

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107541.D
 Acq On : 20 Jul 2018 23:11
 Operator : JU/SJ
 Sample : J4057-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SOIL-1

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	5.213	485	489	505	rBV	897992	1287574	17.22%	1.812%
2	5.607	551	556	593	rBV	5393886	7440899	99.54%	10.471%
3	6.607	721	726	745	rBV	5439614	7475300	100.00%	10.519%
4	6.748	745	750	769	rVB	6068837	7230348	96.72%	10.175%
5	6.972	784	788	806	rBV	1924832	2107881	28.20%	2.966%
6	7.131	810	815	831	rBV	4958262	5522329	73.87%	7.771%
7	7.536	879	884	903	rBV	4298563	4755510	63.62%	6.692%
8	8.254	1002	1006	1018	rBV	2671086	2859022	38.25%	4.023%
9	9.330	1184	1189	1198	rBV	7274863	7263031	97.16%	10.221%
10	9.401	1198	1201	1204	rVB2	71198	89702	1.20%	0.126%
11	9.719	1251	1255	1261	rBV	520371	511951	6.85%	0.720%
12	9.872	1278	1281	1283	rBV2	89166	79108	1.06%	0.111%
13	9.919	1286	1289	1293	rVB2	121401	120703	1.61%	0.170%
14	10.013	1299	1305	1310	rBV	2897790	2913674	38.98%	4.100%
15	10.419	1371	1374	1378	rVB2	111616	123350	1.65%	0.174%
16	10.807	1436	1440	1449	rBV	4433153	5176237	69.24%	7.284%
17	10.913	1454	1458	1461	rVV	143994	188862	2.53%	0.266%
18	11.507	1555	1559	1563	rBV	2875457	2873287	38.44%	4.043%
19	12.019	1643	1646	1652	rBV	524186	609658	8.16%	0.858%
20	12.724	1763	1766	1770	rBV	308624	257220	3.44%	0.362%
21	12.954	1803	1805	1812	rVB	310972	359563	4.81%	0.506%
22	13.095	1825	1829	1832	rBV	6058341	5686885	76.08%	8.003%
23	13.971	1975	1978	1986	rVB	399016	443420	5.93%	0.624%
24	14.154	2005	2009	2013	rBV	2273117	2228106	29.81%	3.135%
25	14.601	2082	2085	2091	rBV3	220328	289442	3.87%	0.407%
26	14.918	2137	2139	2142	rVB	183496	168992	2.26%	0.238%
27	15.277	2197	2200	2204	rVB	224534	251399	3.36%	0.354%
28	15.689	2265	2270	2278	rVB	1850021	2525174	33.78%	3.553%
29	16.148	2345	2348	2353	rVB2	166033	223147	2.99%	0.314%

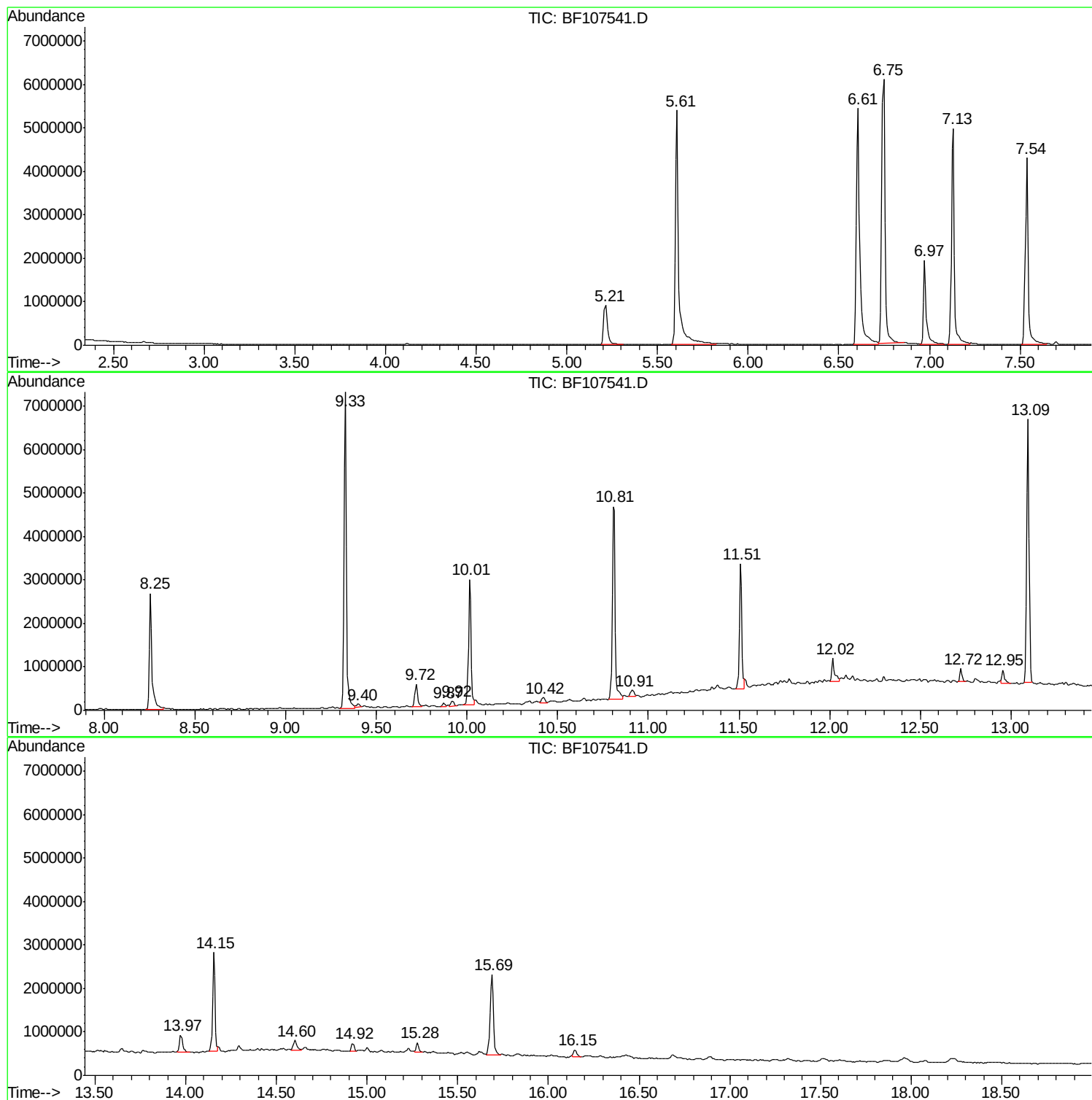
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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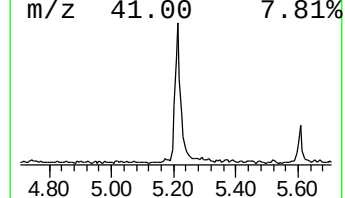
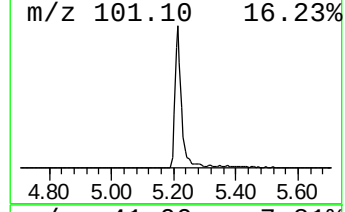
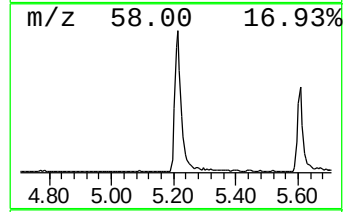
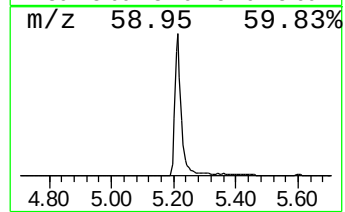
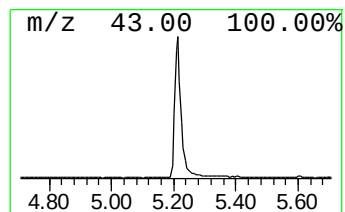
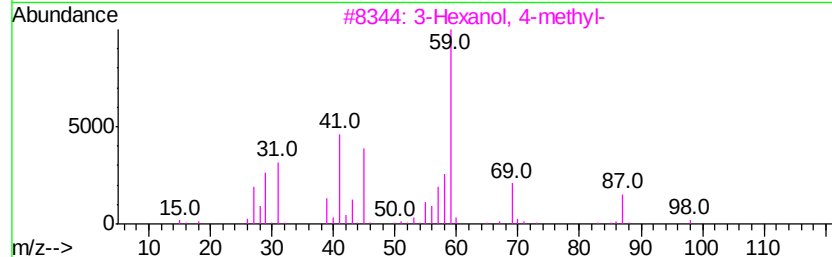
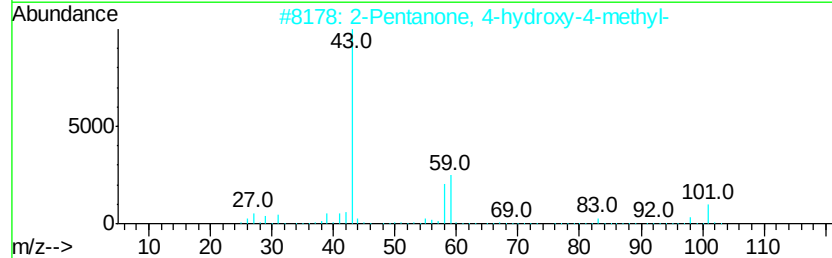
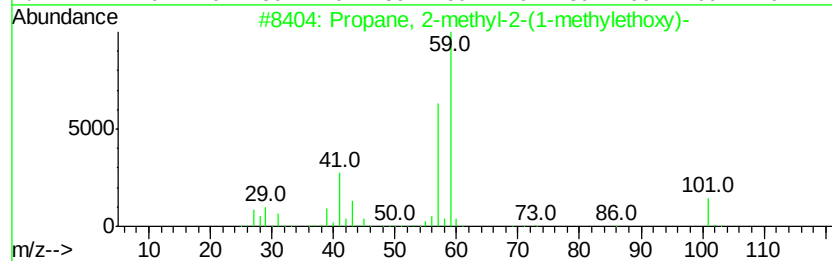
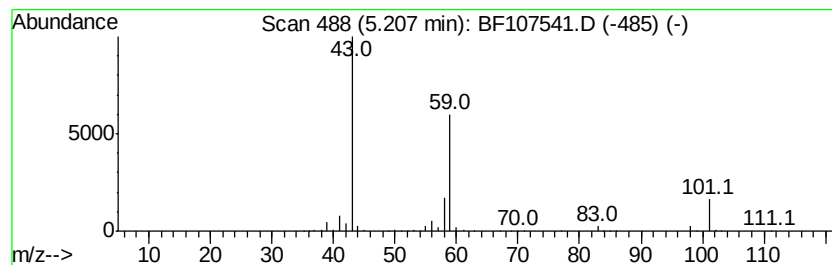
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2-methyl-2-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	12.22 ng	1287570	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



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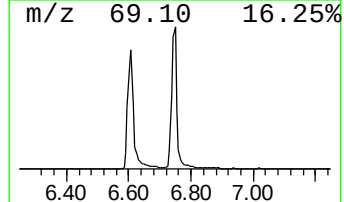
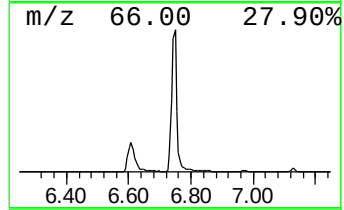
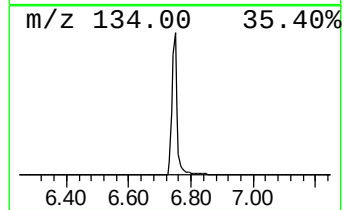
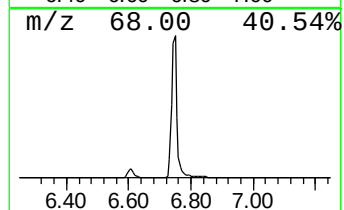
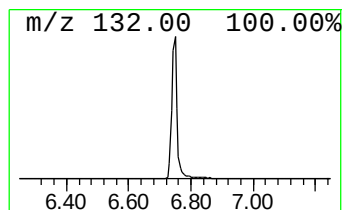
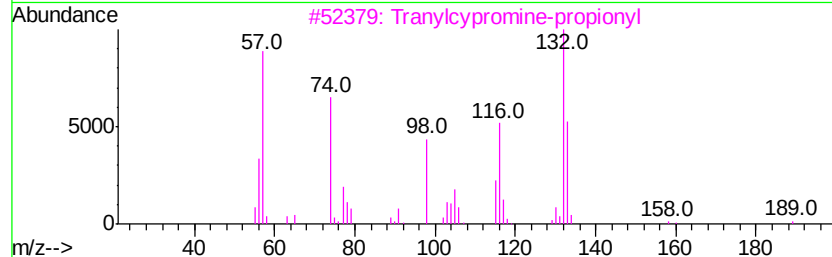
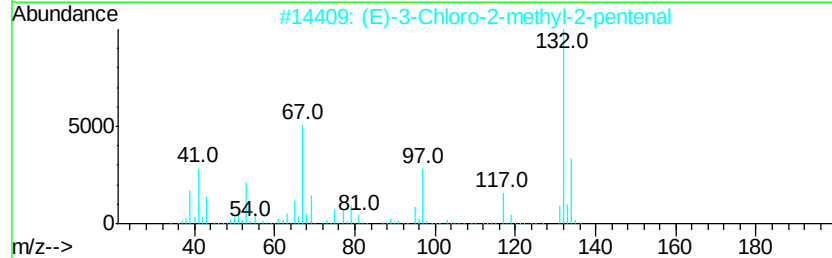
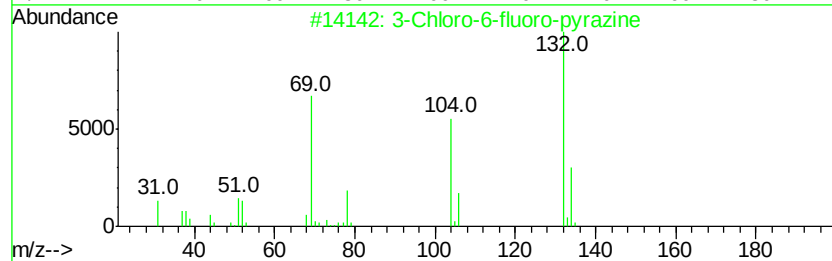
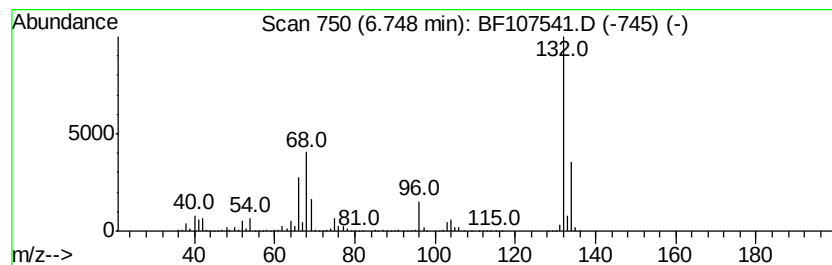
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Peak Number 2 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	68.60 ng	7230350	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		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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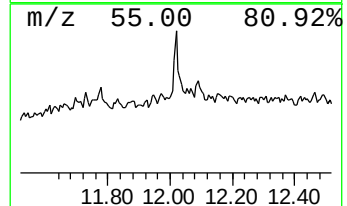
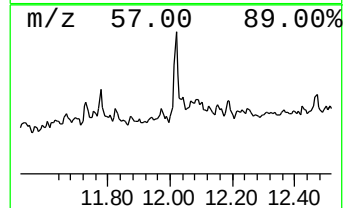
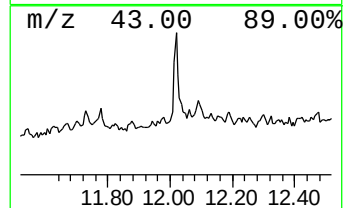
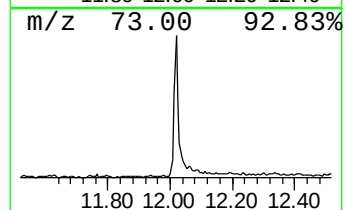
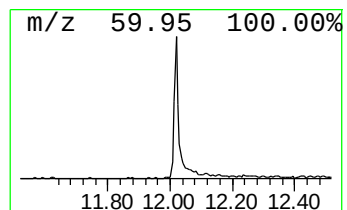
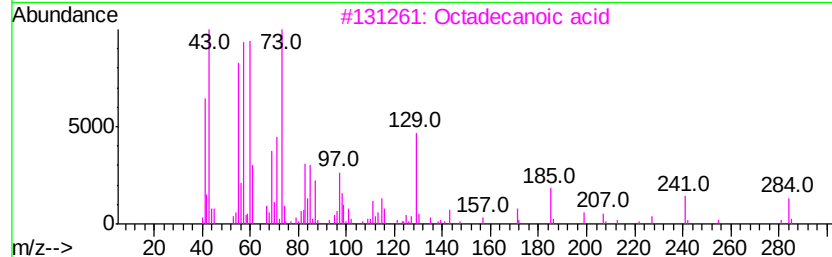
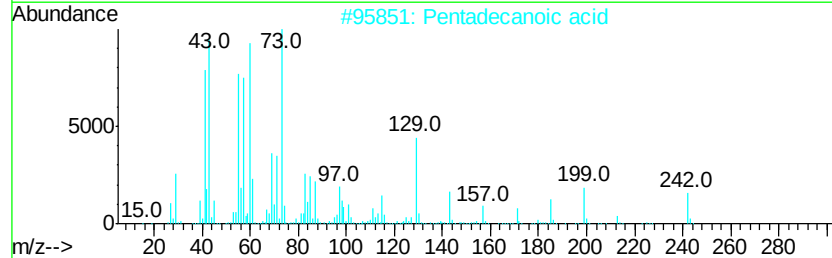
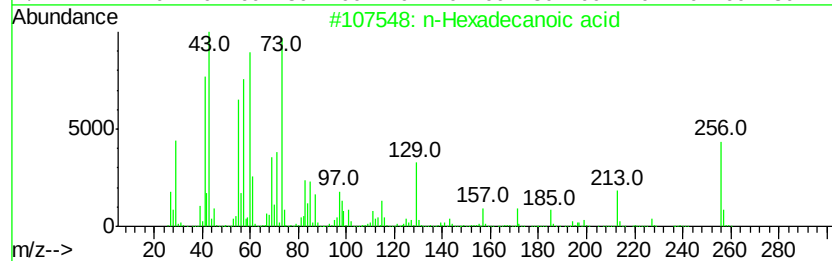
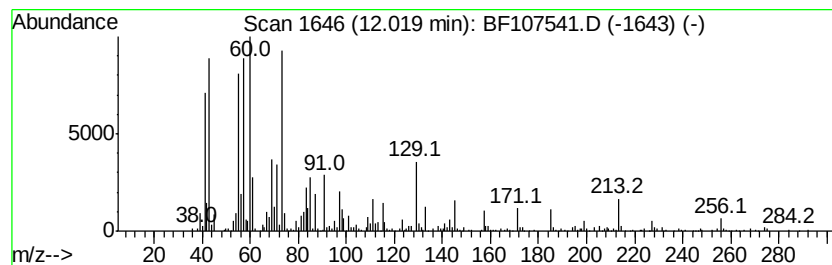
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.24 ng	609658	Phenanthrene-d10	11.51

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	93
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	72



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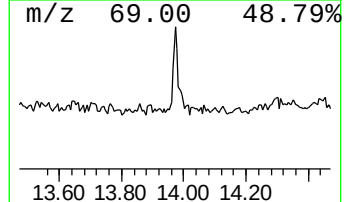
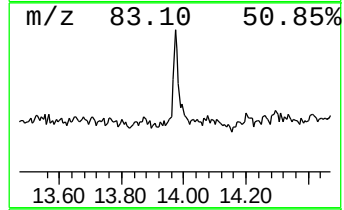
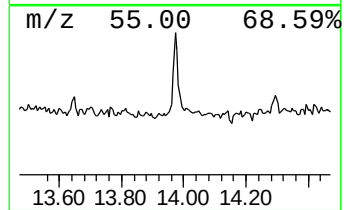
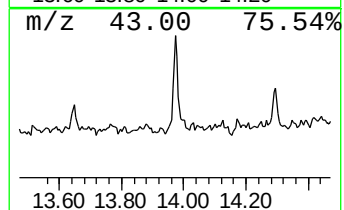
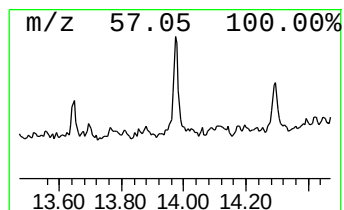
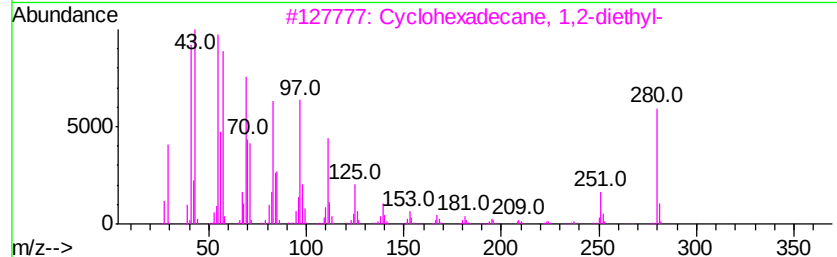
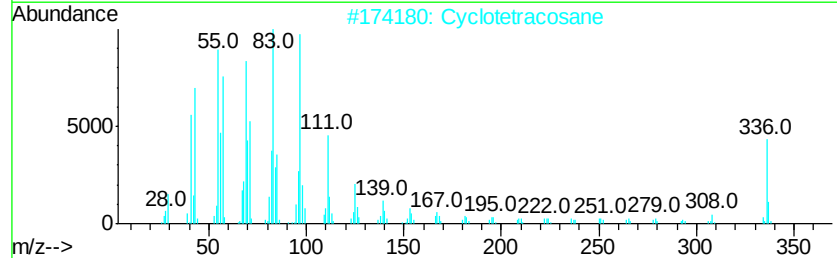
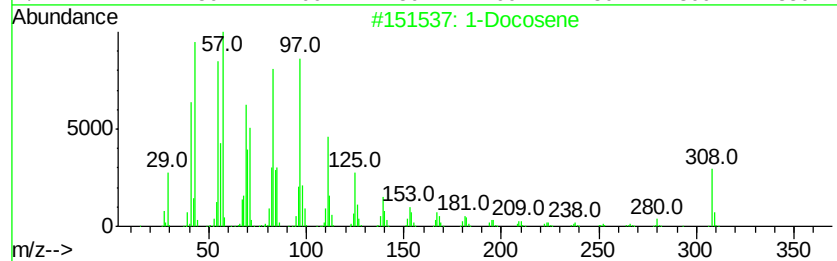
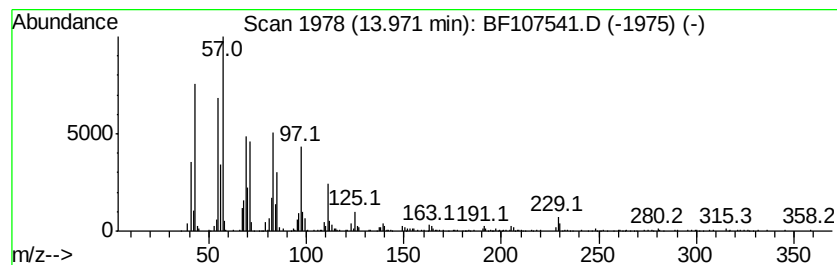
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.97	3.98 ng	443420	Chrysene-d12	14.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Cyclotetracosane	336	C24H48	000297-03-0	93
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	92
4	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
5	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	91



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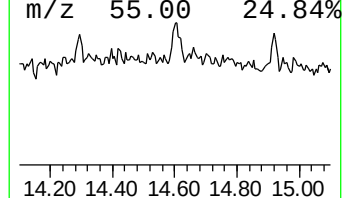
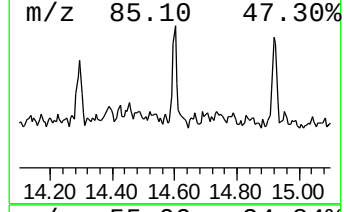
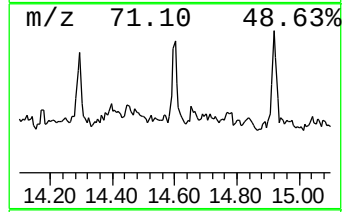
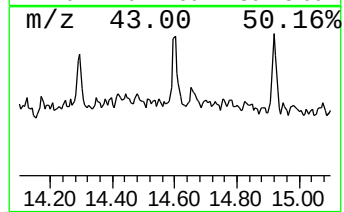
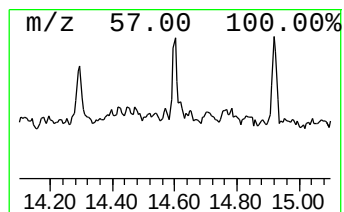
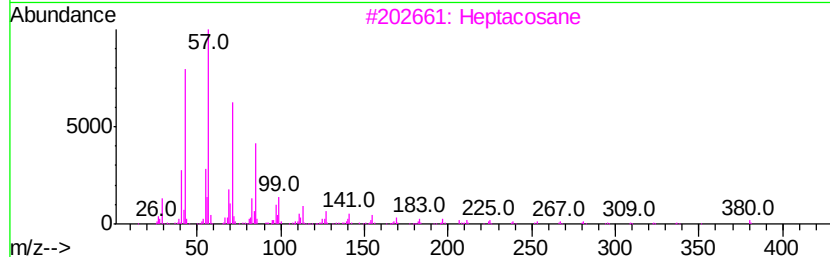
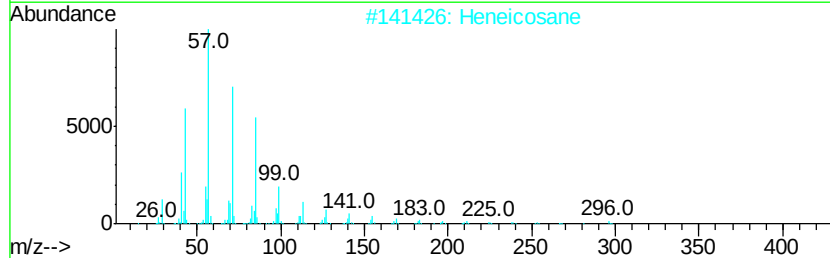
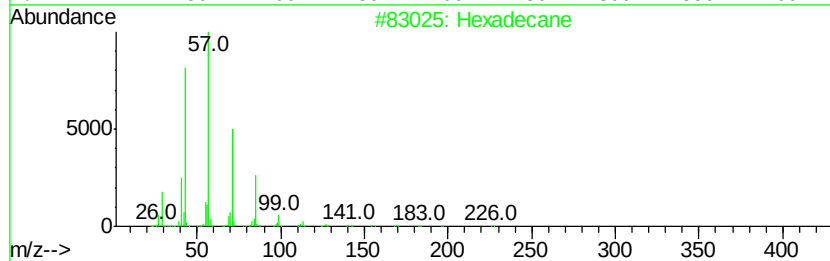
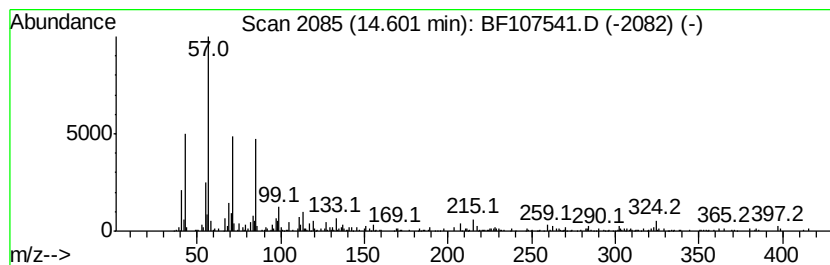
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Peak Number 6 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.60	2.60 ng	289442	Chrysene-d12	14.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heneicosane	296	C21H44	000629-94-7	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	Nonadecane	268	C19H40	000629-92-5	83
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 2-methyl...	5.21	12.2	ng	1287570	1	6.97	2107880	20.0
unknown6.75	6.75	68.6	ng	7230350	1	6.97	2107880	20.0
n-Hexadecanoic acid	12.02	4.2	ng	609658	4	11.51	2873290	20.0
1-Docosene	13.97	4.0	ng	443420	5	14.15	2228110	20.0
Hexadecane	14.60	2.6	ng	289442	5	14.15	2228110	20.0