

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042319\
 Data File : BF113924.D
 Acq On : 23 Apr 2019 16:59
 Operator : JU/SJ
 Sample : K2518-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MUDDY-SOIL

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-BF042219.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	2.205	16	20	27	rVB	48776	71948	2.21%	0.245%
2	5.528	580	585	588	rBV	3146194	3037508	93.18%	10.363%
3	6.528	750	755	758	rBV	2877394	3182800	97.64%	10.859%
4	6.669	775	779	783	rBV	3201645	3259848	100.00%	11.122%
5	6.898	815	818	822	rBV	914527	717788	22.02%	2.449%
6	7.057	841	845	848	rBV	2978115	2504677	76.83%	8.545%
7	7.292	881	885	894	rBV	514038	487174	14.94%	1.662%
8	7.457	908	913	916	rBV	2090019	1886954	57.88%	6.438%
9	8.181	1032	1036	1039	rBV	1012645	835942	25.64%	2.852%
10	9.257	1214	1219	1222	rBV	3591050	3233283	99.19%	11.031%
11	9.645	1281	1285	1290	rBV	402378	377399	11.58%	1.288%
12	9.822	1311	1315	1319	rBV	85335	81017	2.49%	0.276%
13	9.933	1330	1334	1343	rVB	1060570	899843	27.60%	3.070%
14	10.722	1463	1468	1482	rBV	2253422	2117480	64.96%	7.224%
15	10.857	1485	1491	1497	rVB2	33807	52961	1.62%	0.181%
16	11.422	1583	1587	1590	rBV	958308	871739	26.74%	2.974%
17	11.939	1672	1675	1684	rBV	151519	150706	4.62%	0.514%
18	12.633	1789	1793	1798	rBV2	20947	38772	1.19%	0.132%
19	12.727	1806	1809	1816	rBV	53571	65692	2.02%	0.224%
20	12.904	1833	1839	1851	rVB3	55584	113982	3.50%	0.389%
21	13.004	1852	1856	1859	rBV	3605403	3038993	93.22%	10.368%
22	13.757	1981	1984	1988	rBV	127051	108349	3.32%	0.370%
23	14.063	2029	2036	2039	rVB2	1098284	1163047	35.68%	3.968%
24	14.704	2142	2145	2149	rBV	94621	87971	2.70%	0.300%
25	15.204	2227	2230	2234	rVB	82474	87662	2.69%	0.299%
26	15.557	2285	2290	2294	rBV	686187	837261	25.68%	2.856%

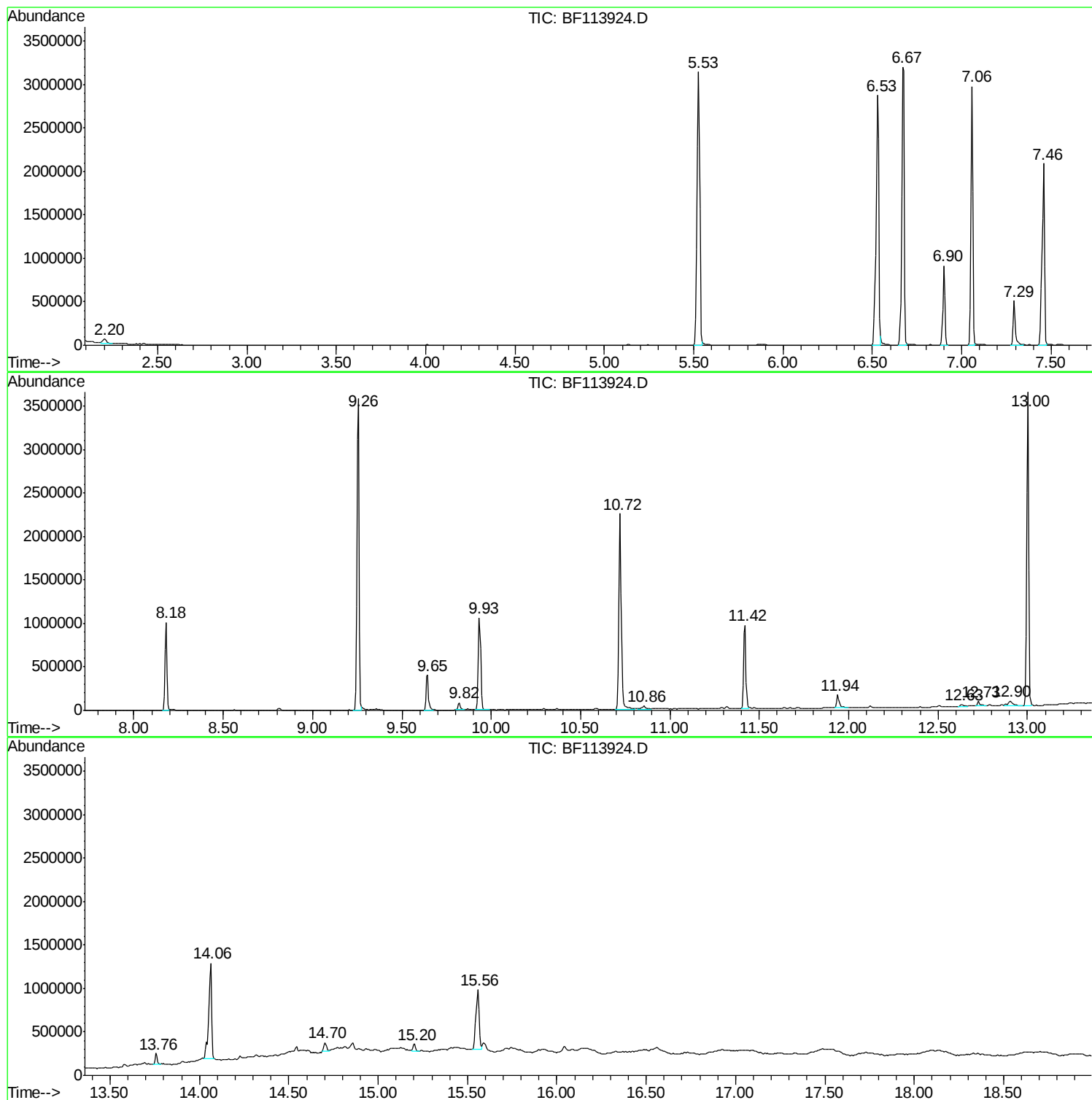
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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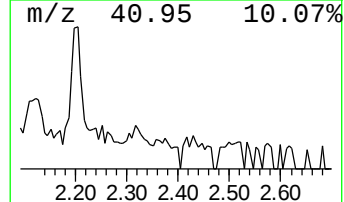
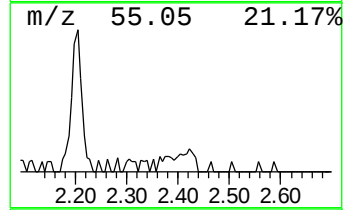
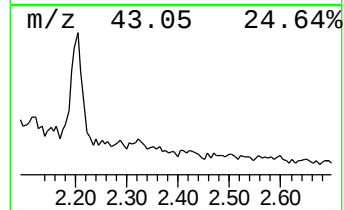
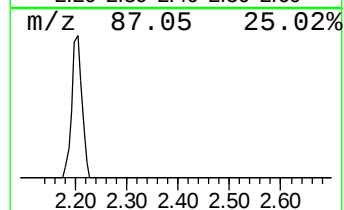
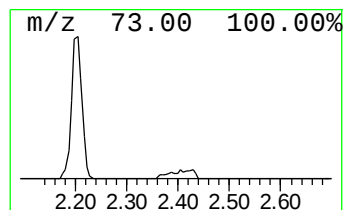
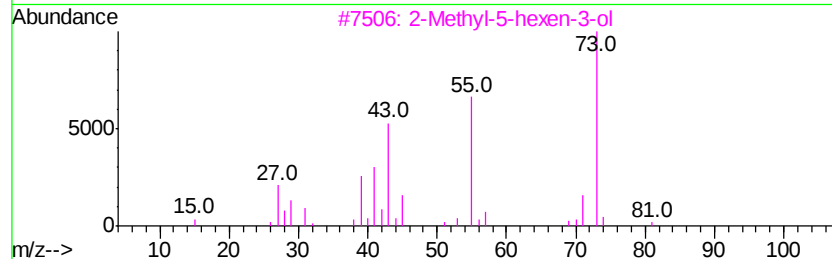
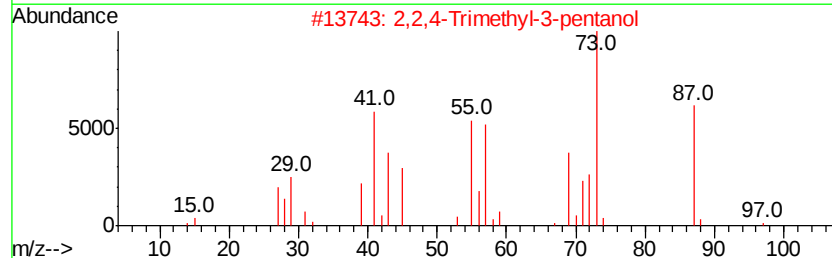
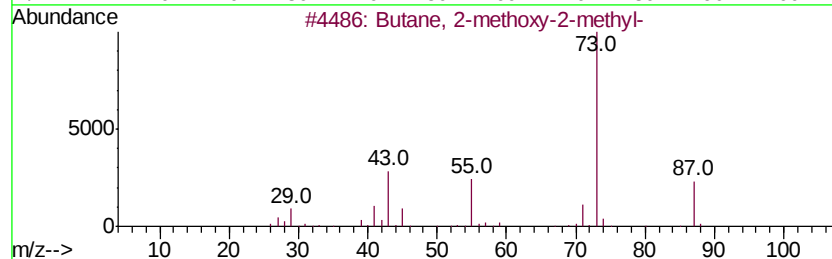
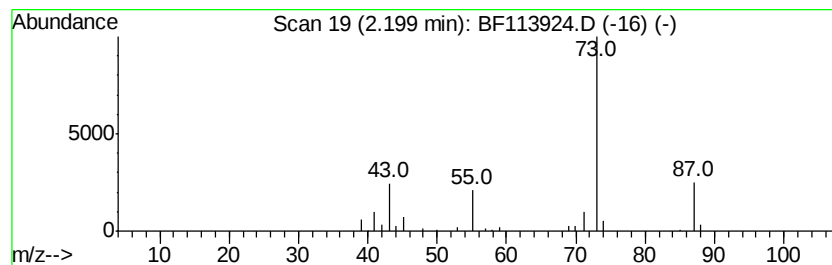
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.20	2.00 ng	71948	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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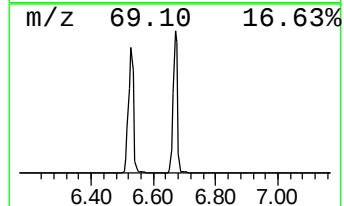
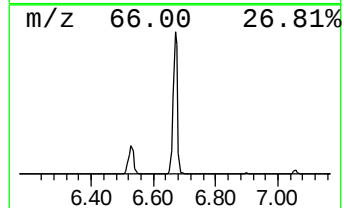
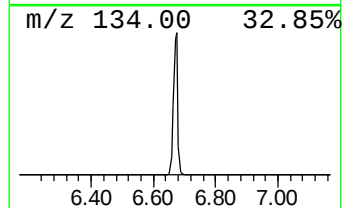
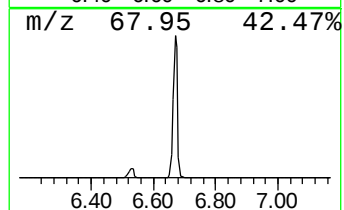
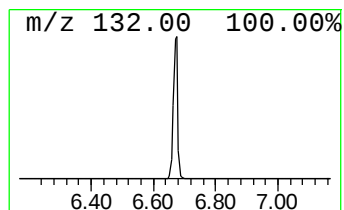
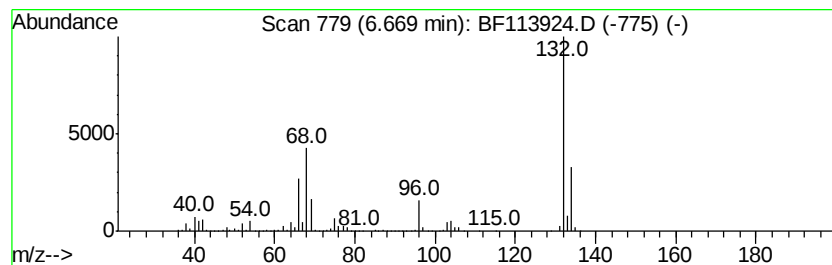
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
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TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	90.83 ng	3259850	1,4-Dichlorobenzene-d4	6.90

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	27
3		Tranvlcypropane-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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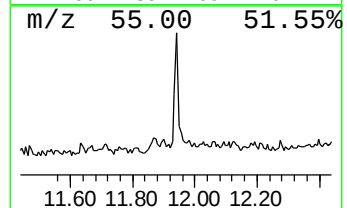
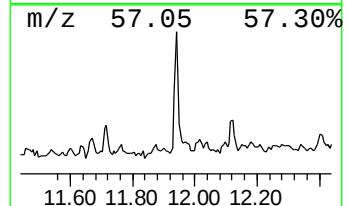
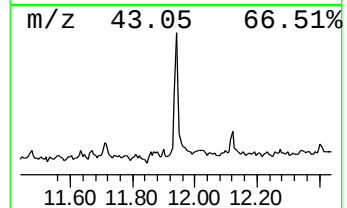
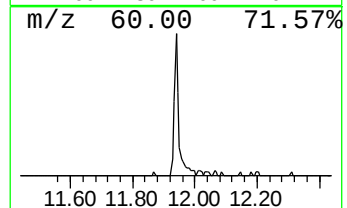
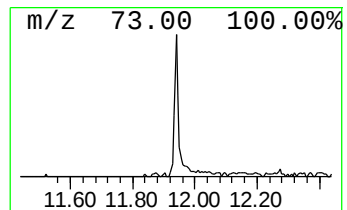
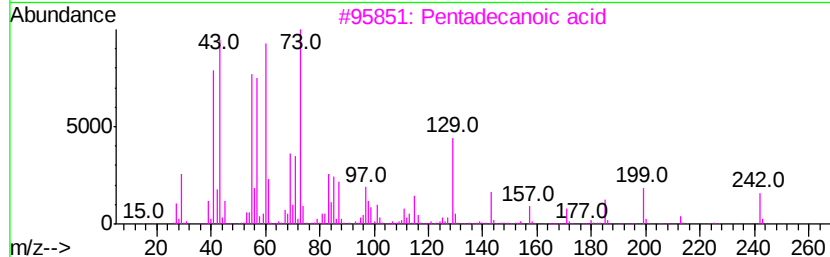
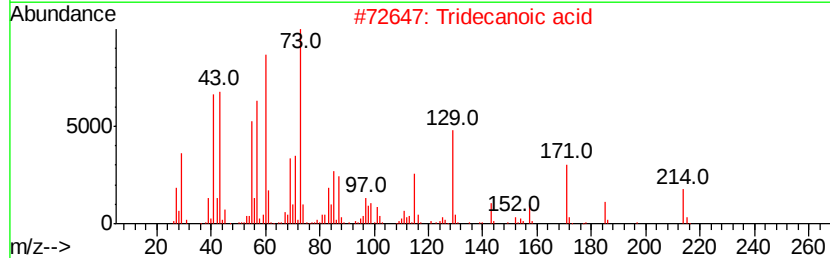
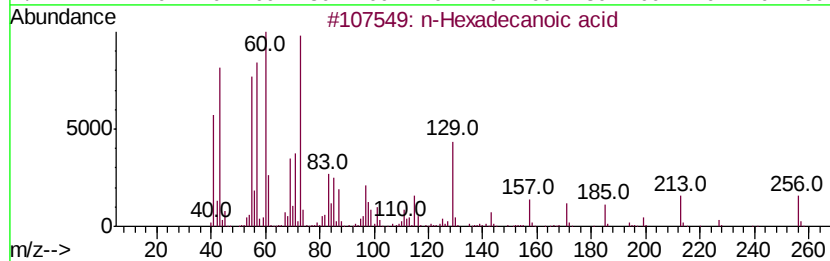
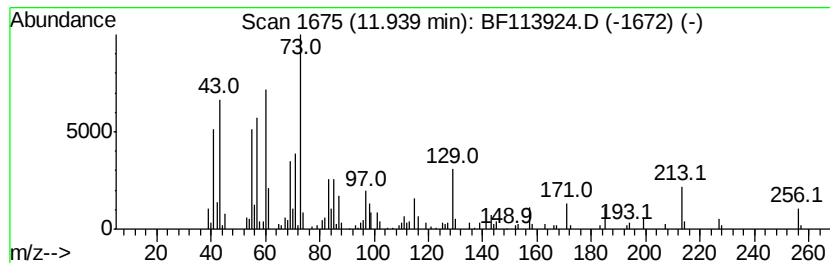
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.46 ng	150706	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	92
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4		n-Decanoic acid	172	C10H20O2	000334-48-5	30
5		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	25



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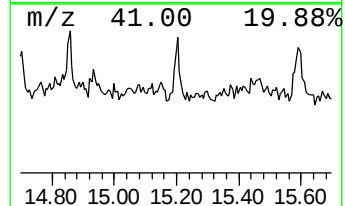
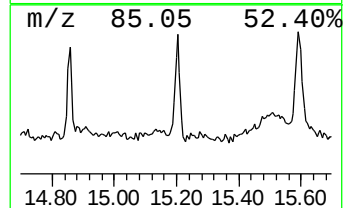
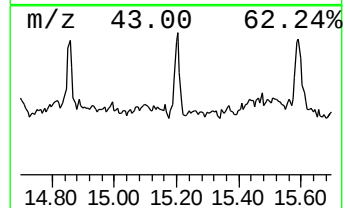
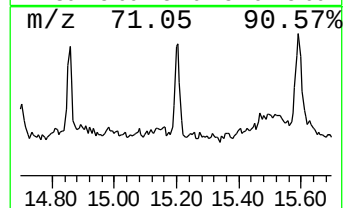
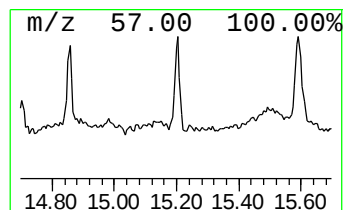
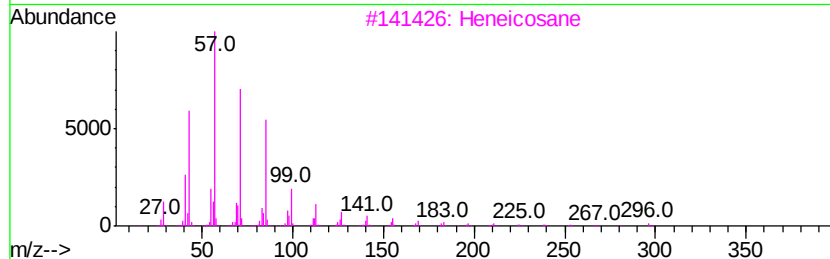
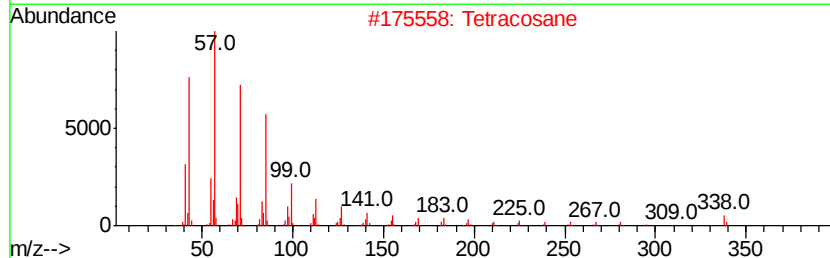
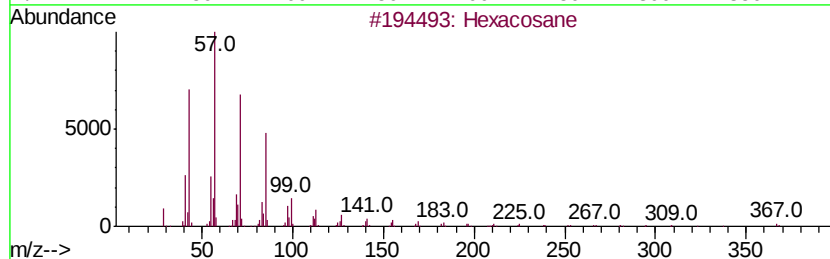
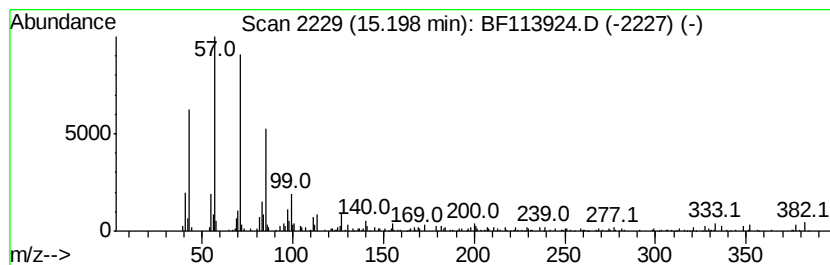
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Peak Number 5 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	2.09 ng	87662	Perylene-d12	15.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	90
2	Tetracosane		338	C24H50	000646-31-1	90
3	Heneicosane		296	C21H44	000629-94-7	87
4	2-methyloctacosane		408	C29H60	1000376-72-8	87
5	Eicosane		282	C20H42	000112-95-8	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.20	2.0	ng	71948	1	6.90	717788	20.0
unknown6.67	6.67	90.8	ng	3259850	1	6.90	717788	20.0
n-Hexadecanoic acid	11.94	3.5	ng	150706	4	11.42	871739	20.0
Hexacosane	15.20	2.1	ng	87662	6	15.56	837261	20.0