

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
 Data File : BM012156.D
 Acq On : 14 Oct 2017 04:27
 Operator : SJ/JU
 Sample : I5649-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-59(FILL)-100317

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.981	148	152	158	rVB	53078	73786	1.41%	0.117%
2	4.516	235	243	250	rVB	56484	98897	1.89%	0.157%
3	5.310	371	378	386	rBV	348052	538525	10.29%	0.855%
4	5.446	394	401	410	rBV	39863	96586	1.85%	0.153%
5	5.810	457	463	470	rVB4	33523	68581	1.31%	0.109%
6	6.987	652	663	676	rVB	846880	1504582	28.76%	2.388%
7	7.151	682	691	704	rBV	645913	1052680	20.12%	1.671%
8	7.351	718	725	733	rBV	950391	1540136	29.44%	2.444%
9	7.422	733	737	740	rVV2	58436	89600	1.71%	0.142%
10	7.463	740	744	750	rVB	44063	67289	1.29%	0.107%
11	7.822	799	805	814	rBV	848364	1392613	26.62%	2.210%
12	8.534	919	926	938	rBV	1129356	1946187	37.20%	3.089%
13	8.651	942	946	952	rVB	46066	76753	1.47%	0.122%
14	8.987	996	1003	1017	rBV	860148	1579431	30.19%	2.507%
15	9.710	1118	1126	1136	rBV	813977	1425855	27.25%	2.263%
16	10.251	1211	1218	1230	rBV	1176447	2149368	41.08%	3.411%
17	10.622	1275	1281	1288	rBV	1230493	2083656	39.82%	3.307%
18	10.769	1298	1306	1319	rBV	862452	1654691	31.63%	2.626%
19	11.457	1414	1423	1433	rBV3	44792	126272	2.41%	0.200%
20	13.880	1826	1835	1839	rBV	2297001	3199084	61.14%	5.078%
21	13.927	1839	1843	1850	rVB	268696	404804	7.74%	0.642%
22	14.169	1877	1884	1895	rBV	2498877	3833673	73.27%	6.085%
23	14.351	1902	1915	1923	rBV3	40338	97312	1.86%	0.154%
24	14.474	1929	1936	1945	rBV2	1784477	2832309	54.13%	4.495%
25	14.692	1967	1973	1988	rBV	583760	1178693	22.53%	1.871%
26	14.880	2000	2005	2014	rVB9	31724	86747	1.66%	0.138%
27	15.298	2071	2076	2082	rVB2	45934	69645	1.33%	0.111%
28	15.468	2098	2105	2111	rBV	3106986	4529499	86.57%	7.189%
29	15.604	2123	2128	2139	rBV	902253	1331754	25.45%	2.114%
30	15.704	2139	2145	2151	rVB2	46633	79546	1.52%	0.126%
31	16.163	2218	2223	2233	rBV2	56214	113274	2.17%	0.180%
32	16.957	2353	2358	2363	rBV4	40133	64524	1.23%	0.102%
33	17.221	2396	2403	2408	rBV2	2176903	3252523	62.17%	5.162%
34	17.262	2408	2410	2414	rVV	194058	226337	4.33%	0.359%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	17.321	2414	2420	2430	rVB2	2905978	4513801	86.27%	7.164%
36	18.098	2547	2552	2556	rBV	376170	546185	10.44%	0.867%
37	18.286	2579	2584	2588	rBV4	53945	105381	2.01%	0.167%
38	18.386	2597	2601	2607	rBV8	26808	57881	1.11%	0.092%
39	19.009	2704	2707	2711	rBV3	55966	84608	1.62%	0.134%
40	19.280	2746	2753	2757	rBV	462120	702870	13.43%	1.116%
41	19.374	2765	2769	2777	rVB	381973	482916	9.23%	0.766%
42	19.615	2804	2810	2821	rBV2	3407742	5232039	100.00%	8.304%
43	21.086	3057	3060	3064	rVB	270093	290353	5.55%	0.461%
44	21.398	3108	3113	3117	rBV	2286438	3028983	57.89%	4.808%
45	22.956	3375	3378	3382	rVB	510381	649718	12.42%	1.031%
46	23.009	3384	3387	3399	rVB3	416820	931715	17.81%	1.479%
47	23.568	3475	3482	3487	rVB2	1895338	3777398	72.20%	5.995%
48	23.715	3501	3507	3513	rVB	1324675	2500809	47.80%	3.969%
49	24.209	3587	3591	3599	rVB	649545	1234676	23.60%	1.960%

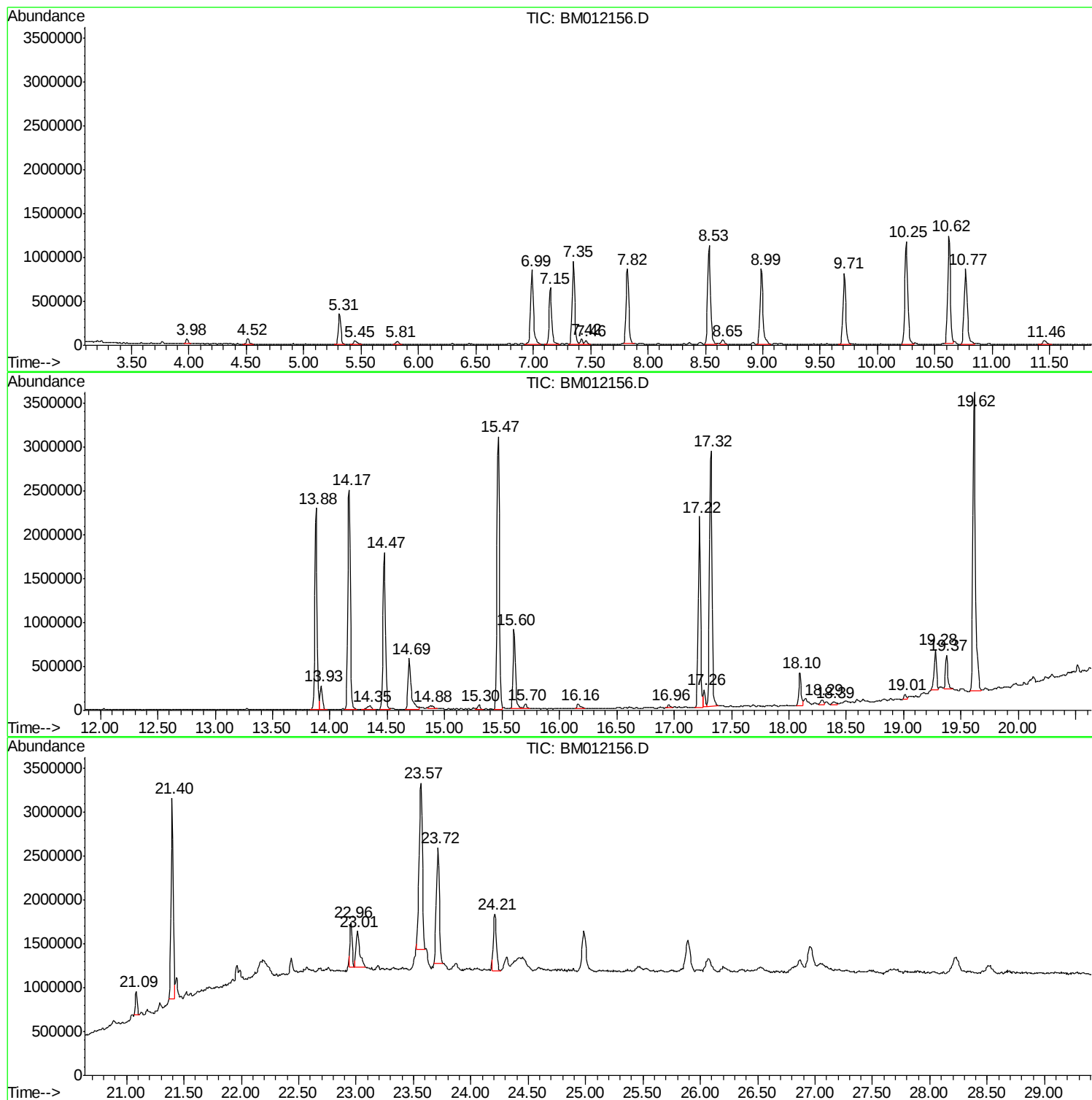
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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



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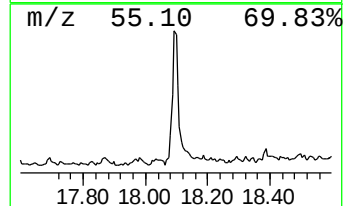
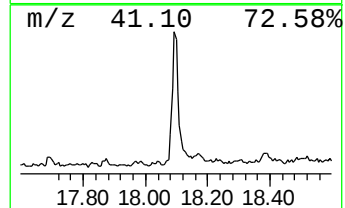
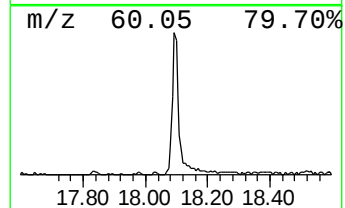
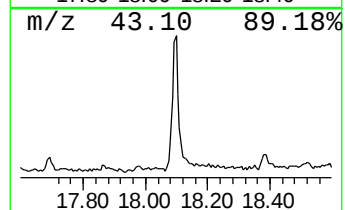
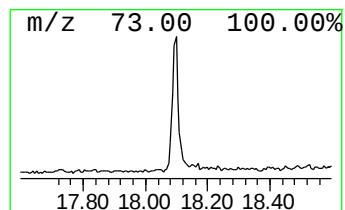
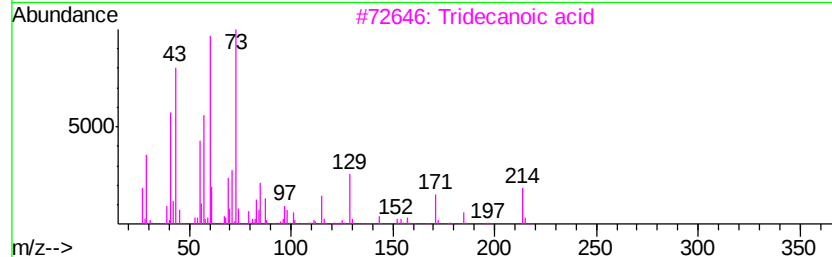
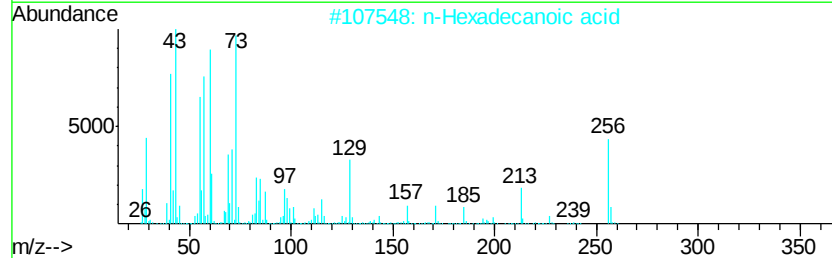
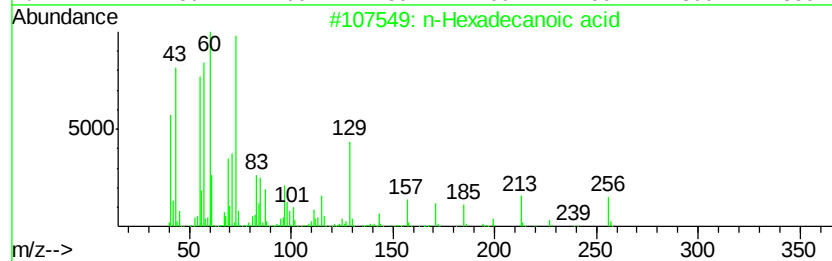
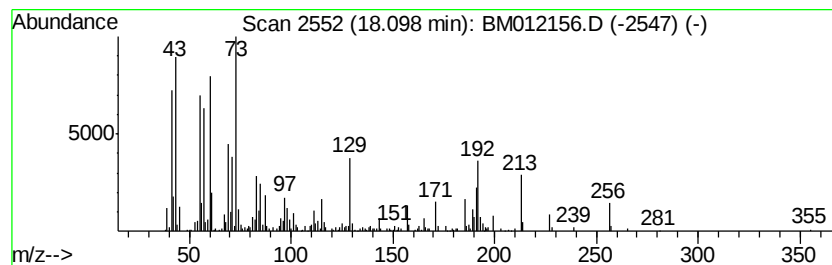
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	3.36 ng/ul	546185	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	91
5		n-Decanoic acid	172	C10H20O2	000334-48-5	86



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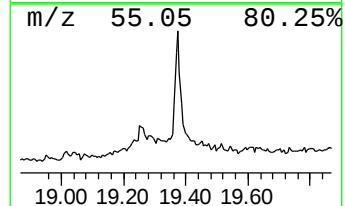
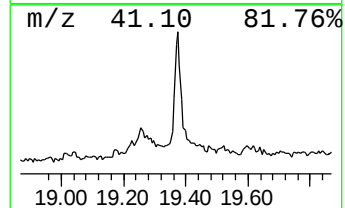
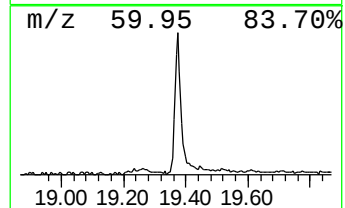
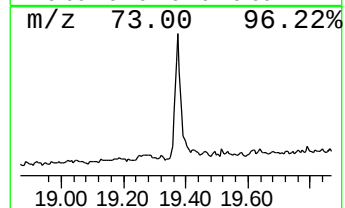
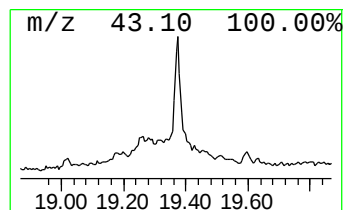
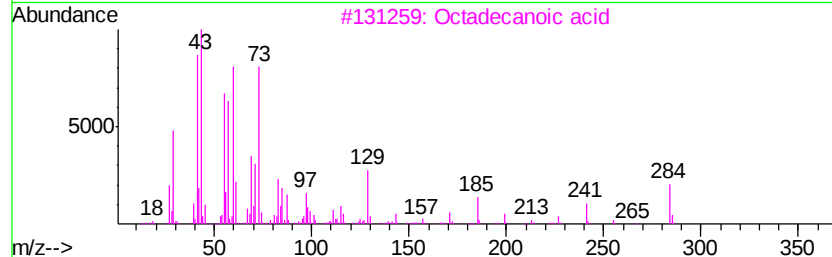
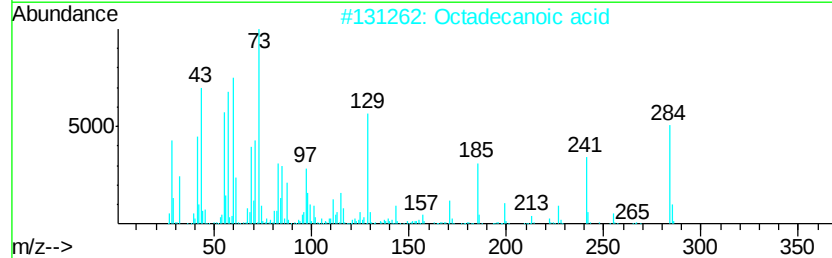
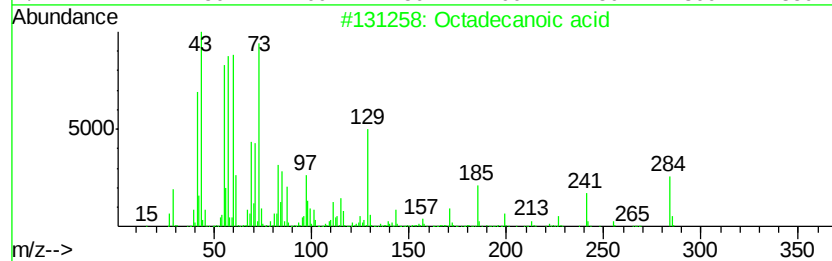
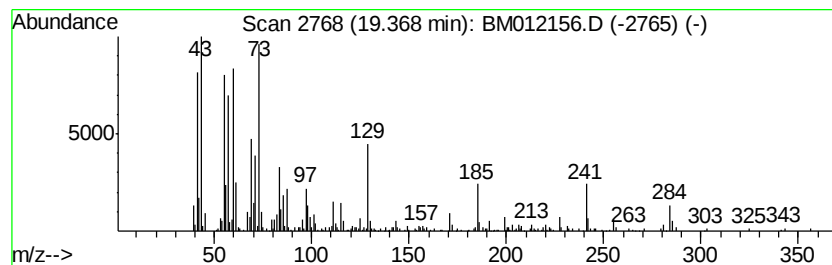
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	3.19 ng/ul	482916	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	98
4		Octadecanoic acid	284	C18H36O2	000057-11-4	97
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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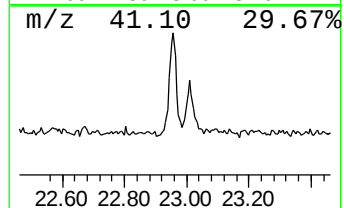
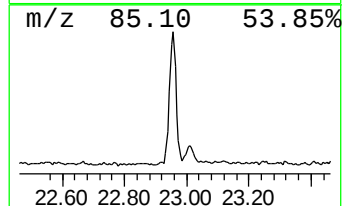
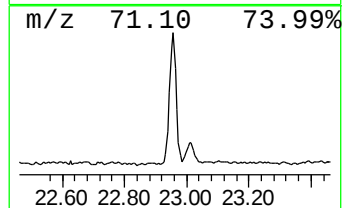
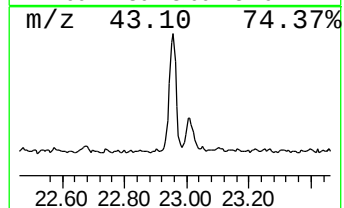
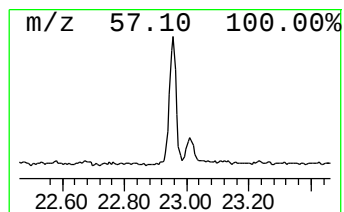
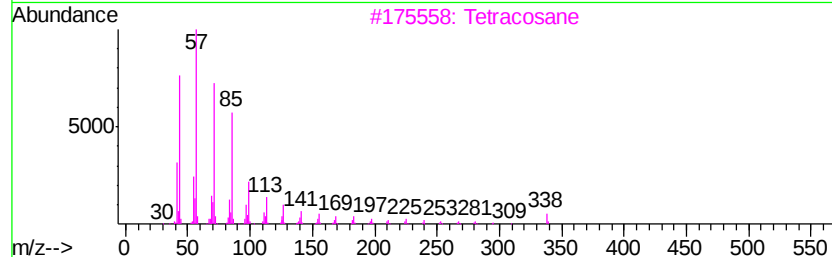
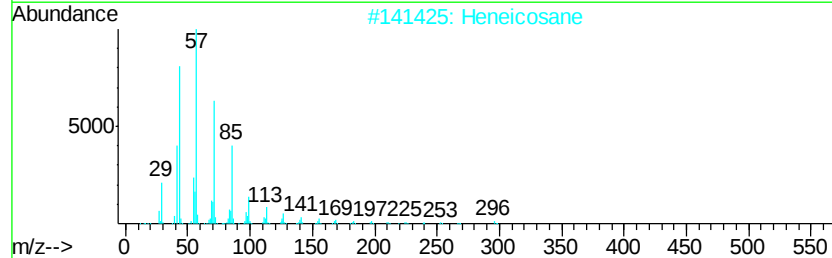
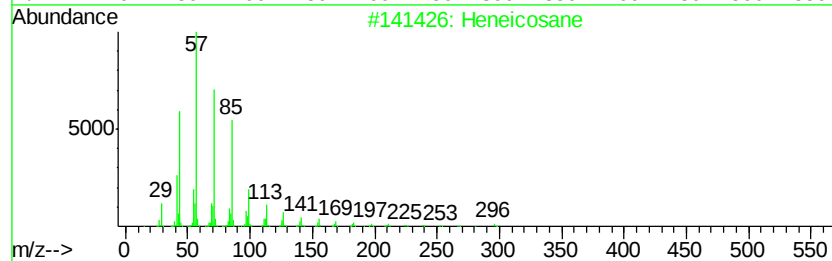
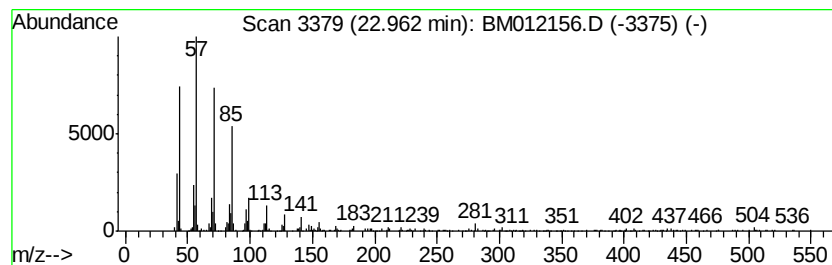
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	5.20 ng/ul	649718	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Heneicosane	296	C21H44	000629-94-7	96
3		Tetracosane	338	C24H50	000646-31-1	92
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	92
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	90



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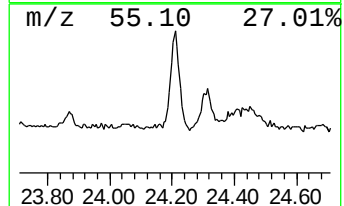
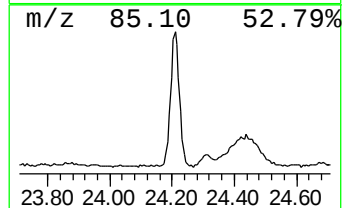
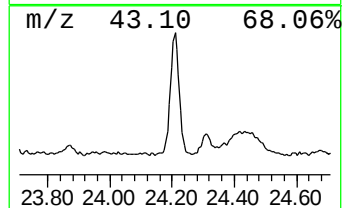
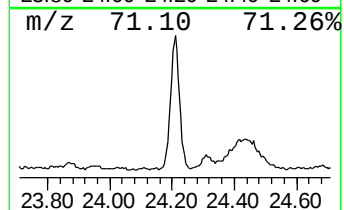
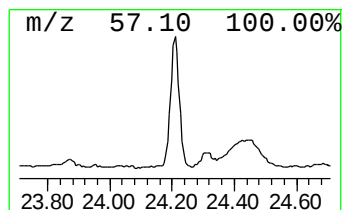
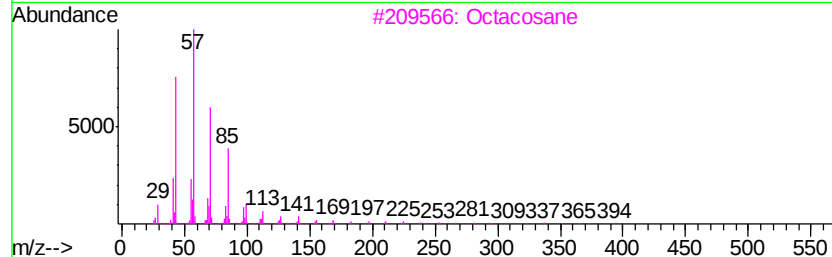
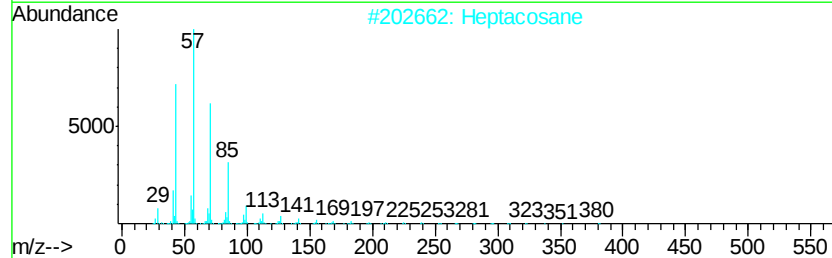
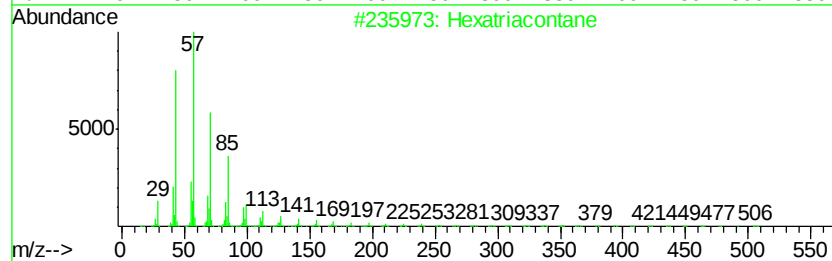
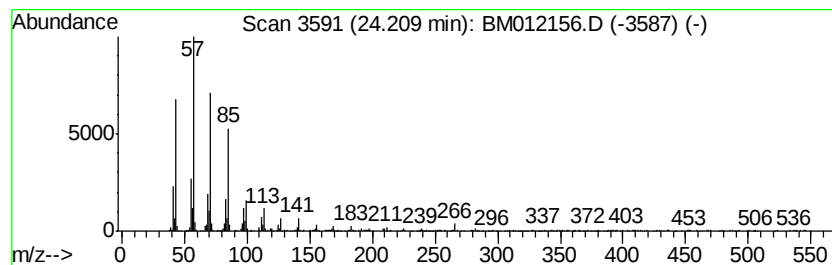
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	9.87 ng/ul	1234680	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontane	507	C36H74	000630-06-8	94
2		Heptacosane	380	C27H56	000593-49-7	94
3		Octacosane	394	C28H58	000630-02-4	94
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5		Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.10	3.4	ng/ul	546185	4	17.22	3252520	20.0
Octadecanoic acid	19.37	3.2	ng/ul	482916	5	21.40	3028980	20.0
(DEL) Alkane: Str...	22.96	5.2	ng/ul	649718	6	23.72	2500810	20.0
(DEL) Alkane: Str...	24.21	9.9	ng/ul	1234680	6	23.72	2500810	20.0