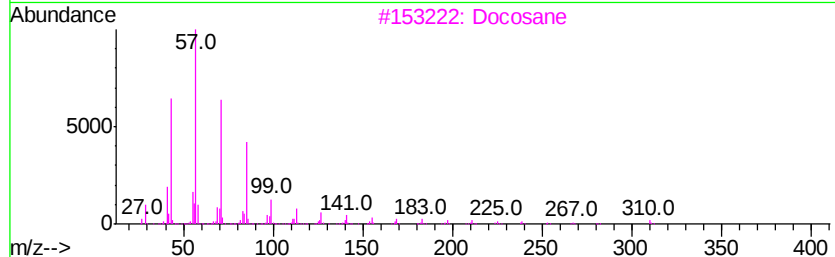
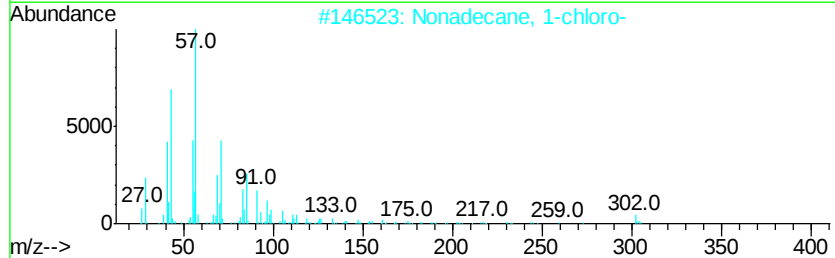
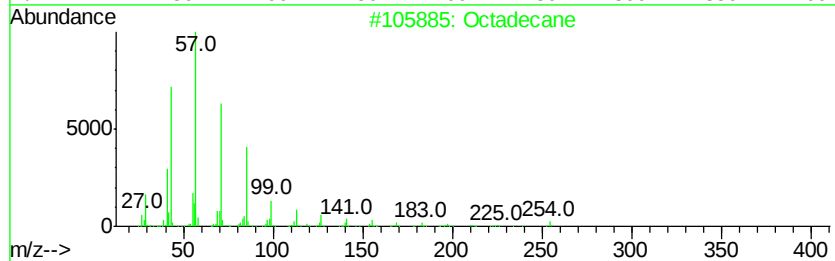
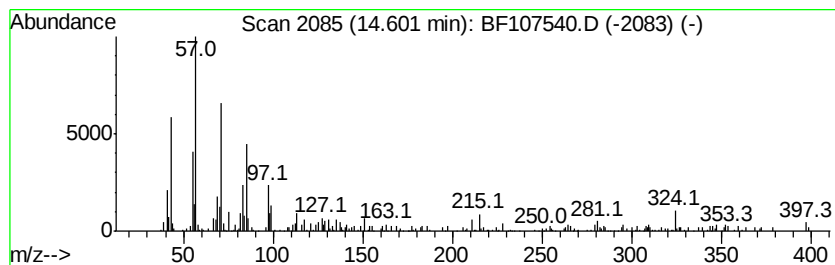
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Peak Number 6 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.48 ng	251974	Chrysene-d12	14.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	90
2	Nonadecane, 1-chloro-		302	C19H39Cl	062016-76-6	86
3	Docosane		310	C22H46	000629-97-0	83
4	Nonadecane		268	C19H40	000629-92-5	83
5	Tricosane		324	C23H48	000638-67-5	62



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.21	10.5	ng	1064800	1	6.97	2021170	20.0
unknown6.74	6.74	62.1	ng	6277540	1	6.97	2021170	20.0
n-Hexadecanoic acid	12.02	5.8	ng	712590	4	11.51	2442340	20.0
1-Docosene	13.97	7.0	ng	705905	5	14.15	2030960	20.0
Octadecane	14.60	2.5	ng	251974	5	14.15	2030960	20.0