

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021658.D
 Acq On : 26 Jul 2019 04:56
 Operator : HP/JU
 Sample : K3893-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP01

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.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	6.875	656	661	672	rVB	342294	578004	11.62%	1.281%
2	7.046	685	690	699	rVB	260882	427788	8.60%	0.948%
3	7.228	716	721	731	rVB	370122	619420	12.45%	1.372%
4	7.698	795	801	809	rVB	458515	741818	14.91%	1.643%
5	8.404	915	921	934	rVB	419425	714630	14.36%	1.583%
6	8.863	993	999	1011	rVB	390723	688086	13.83%	1.524%
7	9.575	1114	1120	1127	rBV	341900	557742	11.21%	1.236%
8	10.104	1204	1210	1226	rBV	509058	953866	19.17%	2.113%
9	10.475	1267	1273	1281	rBV	745287	1247313	25.07%	2.763%
10	10.634	1293	1300	1318	rVB	391465	813979	16.36%	1.803%
11	12.086	1542	1547	1556	rVB4	6636	12741	0.26%	0.028%
12	12.686	1645	1649	1655	rVB4	4903	8049	0.16%	0.018%
13	12.933	1687	1691	1696	rVB4	7779	11491	0.23%	0.025%
14	13.757	1825	1831	1836	rBV	1204013	1696860	34.11%	3.759%
15	13.804	1836	1839	1851	rVB	215409	305700	6.14%	0.677%
16	14.033	1870	1878	1889	rBV	1353124	2032763	40.86%	4.503%
17	14.339	1923	1930	1938	rBV2	1364594	2047266	41.15%	4.536%
18	14.410	1938	1942	1944	rVB3	3469	5625	0.11%	0.012%
19	14.574	1964	1970	1990	rBV	190365	449385	9.03%	0.996%
20	14.757	1996	2001	2003	rBV5	4852	7328	0.15%	0.016%
21	14.786	2003	2006	2012	rVB3	17136	25370	0.51%	0.056%
22	15.133	2063	2065	2069	rVV2	7271	8240	0.17%	0.018%
23	15.180	2069	2073	2076	rVB4	4081	5271	0.11%	0.012%
24	15.339	2093	2100	2107	rBV	1939896	2694937	54.17%	5.970%
25	15.392	2107	2109	2116	rVV	11283	17910	0.36%	0.040%
26	15.480	2118	2124	2136	rBV	235033	361401	7.26%	0.801%
27	15.580	2136	2141	2147	rVB3	16739	25021	0.50%	0.055%
28	15.692	2155	2160	2167	rVB6	2475	6305	0.13%	0.014%
29	16.045	2216	2220	2224	rBV4	3100	5179	0.10%	0.011%
30	16.121	2230	2233	2237	rVB2	6057	5981	0.12%	0.013%
31	16.233	2245	2252	2259	rVB6	3297	6514	0.13%	0.014%
32	16.633	2317	2320	2323	rVB4	5306	5937	0.12%	0.013%
33	16.874	2359	2361	2366	rVV3	5024	9045	0.18%	0.020%
34	16.916	2366	2368	2371	rVB2	5697	5421	0.11%	0.012%

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35	17.092	2392	2398	2403	rBV2	1887590	2696921	54.21%	5.975%
36	17.133	2403	2405	2410	rVV	125295	161137	3.24%	0.357%
37	17.192	2410	2415	2426	rVB	2321348	3262090	65.57%	7.227%
38	17.380	2442	2447	2450	rBV4	5114	6009	0.12%	0.013%
39	17.515	2466	2470	2476	rVB	13537	22010	0.44%	0.049%
40	17.874	2525	2531	2532	rBV6	4475	7140	0.14%	0.016%
41	17.986	2544	2550	2555	rBV	178920	294246	5.91%	0.652%
42	18.062	2560	2563	2567	rVB	19188	25407	0.51%	0.056%
43	18.168	2576	2581	2585	rBV2	35538	59026	1.19%	0.131%
44	18.474	2630	2633	2638	rBV2	10513	16550	0.33%	0.037%
45	18.527	2639	2642	2646	rVV4	19238	25364	0.51%	0.056%
46	18.892	2700	2704	2705	rBV3	11429	14772	0.30%	0.033%
47	19.045	2726	2730	2733	rBV4	13957	24261	0.49%	0.054%
48	19.157	2744	2749	2756	rVB	476240	623801	12.54%	1.382%
49	19.268	2764	2768	2773	rBV2	88435	134962	2.71%	0.299%
50	19.374	2784	2786	2798	rVB3	28995	65231	1.31%	0.145%
51	19.492	2800	2806	2818	rBV2	3453671	4975046	100.00%	11.022%
52	19.721	2840	2845	2850	rVB	362204	479235	9.63%	1.062%
53	19.862	2862	2869	2873	rBV5	29581	80502	1.62%	0.178%
54	20.021	2892	2896	2901	rVB	86295	117861	2.37%	0.261%
55	20.121	2909	2913	2916	rBV	59726	82885	1.67%	0.184%
56	20.521	2979	2981	2985	rBV3	31823	35902	0.72%	0.080%
57	20.992	3057	3061	3069	rVB3	241285	410025	8.24%	0.908%
58	21.286	3104	3111	3115	rBV	2852060	4167705	83.77%	9.233%
59	21.321	3115	3117	3123	rVB	258251	291731	5.86%	0.646%
60	21.592	3160	3163	3179	rVB3	370037	1041491	20.93%	2.307%
61	22.315	3283	3286	3291	rBV	178264	231222	4.65%	0.512%
62	22.821	3369	3372	3375	rBV	178735	233220	4.69%	0.517%
63	23.386	3462	3468	3474	rBV	2612829	4530266	91.06%	10.037%
64	23.527	3486	3492	3507	rVB	1799796	3461709	69.58%	7.669%
65	24.021	3573	3576	3586	rVB	270082	457502	9.20%	1.014%

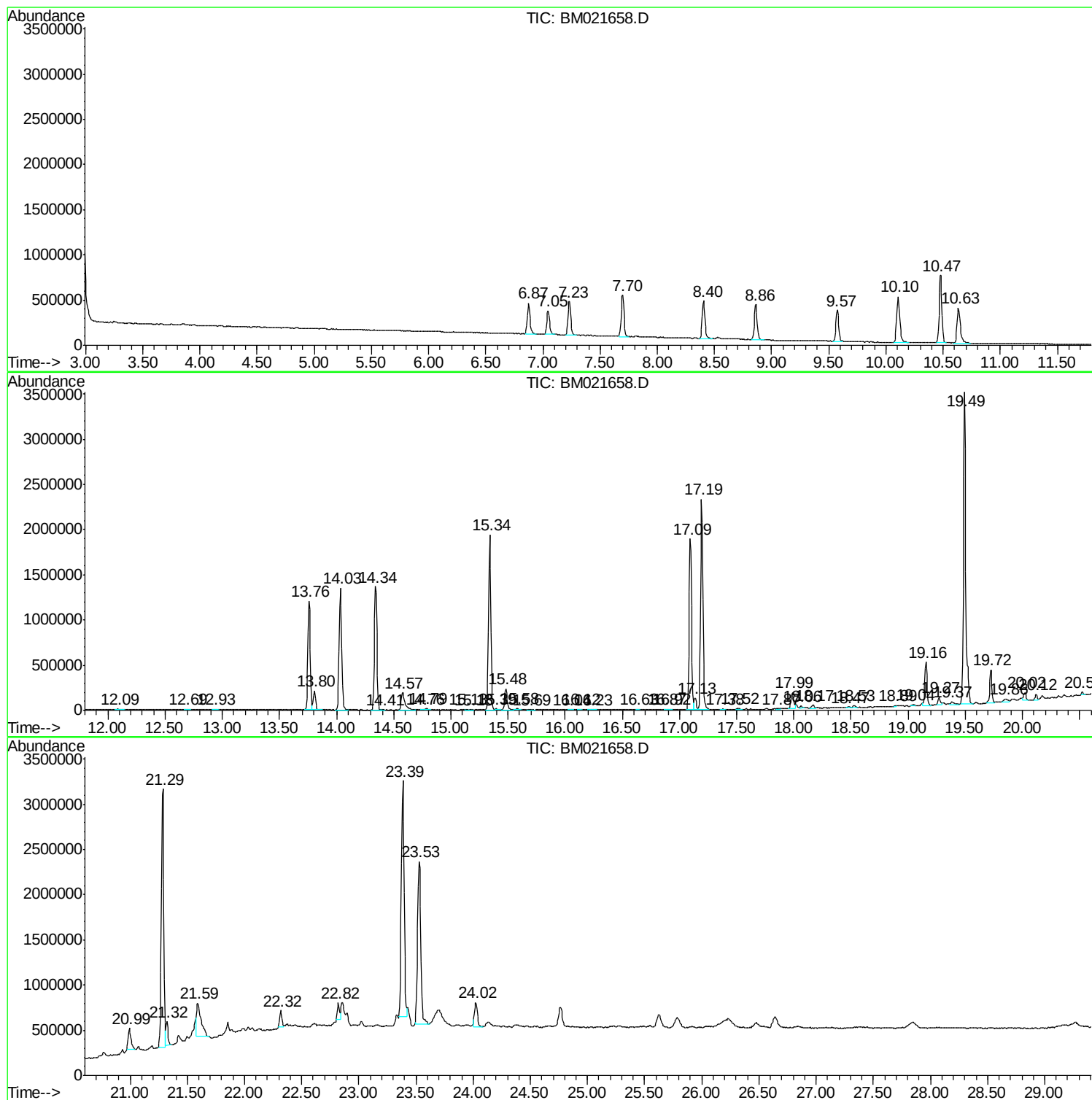
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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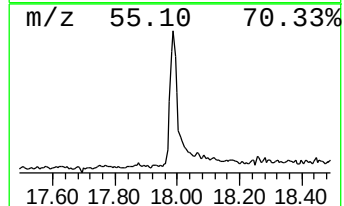
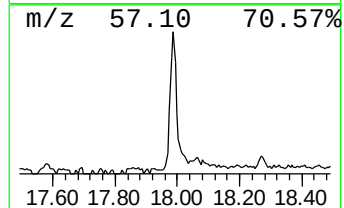
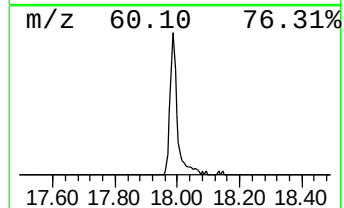
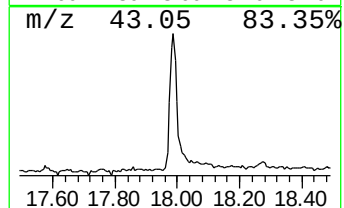
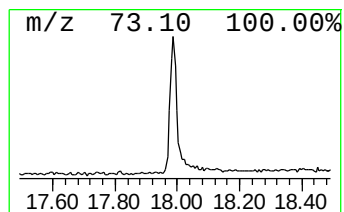
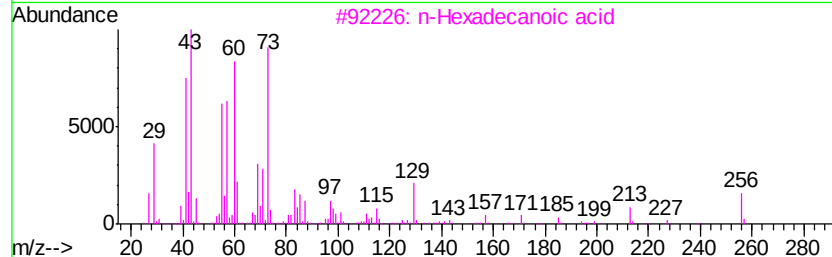
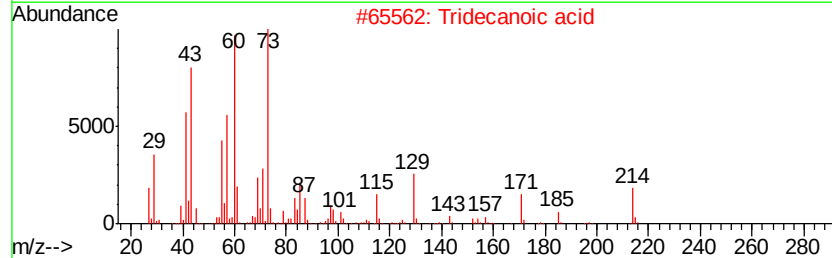
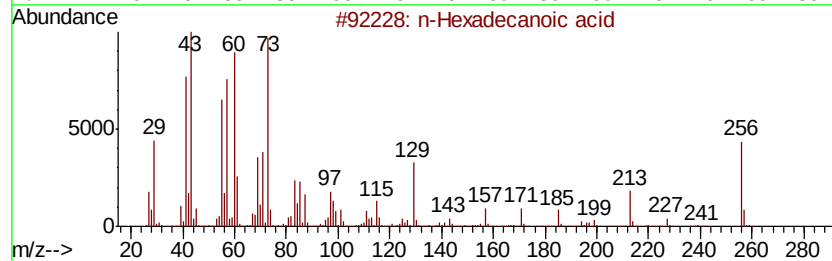
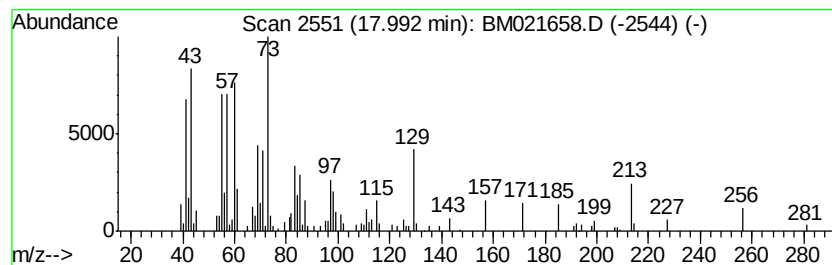
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BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.99	2.18 ng/ul	294246	Phenanthrene-d10		17.09	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	76
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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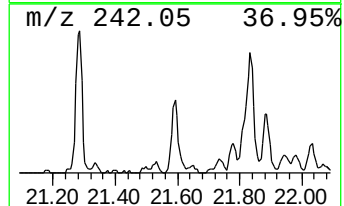
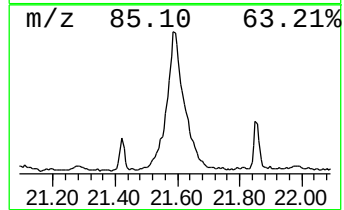
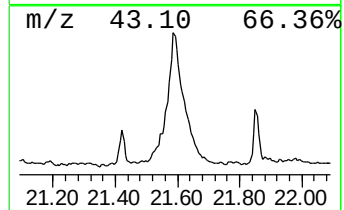
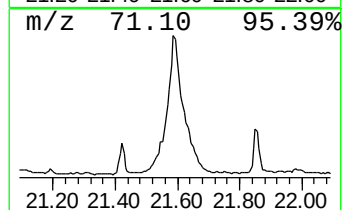
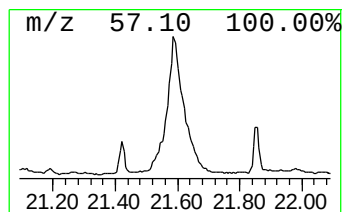
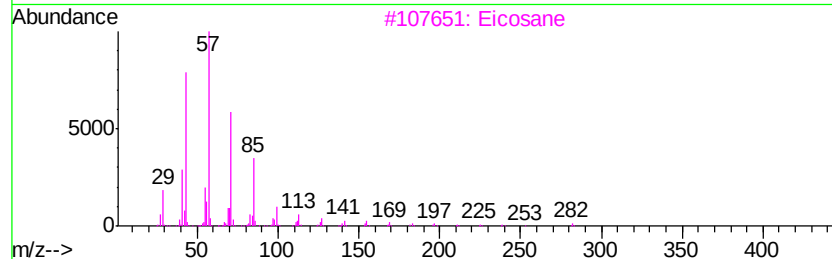
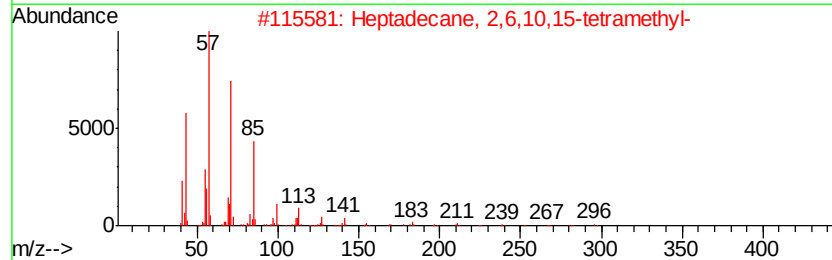
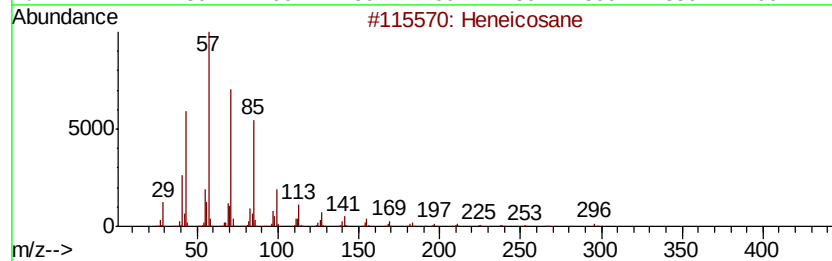
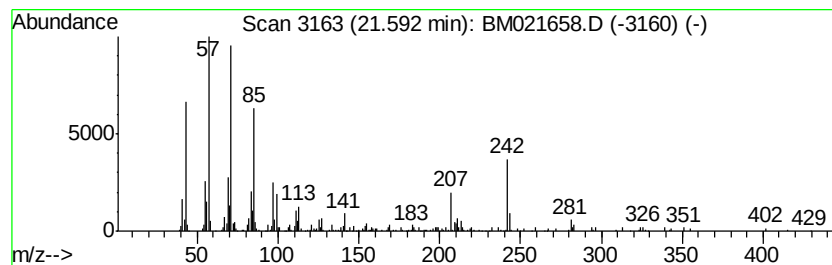
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	5.00 ng/ul	1041490	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	60
3		Eicosane	282	C20H42	000112-95-8	60
4		Tetratetracontane	619	C44H90	007098-22-8	58
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	55



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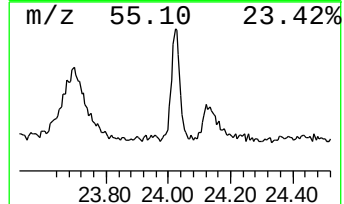
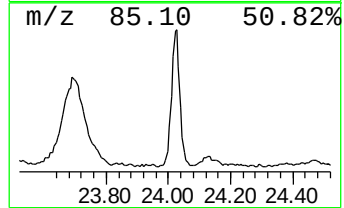
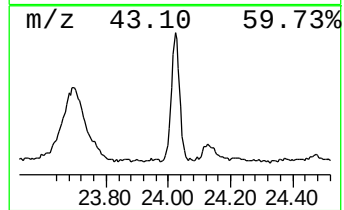
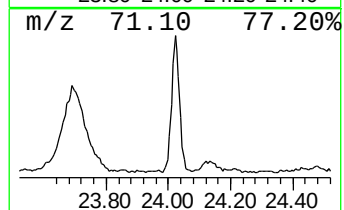
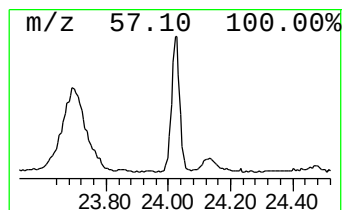
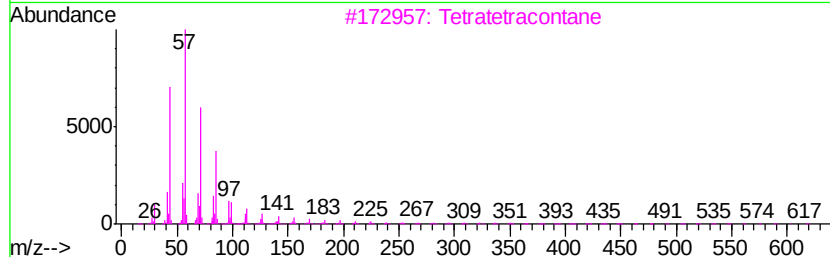
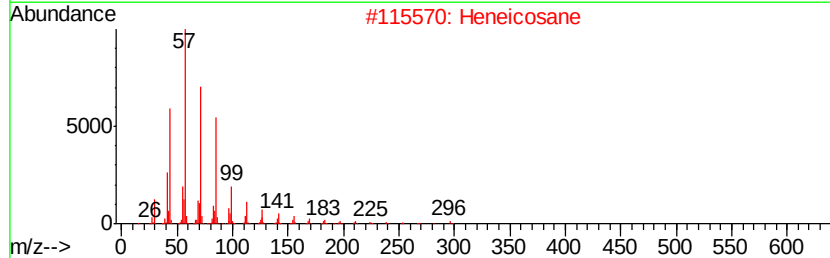
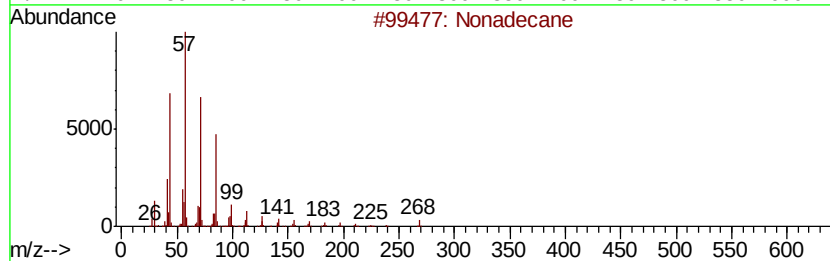
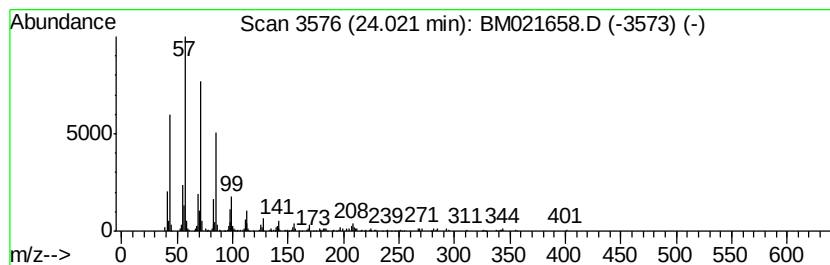
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	2.64 ng/ul	457502	Perylene-d12	23.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Nonadecane	268	C19H40	000629-92-5	89



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	2.2	ng/ul	294246	4	17.09	2696920	20.0
(DEL) Alkane: Str...	21.59	5.0	ng/ul	1041490	5	21.29	4167710	20.0
(DEL) Alkane: Str...	24.02	2.6	ng/ul	457502	6	23.53	3461710	20.0