

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
 Data File : BN005217.D
 Acq On : 23 Apr 2019 16:39
 Operator : JU/SJ
 Sample : K2403-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5102

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_N\METHODS\SOM-EPA-BN041919MA.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	3.146	24	27	32	rVB4	18161	23250	0.28%	0.019%
2	3.217	35	39	46	rVB	195930	236761	2.82%	0.191%
3	3.475	80	83	87	rBV2	20405	26006	0.31%	0.021%
4	3.917	153	158	162	rBV	29969	35235	0.42%	0.028%
5	4.787	302	306	310	rBV6	9483	13865	0.17%	0.011%
6	4.864	315	319	326	rVB4	9325	15596	0.19%	0.013%
7	5.722	460	465	471	rBV5	7978	17114	0.20%	0.014%
8	6.281	554	560	564	rBV5	8656	11879	0.14%	0.010%
9	6.599	612	614	619	rBV5	5534	9492	0.11%	0.008%
10	6.775	637	644	661	rVB	2084608	3182060	37.90%	2.567%
11	6.946	661	673	684	rBV	1594052	2427854	28.92%	1.959%
12	7.134	698	705	716	rBV	2066069	3169819	37.75%	2.557%
13	7.599	776	784	791	rBV	2384257	3689283	43.94%	2.976%
14	7.669	791	796	802	rVB	25905	39606	0.47%	0.032%
15	8.293	892	902	911	rBV	2472926	3905925	46.52%	3.151%
16	8.740	970	978	985	rBV	1925582	3087113	36.77%	2.491%
17	8.910	1003	1007	1014	rVB4	17105	27122	0.32%	0.022%
18	9.193	1049	1055	1061	rVB	53362	77016	0.92%	0.062%
19	9.452	1091	1099	1107	rBV	1539511	2515068	29.95%	2.029%
20	9.510	1107	1109	1116	rVB4	6206	9481	0.11%	0.008%
21	9.981	1182	1189	1203	rBV	2447309	4016181	47.83%	3.240%
22	10.357	1245	1253	1263	rBV	3246198	5450216	64.91%	4.397%
23	10.493	1267	1276	1289	rBV	2204091	3860336	45.98%	3.114%
24	10.999	1358	1362	1368	rBV6	6264	11806	0.14%	0.010%
25	11.404	1427	1431	1434	rBV5	8687	11342	0.14%	0.009%
26	11.793	1491	1497	1503	rVB4	7631	16100	0.19%	0.013%
27	11.951	1519	1524	1531	rBV2	36932	65123	0.78%	0.053%
28	13.075	1711	1715	1720	rVB5	15749	21791	0.26%	0.018%
29	13.140	1723	1726	1730	rVV5	7462	11501	0.14%	0.009%
30	13.598	1799	1804	1806	rBV6	6830	10899	0.13%	0.009%
31	13.651	1806	1813	1817	rVV	3886879	5495269	65.45%	4.433%
32	13.698	1817	1821	1828	rVB	1153442	1580239	18.82%	1.275%
33	13.922	1852	1859	1871	rBV	4446562	6603934	78.65%	5.328%
34	14.163	1895	1900	1904	rVB2	16079	20555	0.24%	0.017%

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35	14.234	1904	1912	1922	rBV2	4419925	6856821	81.66%	5.532%
36	14.428	1937	1945	1963	rBV	1520601	2347755	27.96%	1.894%
37	14.604	1973	1975	1981	rVB7	11304	15700	0.19%	0.013%
38	14.669	1981	1986	1993	rVV10	14829	30259	0.36%	0.024%
39	14.728	1993	1996	1999	rVB5	7302	9618	0.11%	0.008%
40	14.845	2013	2016	2021	rVV6	7296	12764	0.15%	0.010%
41	14.892	2021	2024	2028	rVB5	11810	13857	0.17%	0.011%
42	15.063	2049	2053	2058	rBV6	7966	14576	0.17%	0.012%
43	15.116	2058	2062	2068	rVB4	18434	28791	0.34%	0.023%
44	15.234	2075	2082	2088	rBV	5339712	7683760	91.51%	6.199%
45	15.345	2096	2101	2111	rBV	773926	1138142	13.56%	0.918%
46	15.469	2118	2122	2127	rVB2	66432	87803	1.05%	0.071%
47	15.622	2144	2148	2151	rVV5	10568	12019	0.14%	0.010%
48	15.681	2153	2158	2162	rVB5	11494	16198	0.19%	0.013%
49	15.987	2206	2210	2211	rBV2	10357	11190	0.13%	0.009%
50	16.022	2212	2216	2220	rVB7	25766	38715	0.46%	0.031%
51	16.410	2276	2282	2286	rBV8	23544	46837	0.56%	0.038%
52	16.669	2324	2326	2331	rVB6	13707	11968	0.14%	0.010%
53	16.775	2340	2344	2348	rVB3	19740	28532	0.34%	0.023%
54	16.986	2373	2380	2386	rBV	5483011	7677702	91.44%	6.194%
55	17.081	2390	2396	2407	rVB	5364845	7833813	93.30%	6.320%
56	17.192	2411	2415	2418	rBV5	15816	26201	0.31%	0.021%
57	17.781	2512	2515	2525	rBV10	35119	93873	1.12%	0.076%
58	17.916	2533	2538	2546	rBV	661095	1118235	13.32%	0.902%
59	18.216	2585	2589	2597	rVB	33917	57164	0.68%	0.046%
60	18.863	2695	2699	2704	rBV3	56757	79988	0.95%	0.065%
61	19.028	2723	2727	2730	rBV	65308	92307	1.10%	0.074%
62	19.063	2730	2733	2734	rVV3	47019	46085	0.55%	0.037%
63	19.092	2734	2738	2747	rVB2	152369	329140	3.92%	0.266%
64	19.210	2754	2758	2766	rBV2	308211	523574	6.24%	0.422%
65	19.286	2767	2771	2776	rVB2	66771	114797	1.37%	0.093%
66	19.398	2782	2790	2796	rBV2	5865319	8396423	100.00%	6.774%
67	19.451	2796	2799	2802	rVV	91921	99838	1.19%	0.081%
68	19.486	2802	2805	2815	rVB2	106070	141616	1.69%	0.114%
69	19.992	2888	2891	2895	rBV2	146540	158851	1.89%	0.128%
70	20.363	2952	2954	2959	rVB2	95638	96463	1.15%	0.078%
71	20.498	2973	2977	2980	rVB	212471	213259	2.54%	0.172%

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72	20.969	3052	3057	3061	rBV	455671	672190	8.01%	0.542%
73	21.163	3087	3090	3093	rVB	174180	185745	2.21%	0.150%
74	21.216	3093	3099	3105	rBV	5724669	7314832	87.12%	5.901%
75	21.357	3120	3123	3128	rVB3	97943	127754	1.52%	0.103%
76	21.416	3129	3133	3139	rVV	361728	418875	4.99%	0.338%
77	21.851	3203	3207	3215	rVB	443248	537715	6.40%	0.434%
78	22.310	3281	3285	3295	rVB	513507	659981	7.86%	0.532%
79	22.433	3302	3306	3313	rVB	490394	597460	7.12%	0.482%
80	22.810	3366	3370	3380	rVB	522317	779295	9.28%	0.629%
81	23.280	3443	3450	3460	rVB2	4299022	7794195	92.83%	6.288%
82	23.374	3461	3466	3468	rVV	513629	806609	9.61%	0.651%
83	23.421	3468	3474	3483	rVB	3930030	7337786	87.39%	5.920%
84	24.004	3568	3573	3582	rBV	437372	824498	9.82%	0.665%
85	24.739	3693	3698	3707	rVB2	315363	696973	8.30%	0.562%

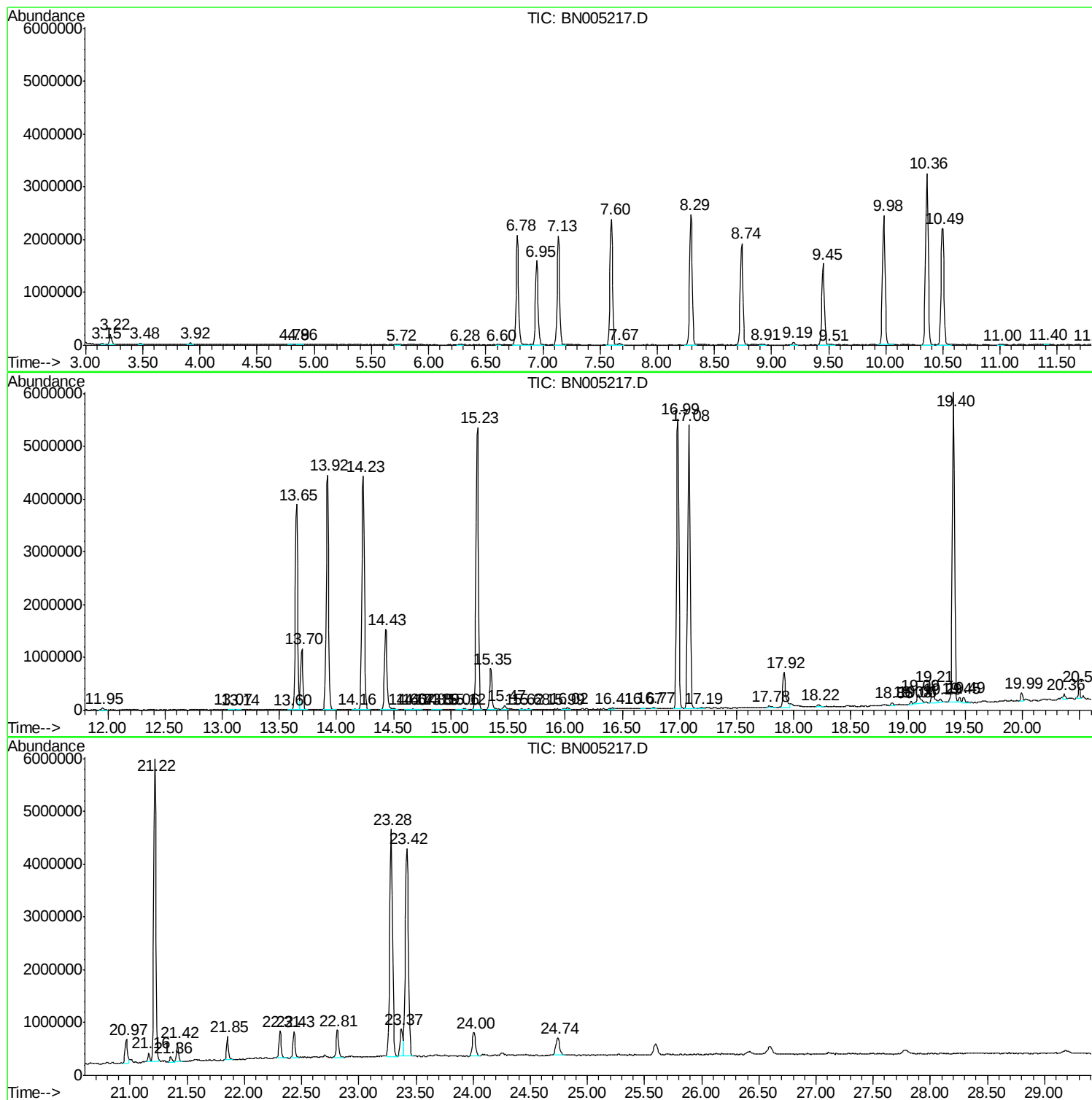
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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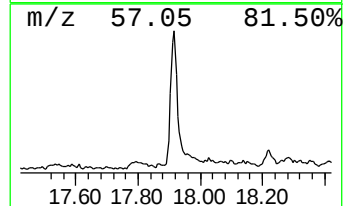
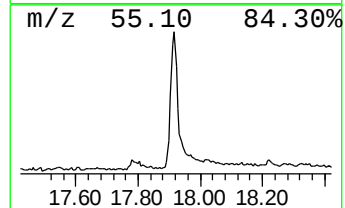
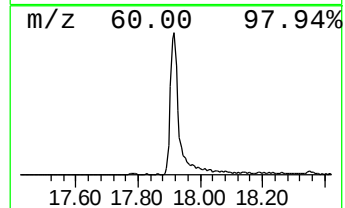
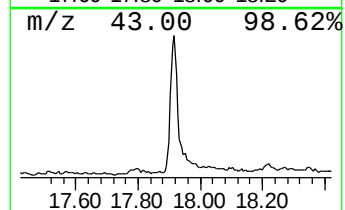
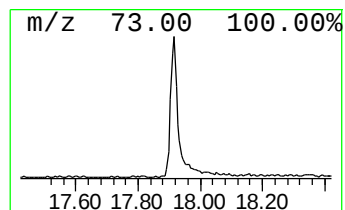
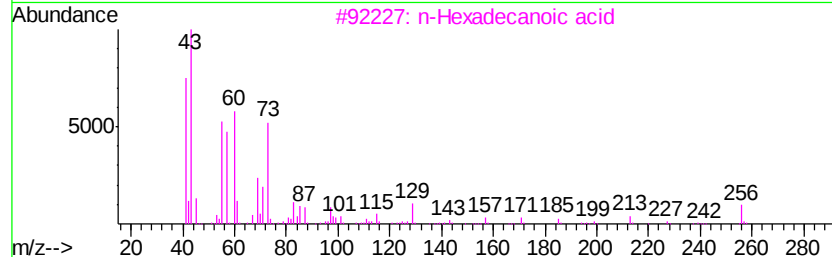
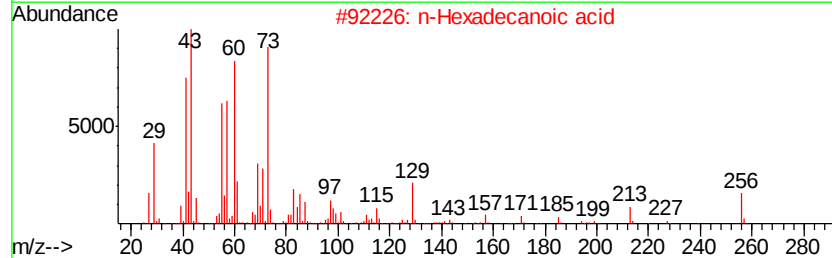
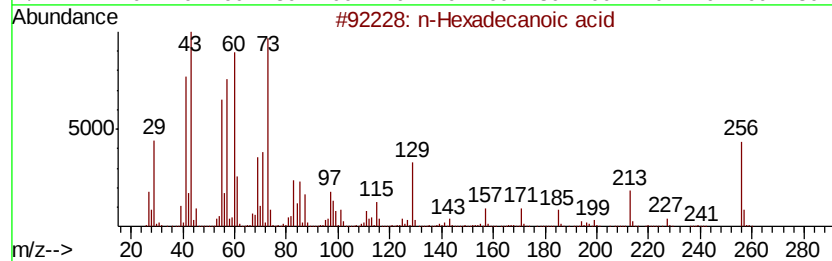
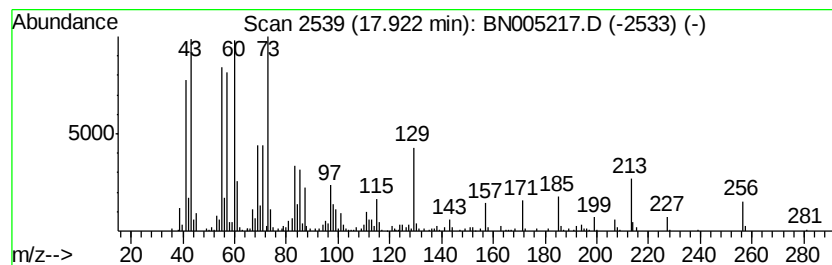
Instrument :
BNA_N
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A5102

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.92	2.91 ng/ul	1118240	Phenanthrene-d10		16.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	93
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	93
4	Tridecanoic acid		214	C13H26O2	000638-53-9	81
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	81



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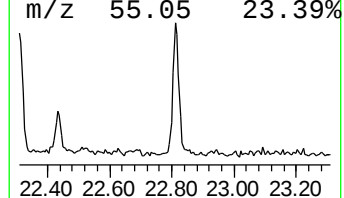
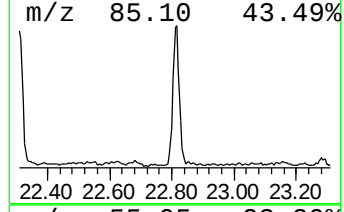
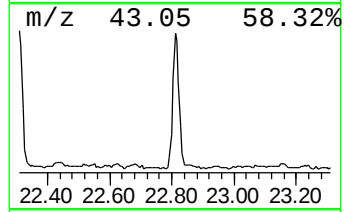
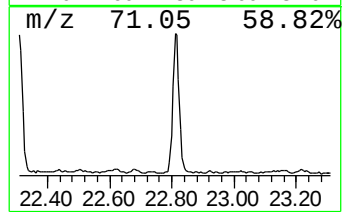
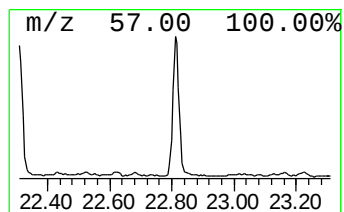
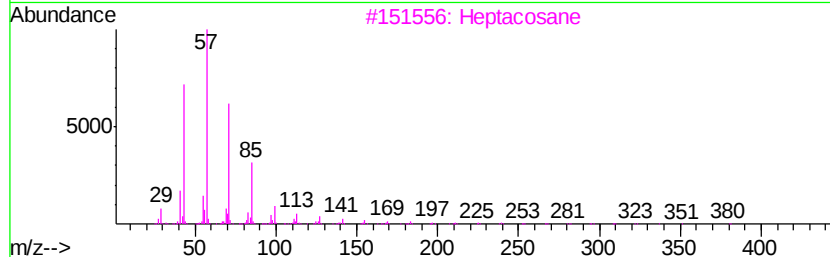
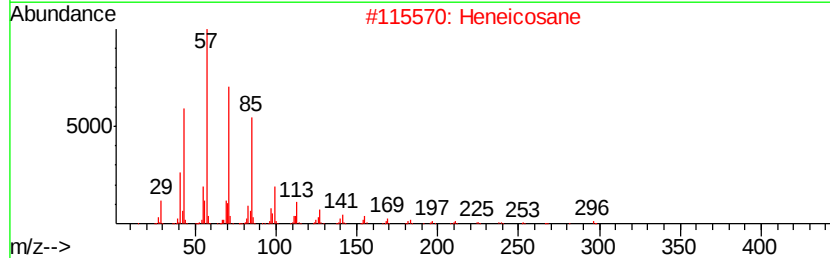
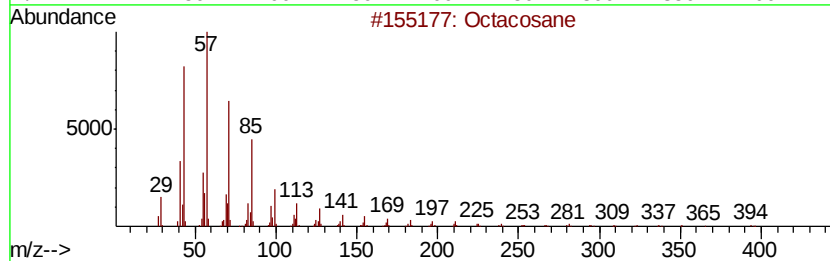
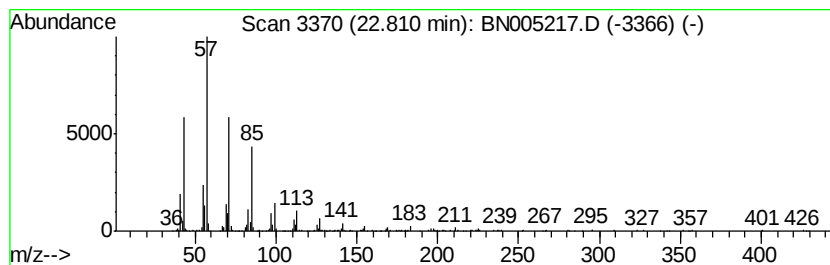
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.81	2.12 ng/ul	779295	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Heneicosane	296	C21H44	000629-94-7	90
3			Heptacosane	380	C27H56	000593-49-7	90
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
5			Eicosane	282	C20H42	000112-95-8	87



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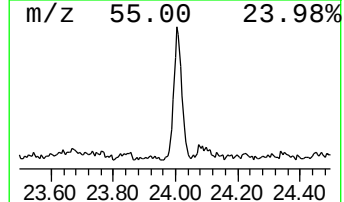
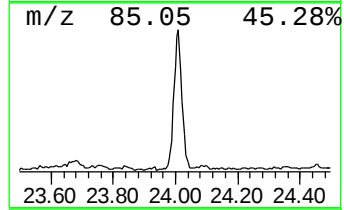
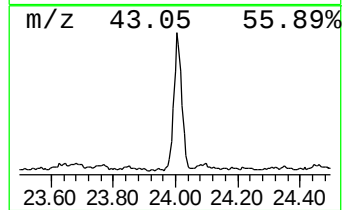
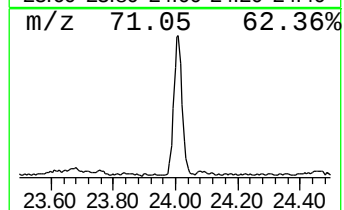
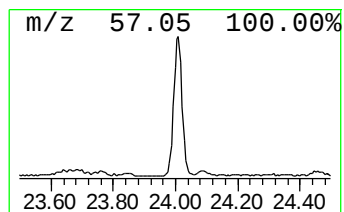
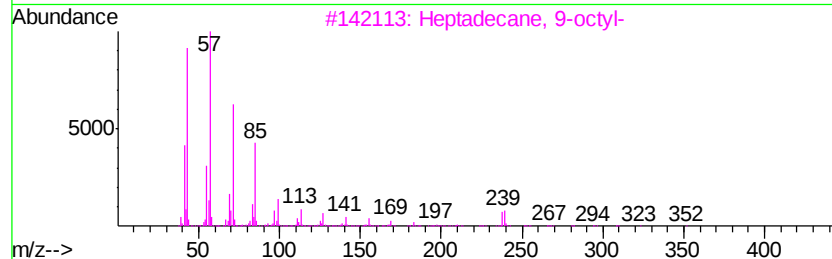
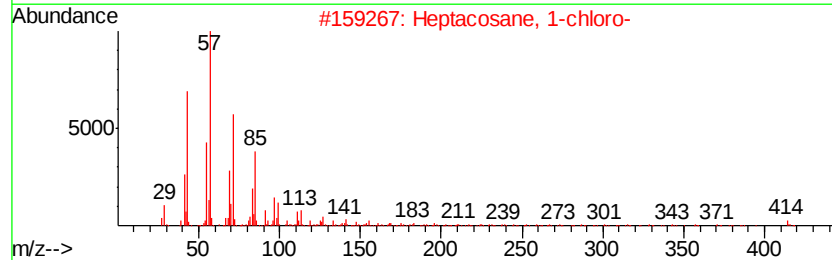
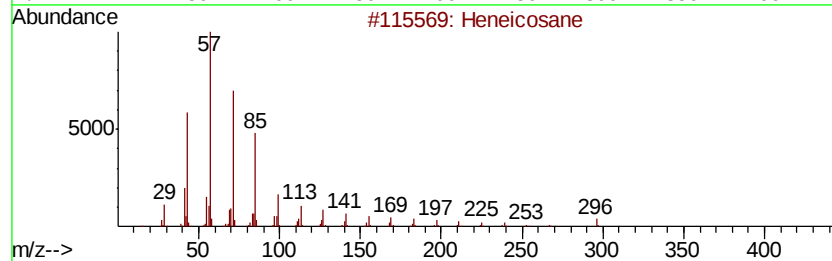
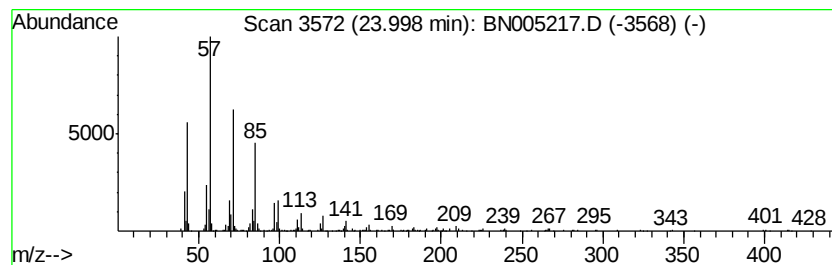
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.25 ng/ul	824498	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Tetratriacontane	479	C34H70	014167-59-0	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.92	2.9	ng/ul	1118240	4	16.99	7677700	20.0
(DEL) Alkane: Str...	22.81	2.1	ng/ul	779295	6	23.42	7337790	20.0
(DEL) Alkane: Str...	24.00	2.3	ng/ul	824498	6	23.42	7337790	20.0