

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100118\
 Data File : BF109483.D
 Acq On : 1 Oct 2018 19:58
 Operator : JU/SJ
 Sample : J5170-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-3

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-BF092218.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	4.910	476	480	492	rBV	61575	105833	3.53%	0.438%
2	5.328	547	551	579	rBV	2068232	2574033	85.79%	10.646%
3	6.357	721	726	742	rBV	2295188	2714759	90.48%	11.228%
4	6.481	742	747	769	rVB	2668741	2703023	90.08%	11.179%
5	6.704	782	785	795	rBV	705102	650576	21.68%	2.691%
6	6.863	808	812	829	rBV	2421575	2131940	71.05%	8.818%
7	7.269	876	881	894	rBV	1726353	1697386	56.57%	7.020%
8	7.987	999	1003	1014	rBV	892107	796080	26.53%	3.293%
9	9.063	1181	1186	1189	rBV	3349741	3000554	100.00%	12.410%
10	9.451	1249	1252	1262	rVB	329075	309407	10.31%	1.280%
11	9.733	1296	1300	1308	rBV2	908429	799686	26.65%	3.307%
12	10.522	1430	1434	1449	rBV	1725184	1609145	53.63%	6.655%
13	11.210	1548	1551	1555	rBV	796773	716806	23.89%	2.965%
14	11.751	1639	1643	1652	rBV2	147091	154039	5.13%	0.637%
15	12.798	1816	1821	1824	rBV	2728898	2457591	81.90%	10.164%
16	13.698	1970	1974	1985	rBV	151153	203825	6.79%	0.843%
17	13.839	1994	1998	2002	rBV	810474	714064	23.80%	2.953%
18	14.321	2078	2080	2087	rVB2	35346	38979	1.30%	0.161%
19	14.616	2127	2130	2133	rVB	44994	40544	1.35%	0.168%
20	14.933	2180	2184	2186	rBV	48388	54060	1.80%	0.224%
21	15.245	2232	2237	2241	rBV	453352	534223	17.80%	2.209%
22	15.280	2241	2243	2249	rVB	50657	63255	2.11%	0.262%
23	15.680	2308	2311	2316	rVB2	47584	59600	1.99%	0.247%
24	16.145	2386	2390	2396	rVB4	29005	49049	1.63%	0.203%

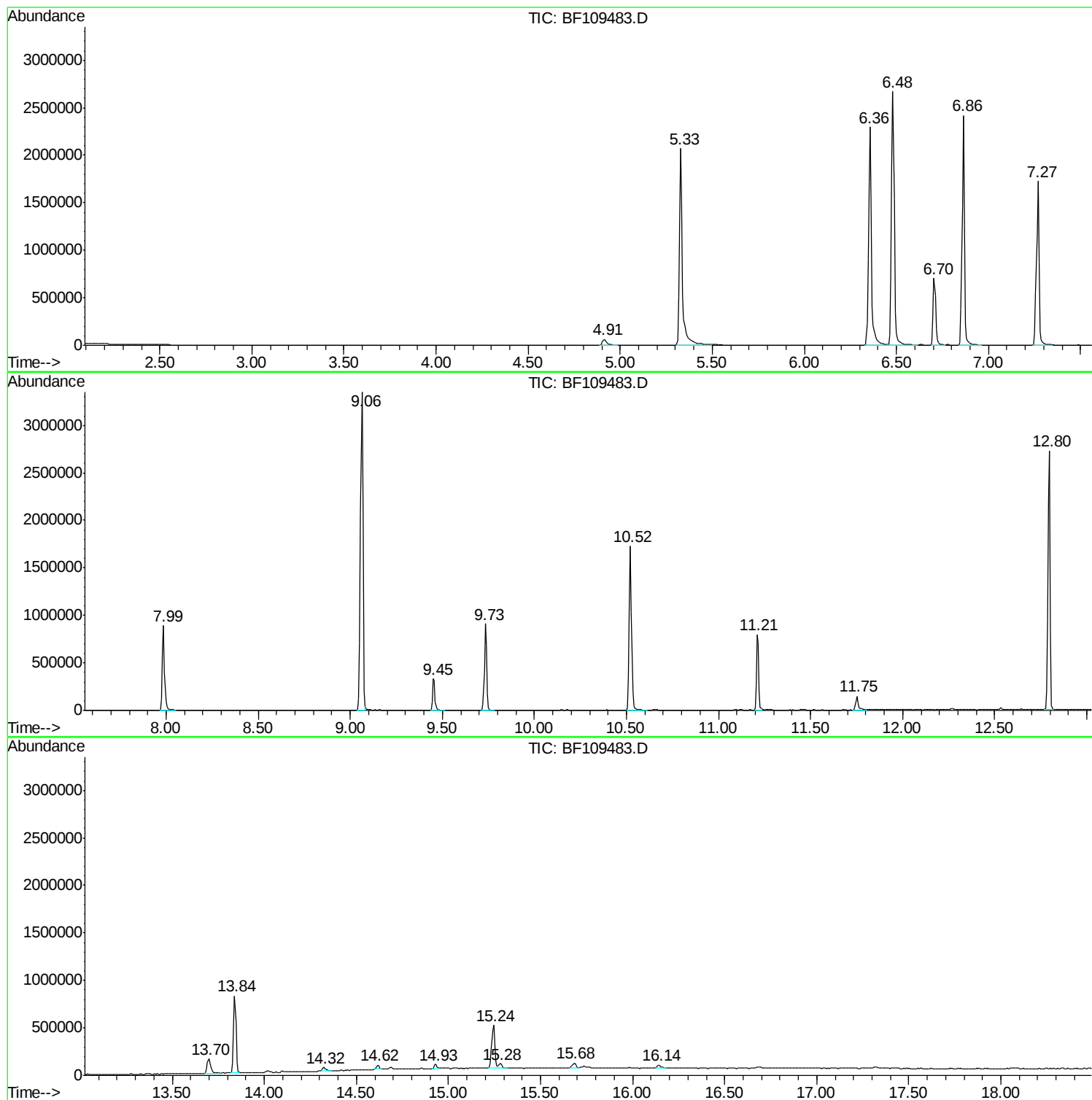
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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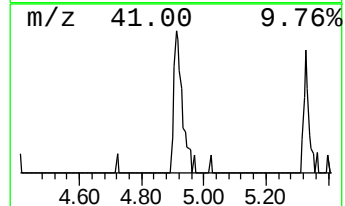
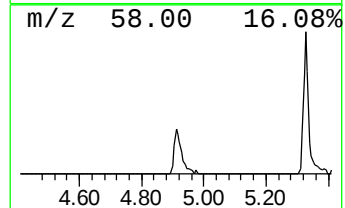
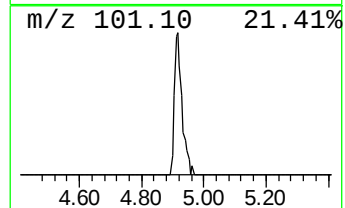
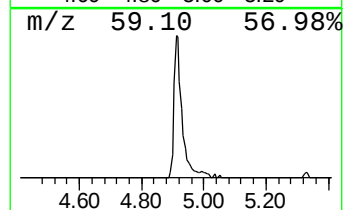
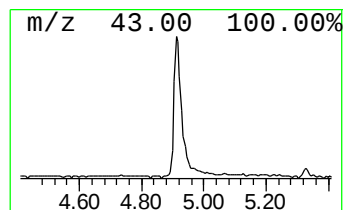
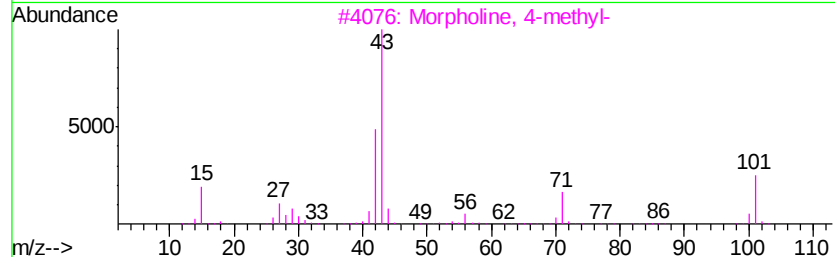
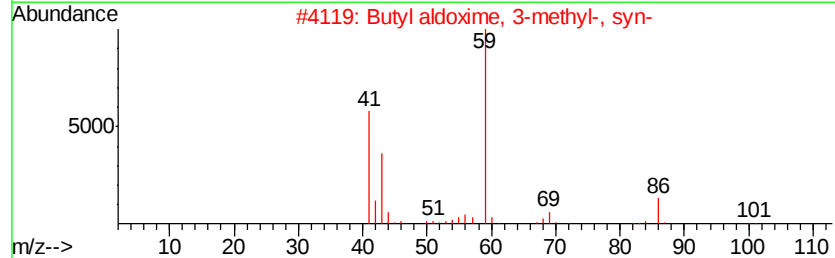
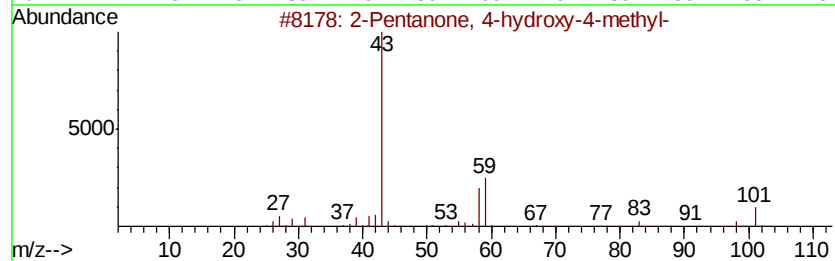
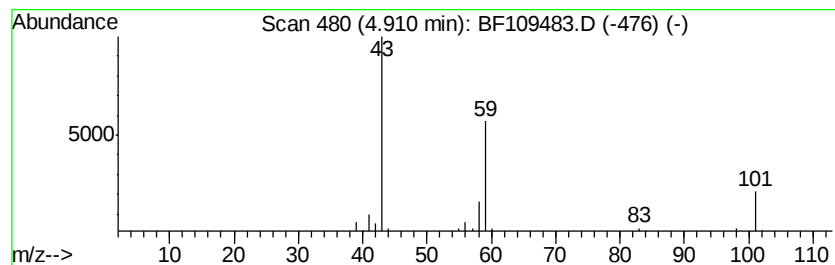
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	3.25 ng	105833	1,4-Dichlorobenzene-d4	6.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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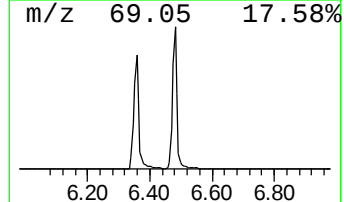
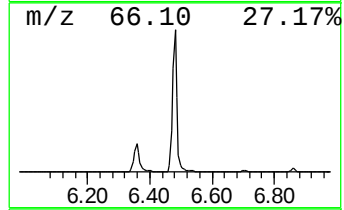
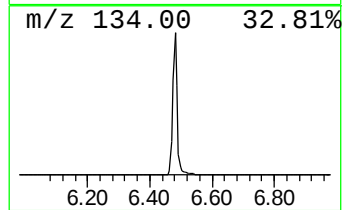
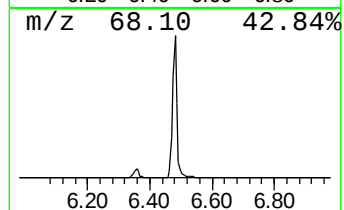
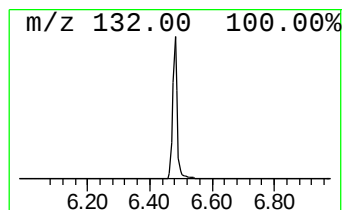
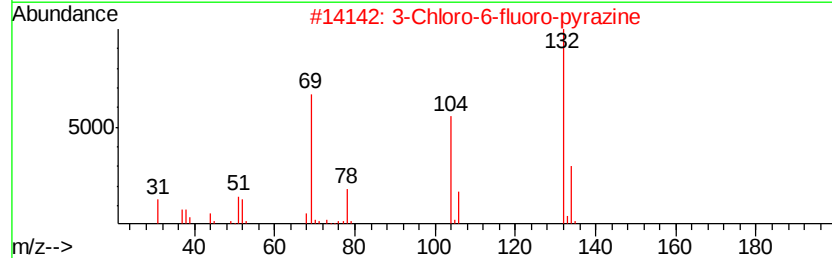
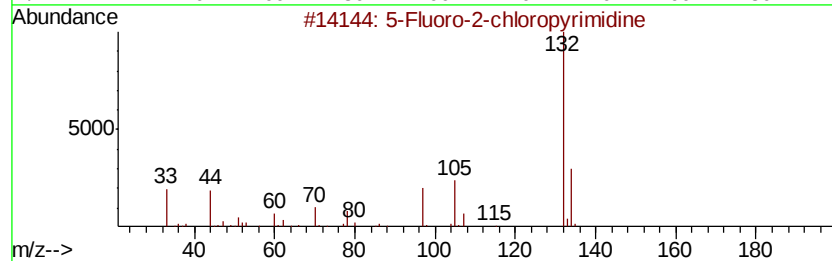
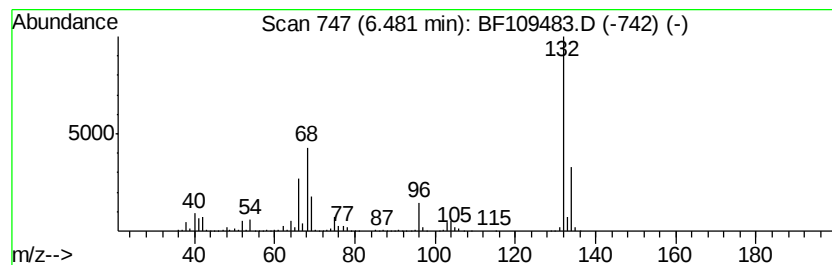
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Peak Number 2 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	83.10 ng	2703020	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Tranvlcyproline-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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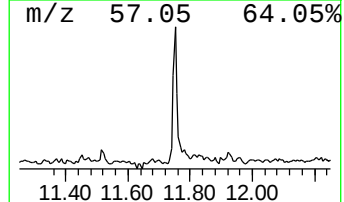
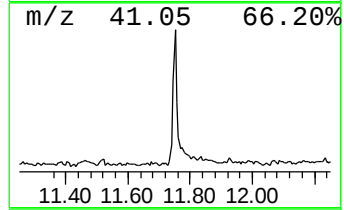
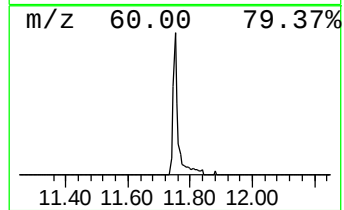
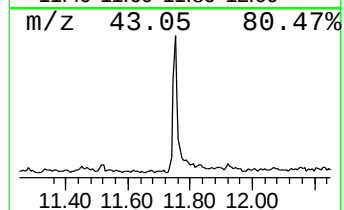
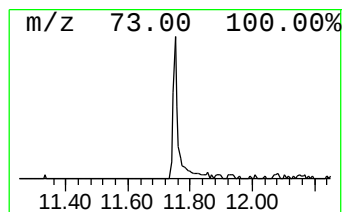
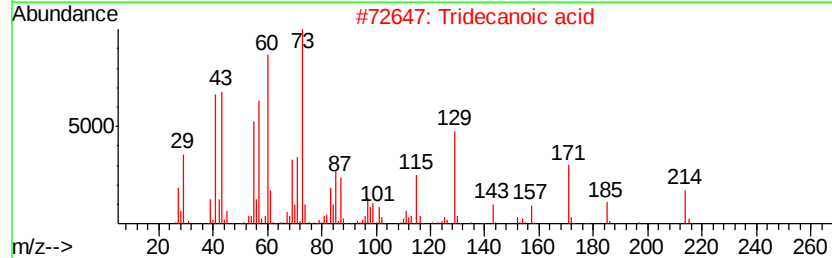
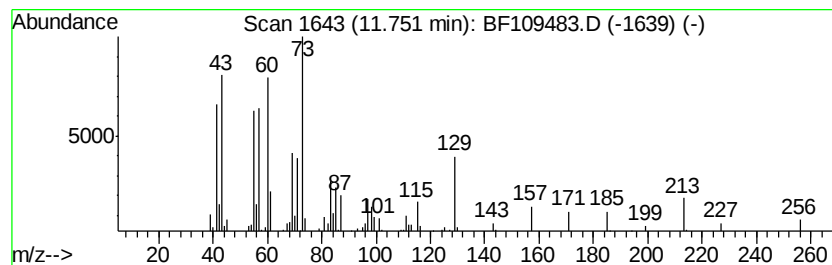
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	4.30 ng	154039	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	11



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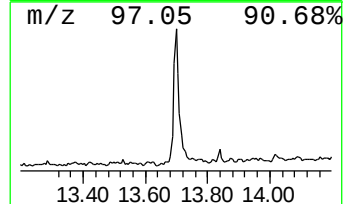
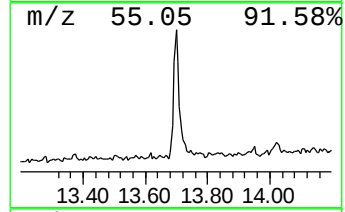
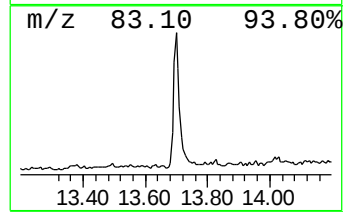
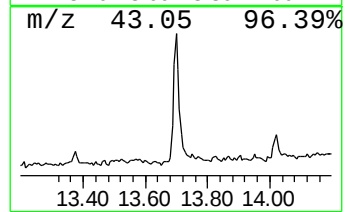
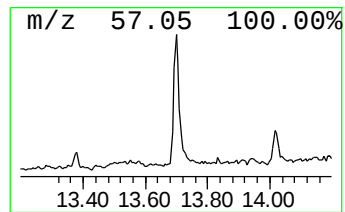
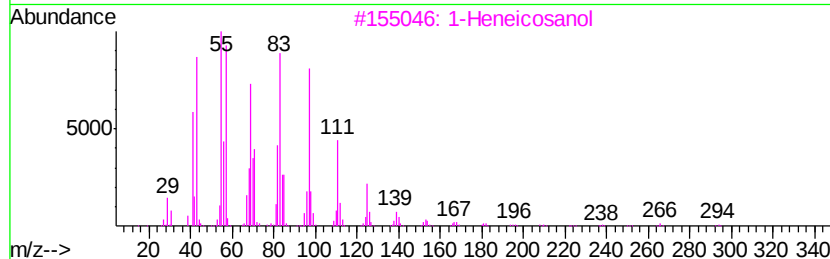
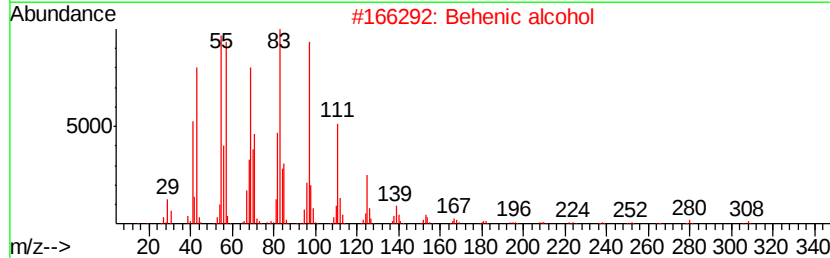
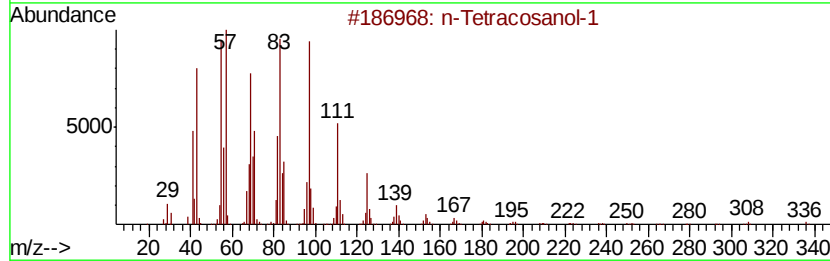
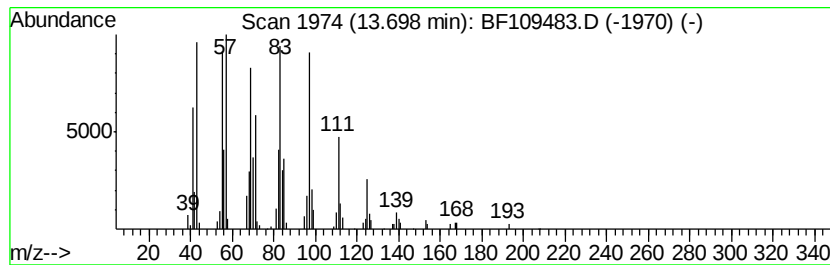
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 Peak Number 5 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	5.71 ng	203825	Chrysene-d12	13.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2		Behenic alcohol	326	C22H46O	000661-19-8	95
3		1-Heneicosanol	312	C21H44O	015594-90-8	95
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	95



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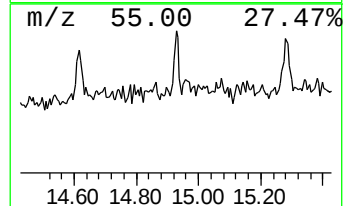
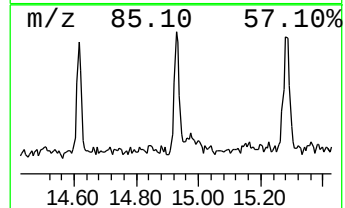
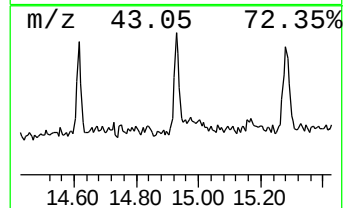
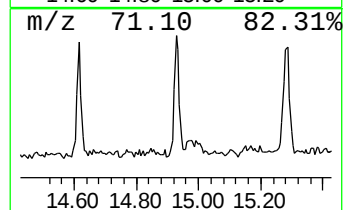
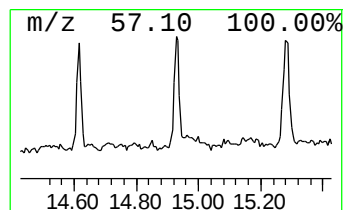
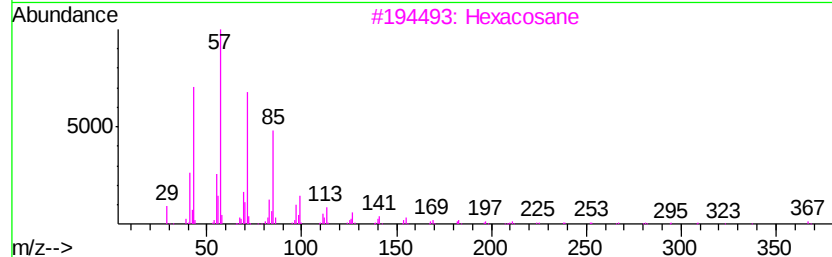
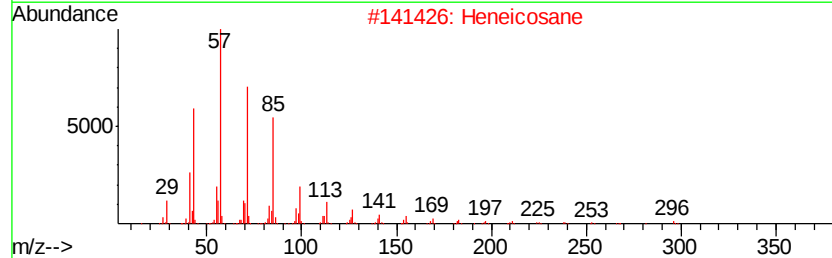
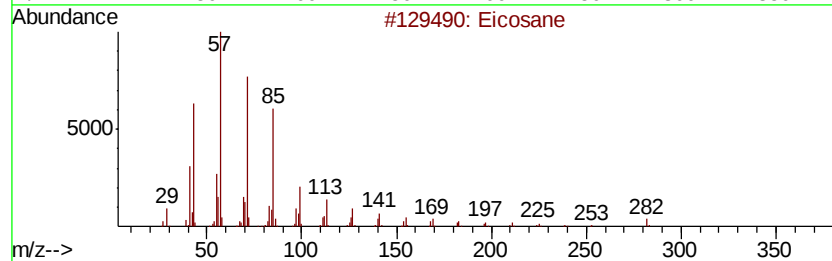
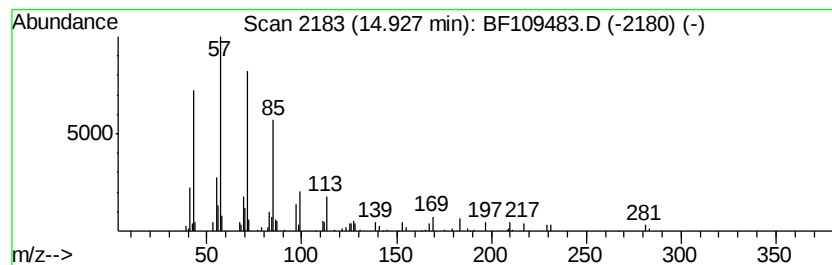
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Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	2.02 ng	54060	Perylene-d12	15.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	94
2	Heneicosane		296	C21H44	000629-94-7	90
3	Hexacosane		366	C26H54	000630-01-3	87
4	Hentriacontane		437	C31H64	000630-04-6	87
5	2-methyloctacosane		408	C29H60	1000376-72-8	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.91	3.3	ng	105833	1	6.70	650576	20.0
unknown6.48	6.48	83.1	ng	2703020	1	6.70	650576	20.0
n-Hexadecanoic acid	11.75	4.3	ng	154039	4	11.21	716806	20.0
n-Tetracosanol-1	13.70	5.7	ng	203825	5	13.84	714064	20.0
Eicosane	14.93	2.0	ng	54060	6	15.24	534223	20.0