

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040820\
 Data File : BF119885.D
 Acq On : 9 Apr 2020 22:20
 Operator : MA/SJ
 Sample : L2162-12 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-50-COMP

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-BF040820.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	5.369	554	558	570	rVB	931073	788284	71.46%	7.189%
2	6.393	729	732	742	rBV	920136	763200	69.19%	6.960%
3	6.769	792	796	799	rBV	1070681	884984	80.23%	8.071%
4	6.922	818	822	826	rBV	790970	601990	54.57%	5.490%
5	7.328	887	891	894	rBV	615513	480891	43.59%	4.386%
6	8.051	1010	1014	1018	rBV	1321260	1051210	95.30%	9.587%
7	9.128	1194	1197	1200	rBV	983838	734403	66.58%	6.698%
8	9.522	1262	1264	1271	rVB	55977	46870	4.25%	0.427%
9	9.810	1309	1313	1316	rBV	1418161	1103109	100.00%	10.060%
10	10.592	1443	1446	1454	rBV	432930	372163	33.74%	3.394%
11	11.292	1562	1565	1569	rBV	1004044	898587	81.46%	8.195%
12	11.827	1652	1656	1660	rBV	43252	46077	4.18%	0.420%
13	12.016	1683	1688	1691	rBV5	9353	18009	1.63%	0.164%
14	12.504	1767	1771	1774	rBV	18592	19023	1.72%	0.173%
15	12.616	1787	1790	1793	rBV4	18730	21835	1.98%	0.199%
16	12.710	1803	1806	1809	rBV	205138	166995	15.14%	1.523%
17	12.786	1817	1819	1825	rVB2	38604	29834	2.70%	0.272%
18	12.880	1832	1835	1839	rVB	732641	593192	53.77%	5.410%
19	13.121	1872	1876	1881	rBV4	18256	26112	2.37%	0.238%
20	13.180	1881	1886	1889	rBV6	16050	27681	2.51%	0.252%
21	13.369	1915	1918	1921	rVB	70163	57830	5.24%	0.527%
22	13.416	1923	1926	1931	rVV	139571	122038	11.06%	1.113%
23	13.463	1931	1934	1936	rVV	33271	31795	2.88%	0.290%
24	13.486	1936	1938	1942	rVB4	22457	23680	2.15%	0.216%
25	13.798	1987	1991	1999	rBV3	56546	122062	11.07%	1.113%
26	13.939	2011	2015	2018	rBV	862275	849568	77.02%	7.748%
27	14.110	2042	2044	2046	rVB	42160	30453	2.76%	0.278%
28	14.221	2060	2063	2066	rBV5	22983	30693	2.78%	0.280%
29	14.327	2079	2081	2084	rBV4	22444	30418	2.76%	0.277%
30	14.416	2093	2096	2099	rVB	64256	53377	4.84%	0.487%
31	14.715	2145	2147	2150	rVB	67413	57062	5.17%	0.520%
32	15.045	2200	2203	2208	rVB	81321	88938	8.06%	0.811%
33	15.374	2255	2259	2263	rBV	602673	712754	64.61%	6.500%
34	15.415	2263	2266	2270	rVB	65971	79759	7.23%	0.727%

LSC Area Percent Report

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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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

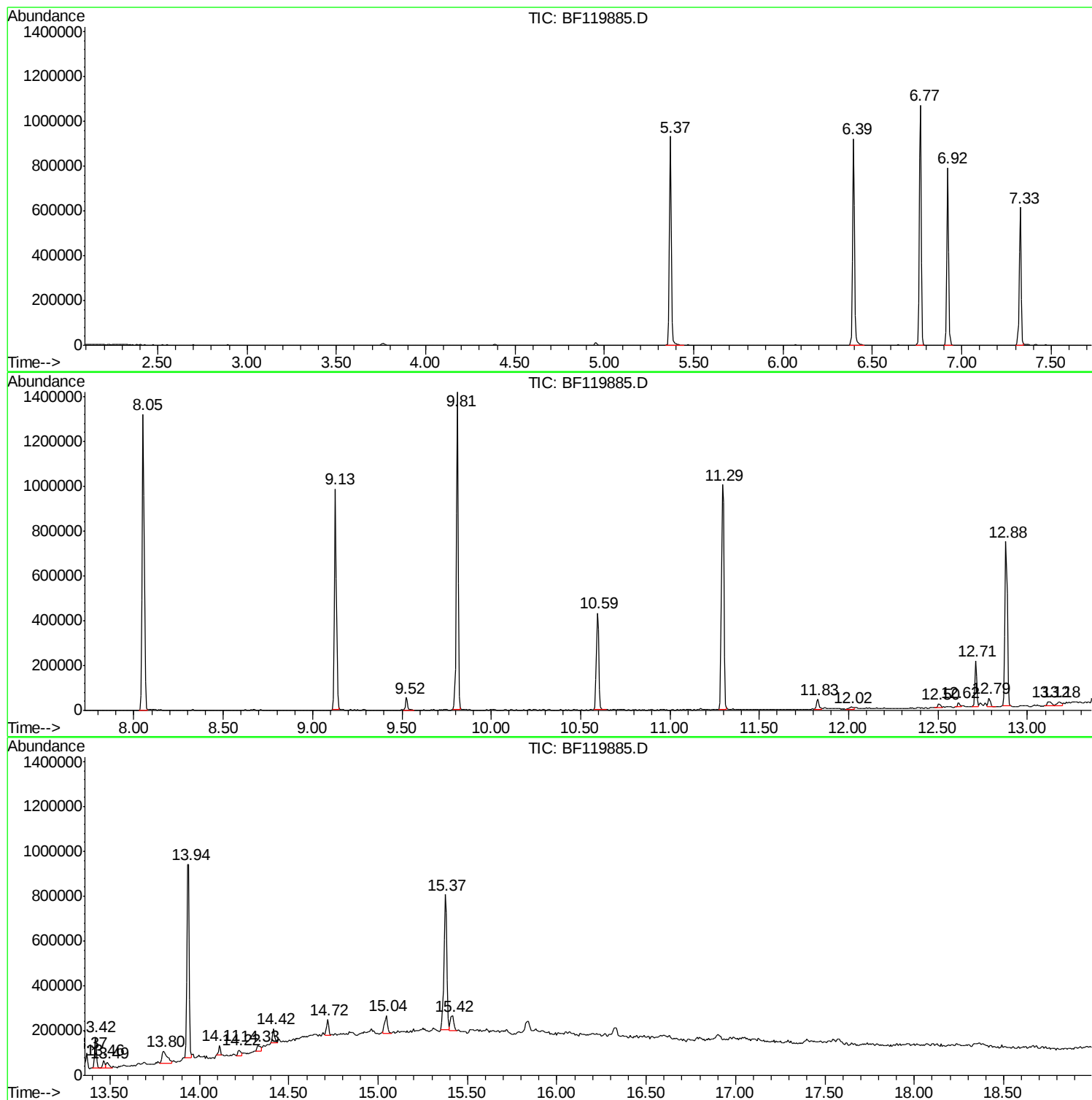
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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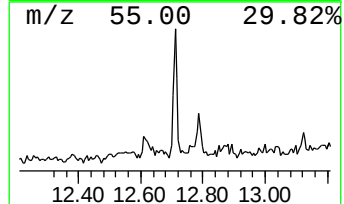
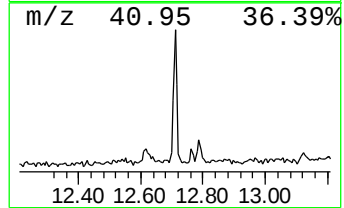
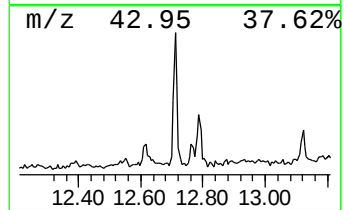
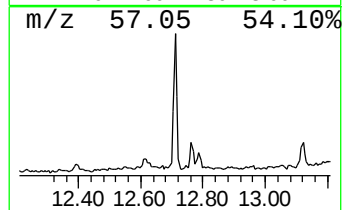
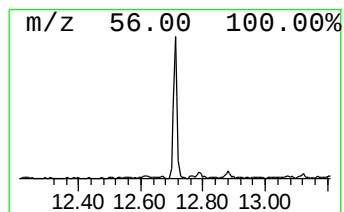
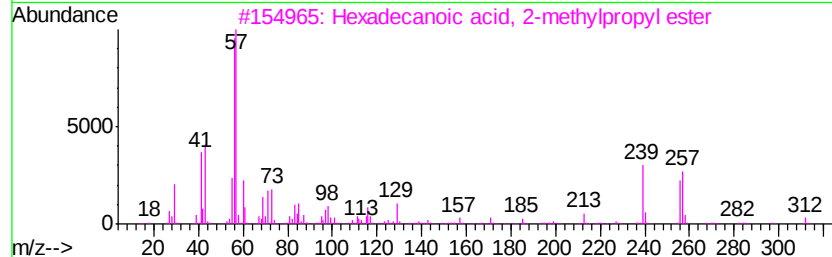
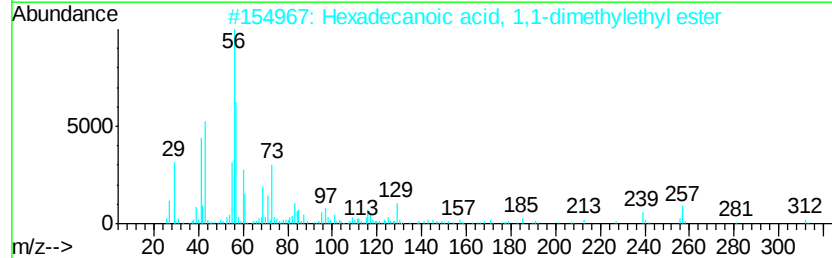
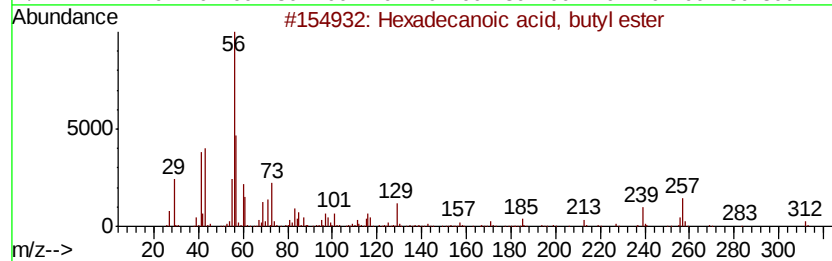
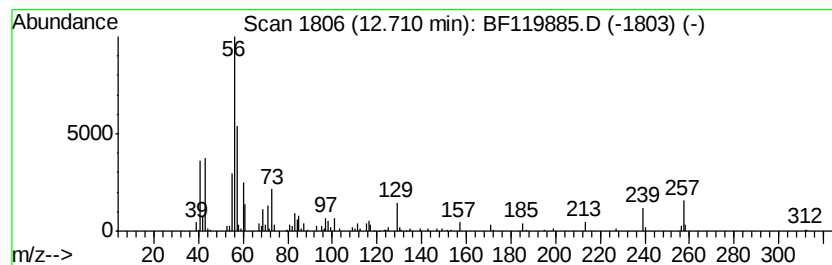
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	3.93 ng	166995	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	94
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	90
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	59
4		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	46
5		Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	43



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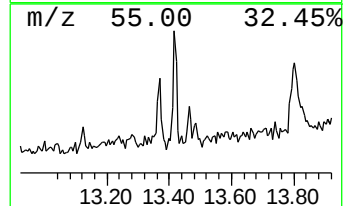
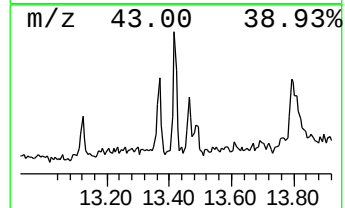
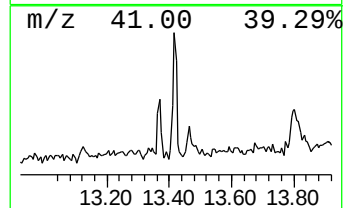
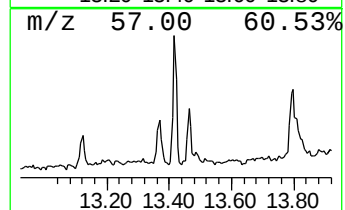
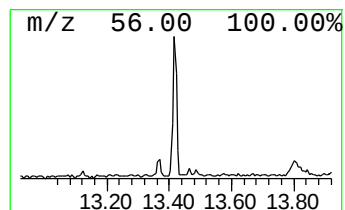
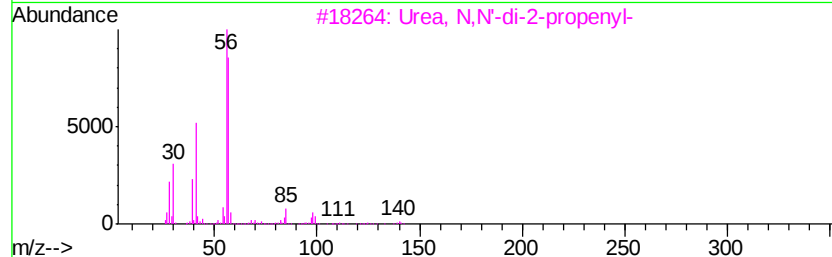
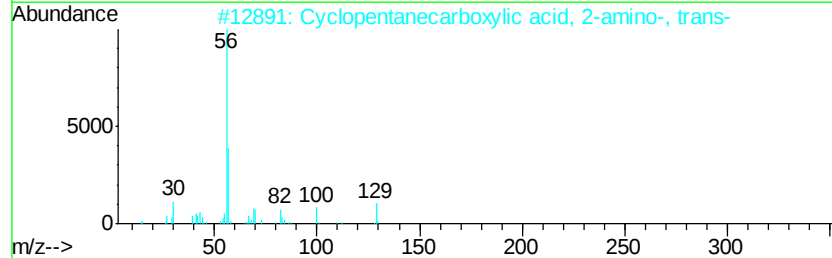
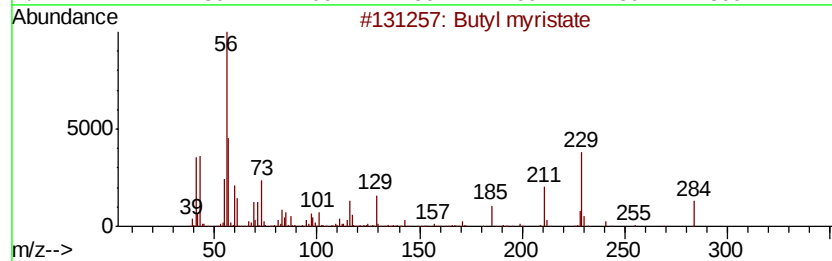
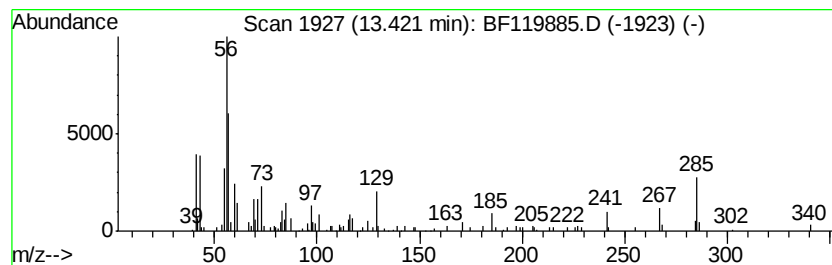
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butyl myristate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	2.87 ng	122038	Chrysene-d12	13.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Butyl myristate	284 C18H36O2	000110-36-1	86
2	Cyclopentanecarboxylic acid, 2-amino-, trans-	129 C6H11NO2	040482-05-1	43
3	Urea, N,N'-di-2-propenyl-	140 C7H12N2O	001801-72-5	43
4	Cyclopentanone, 2,2-dimethyl-	112 C7H12O	004541-32-6	38
5	Pentane, 3-methyl-	86 C6H14	000096-14-0	35



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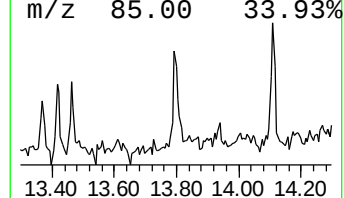
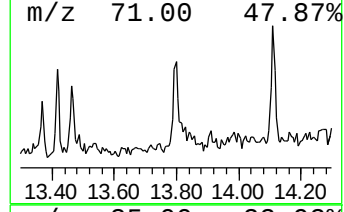
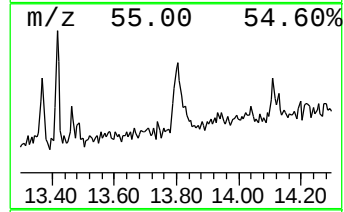
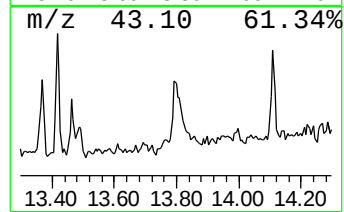
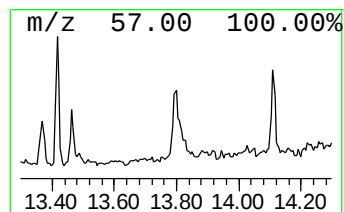
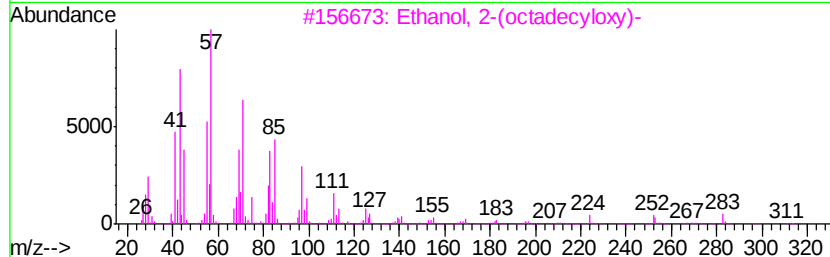
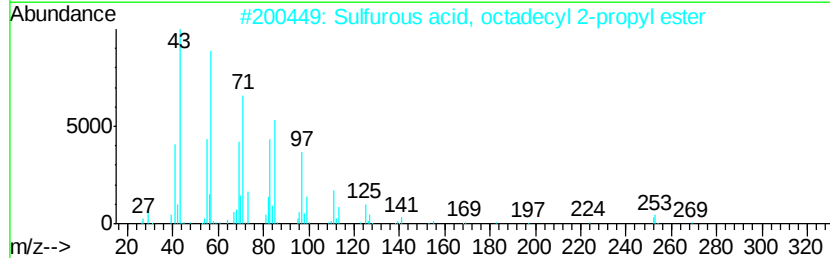
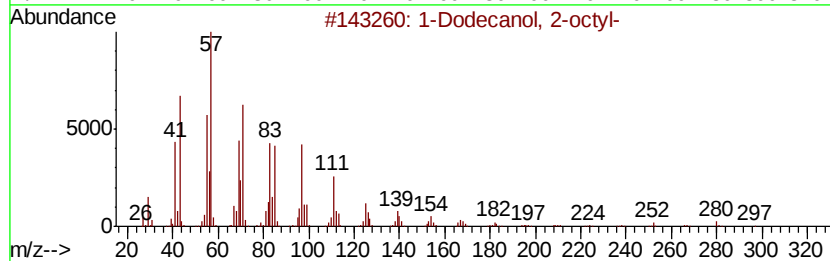
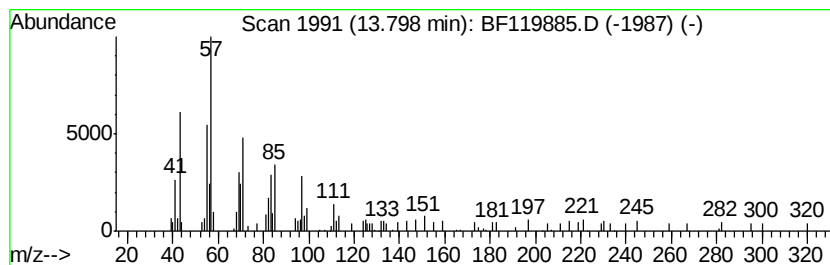
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TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Dodecanol, 2-octyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	2.87 ng	122062	Chrysene-d12	13.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Dodecanol, 2-octyl-	298 C20H42O	005333-42-6	62
2	Sulfurous acid, octadecyl 2-prop...	376 C21H44O3S	1000309-12-7	62
3	Ethanol, 2-(octadecyloxy)-	314 C20H42O2	002136-72-3	62
4	Heptadecane	240 C17H36	000629-78-7	60
5	Oxalic acid, cyclobutyl pentadec...	354 C21H38O4	1000309-70-5	58



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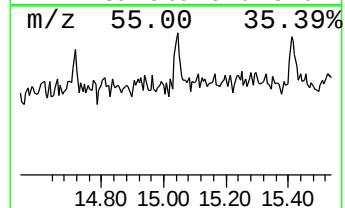
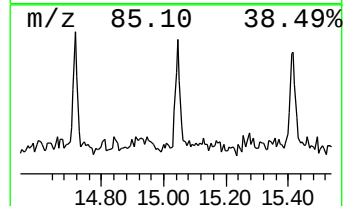
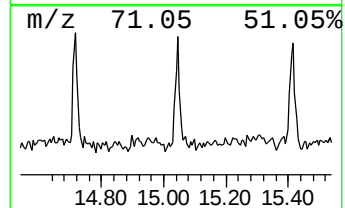
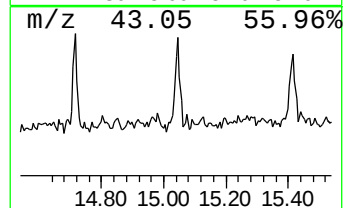
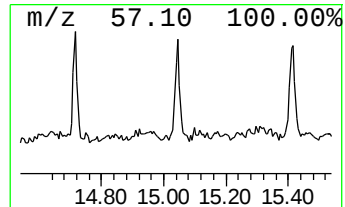
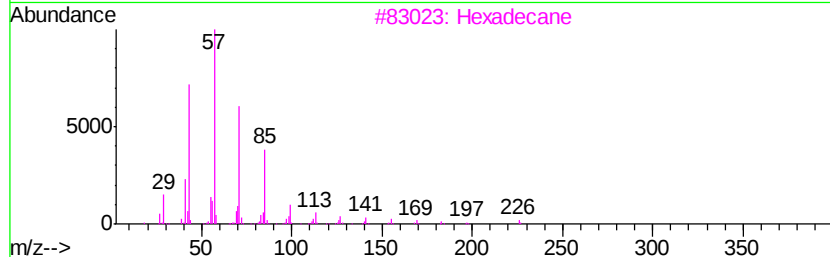
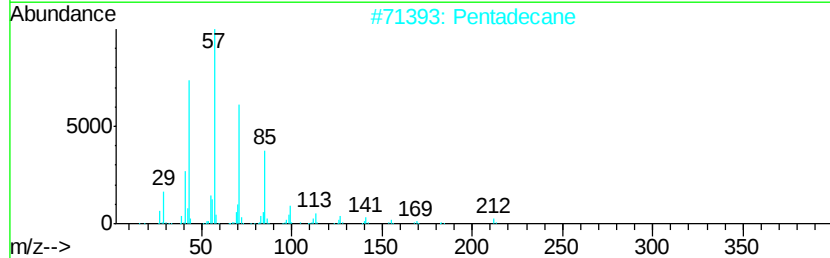
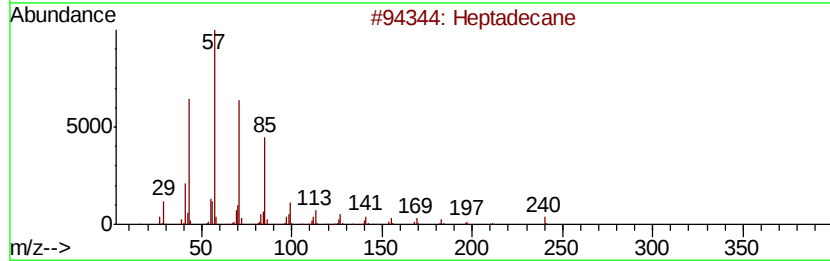
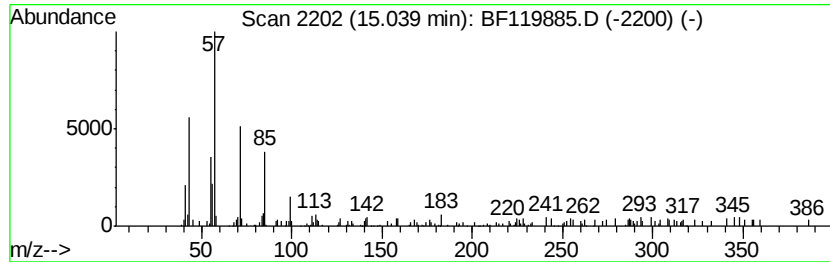
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Peak Number 5 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	2.50 ng	88938	Perylene-d12	15.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	93
2	Pentadecane		212	C15H32	000629-62-9	76
3	Hexadecane		226	C16H34	000544-76-3	76
4	Tricosane		324	C23H48	000638-67-5	76
5	Heneicosane, 11-decyl-		437	C31H64	055320-06-4	68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecanoic acid...	12.71	3.9	ng	166995	5	13.94	849568	20.0
Butyl myristate	13.42	2.9	ng	122038	5	13.94	849568	20.0
1-Dodecanol, 2-oc...	13.80	2.9	ng	122062	5	13.94	849568	20.0
Heptadecane	15.04	2.5	ng	88938	6	15.37	712754	20.0