

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
 Data File : BN005174.D
 Acq On : 22 Apr 2019 15:12
 Operator : JU/SJ
 Sample : K2402-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHH4

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	3.216	35	39	48	rBV	176149	209905	1.90%	0.171%
2	3.475	78	83	88	rBV7	5624	12282	0.11%	0.010%
3	3.916	154	158	161	rBV	16664	19013	0.17%	0.015%
4	4.793	301	307	315	rBV5	12125	23538	0.21%	0.019%
5	5.734	463	467	473	rVB3	8097	12335	0.11%	0.010%
6	6.281	557	560	566	rVB4	8174	15079	0.14%	0.012%
7	6.775	637	644	656	rBV	1735150	2719226	24.67%	2.211%
8	6.946	666	673	682	rBV	1365518	2104896	19.10%	1.712%
9	7.140	698	706	715	rVB	1712159	2667251	24.20%	2.169%
10	7.598	777	784	791	rBV	1598703	2490884	22.60%	2.026%
11	7.675	791	797	802	rVB	28583	43660	0.40%	0.036%
12	8.293	894	902	912	rBV	2154356	3452529	31.32%	2.808%
13	8.740	970	978	989	rBV	1765692	2771582	25.15%	2.254%
14	8.916	1002	1008	1012	rBV6	15032	19381	0.18%	0.016%
15	9.204	1049	1057	1062	rBV	57494	84838	0.77%	0.069%
16	9.451	1091	1099	1109	rBV	1391483	2202727	19.99%	1.791%
17	9.981	1181	1189	1203	rBV	2192193	3670325	33.30%	2.985%
18	10.363	1244	1254	1261	rBV	2349846	3794194	34.42%	3.086%
19	10.498	1269	1277	1288	rBV	2124159	3580970	32.49%	2.912%
20	11.392	1425	1429	1435	rBV5	12240	22329	0.20%	0.018%
21	11.804	1495	1499	1503	rBV3	8933	12947	0.12%	0.011%
22	11.957	1518	1525	1530	rBV	41934	64025	0.58%	0.052%
23	13.081	1711	1716	1721	rBV3	15377	22909	0.21%	0.019%
24	13.151	1724	1728	1731	rBV5	7704	11358	0.10%	0.009%
25	13.192	1731	1735	1739	rBV4	6970	11635	0.11%	0.009%
26	13.651	1807	1813	1818	rBV	4349831	6130841	55.62%	4.986%
27	13.698	1818	1821	1828	rVB	1449846	1835659	16.65%	1.493%
28	13.922	1852	1859	1868	rBV	4853890	7086353	64.29%	5.763%
29	14.169	1896	1901	1905	rVB3	16788	23632	0.21%	0.019%
30	14.233	1905	1912	1920	rBV2	3562248	5323465	48.30%	4.329%
31	14.428	1937	1945	1955	rBV	1968946	2866588	26.01%	2.331%
32	14.604	1969	1975	1982	rBV10	6723	17841	0.16%	0.015%
33	14.669	1982	1986	1992	rVB6	9549	15852	0.14%	0.013%
34	14.792	2004	2007	2012	rVB4	6984	12206	0.11%	0.010%

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35	14.857	2012	2018	2021	rBV7	7602	15658	0.14%	0.013%
36	15.069	2049	2054	2058	rBV5	9735	14841	0.13%	0.012%
37	15.127	2060	2064	2068	rVB2	21874	28555	0.26%	0.023%
38	15.233	2075	2082	2089	rBV	6226447	8813287	79.96%	7.167%
39	15.351	2093	2102	2113	rBV	1751572	2424837	22.00%	1.972%
40	15.475	2118	2123	2128	rVV2	75643	108803	0.99%	0.088%
41	15.992	2207	2211	2213	rBV2	13484	20269	0.18%	0.016%
42	16.022	2213	2216	2223	rVB5	29387	49389	0.45%	0.040%
43	16.192	2241	2245	2250	rVB6	9486	15160	0.14%	0.012%
44	16.416	2278	2283	2288	rBV7	22124	46079	0.42%	0.037%
45	16.580	2306	2311	2312	rBV5	8386	12248	0.11%	0.010%
46	16.669	2322	2326	2330	rVB6	16700	22514	0.20%	0.018%
47	16.774	2333	2344	2349	rBV5	24241	79514	0.72%	0.065%
48	16.986	2374	2380	2388	rVB2	4662805	6509496	59.06%	5.294%
49	17.086	2390	2397	2406	rBV2	6691456	9644346	87.50%	7.843%
50	17.257	2424	2426	2430	rVB4	9631	12342	0.11%	0.010%
51	17.374	2440	2446	2447	rBV6	12768	20301	0.18%	0.017%
52	17.410	2447	2452	2456	rVV7	13399	24037	0.22%	0.020%
53	17.539	2469	2474	2479	rBV9	15887	38842	0.35%	0.032%
54	17.786	2512	2516	2518	rBV4	38761	55956	0.51%	0.046%
55	17.921	2534	2539	2547	rBV	571160	951377	8.63%	0.774%
56	18.286	2599	2601	2606	rVB5	17430	17540	0.16%	0.014%
57	18.874	2698	2701	2706	rBV3	41022	55426	0.50%	0.045%
58	19.027	2724	2727	2732	rBV	90587	120754	1.10%	0.098%
59	19.098	2735	2739	2748	rVB5	86121	185281	1.68%	0.151%
60	19.215	2755	2759	2764	rBV2	244650	394253	3.58%	0.321%
61	19.280	2768	2770	2779	rVV	114735	234445	2.13%	0.191%
62	19.404	2783	2791	2797	rVB	8142279	11021762	100.00%	8.963%
63	19.457	2798	2800	2804	rVV3	56220	68587	0.62%	0.056%
64	20.004	2889	2893	2897	rBV3	105279	166218	1.51%	0.135%
65	20.374	2952	2956	2961	rBV	359231	448364	4.07%	0.365%
66	20.510	2977	2979	2983	rVB2	112454	115052	1.04%	0.094%
67	20.986	3055	3060	3065	rBV2	321125	560708	5.09%	0.456%
68	21.186	3091	3094	3097	rVV	184044	188221	1.71%	0.153%
69	21.233	3097	3102	3108	rVB	5221086	6528511	59.23%	5.309%
70	21.445	3135	3138	3147	rVB	265347	318038	2.89%	0.259%
71	21.892	3210	3214	3222	rBV	357347	434417	3.94%	0.353%

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72	22.357	3289	3293	3302	rVB	430602	578907	5.25%	0.471%
73	22.480	3310	3314	3321	rVB	790255	1000353	9.08%	0.814%
74	22.868	3375	3380	3391	rVB	486745	689953	6.26%	0.561%
75	23.321	3449	3457	3470	rBV2	5143933	9488025	86.08%	7.716%
76	23.462	3471	3481	3489	rVV	3266839	6826743	61.94%	5.552%
77	24.074	3580	3585	3592	rVB	409826	712045	6.46%	0.579%
78	24.815	3706	3711	3718	rVB2	269994	554696	5.03%	0.451%

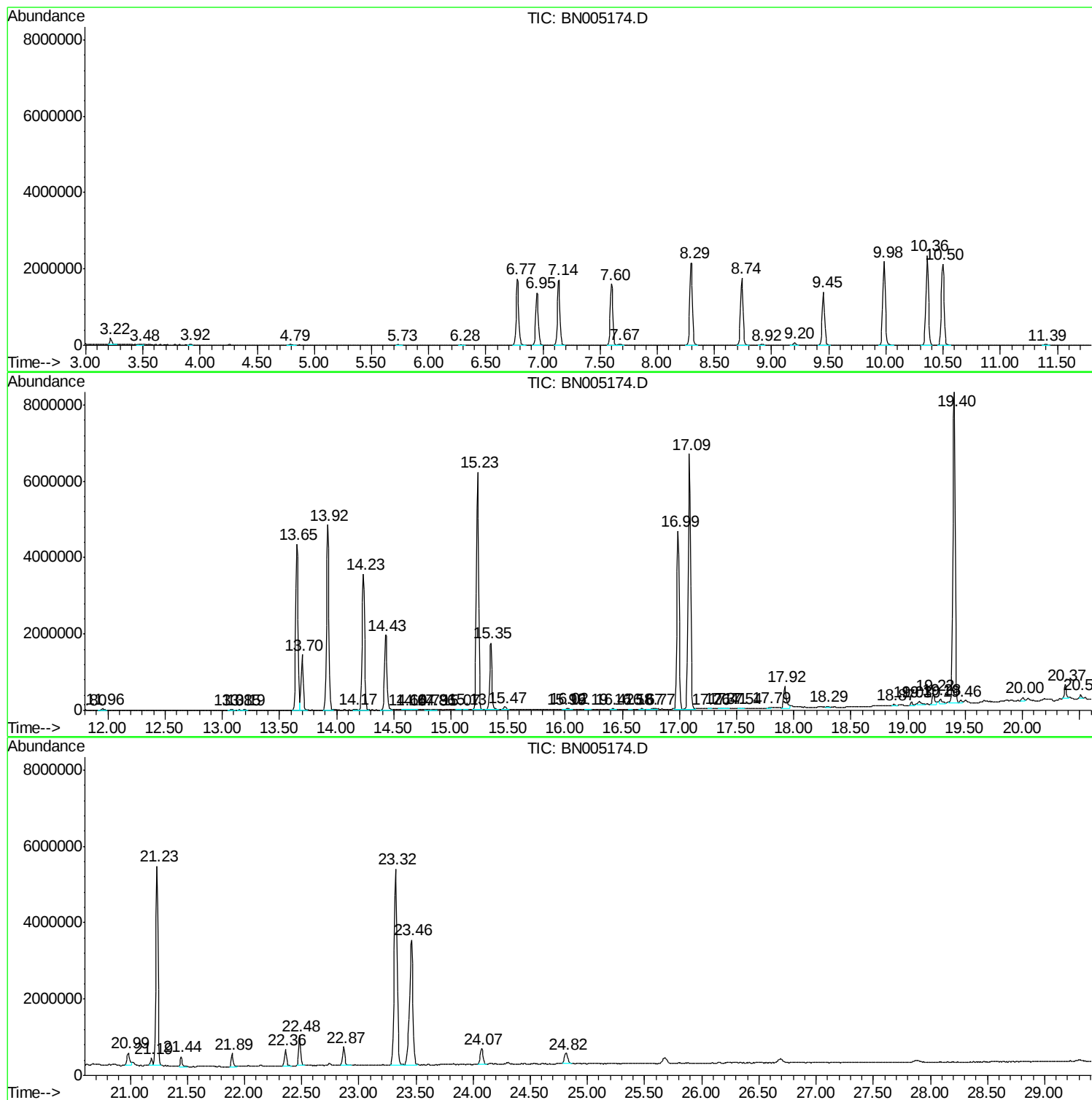
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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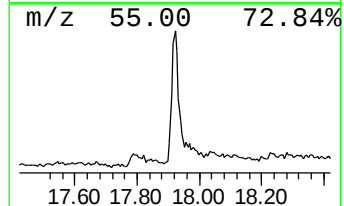
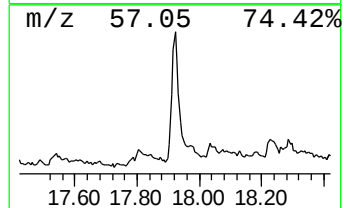
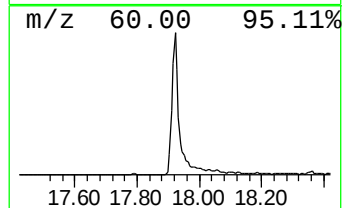
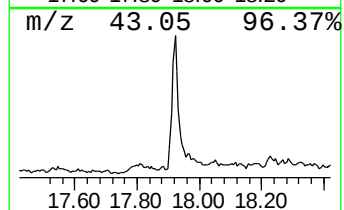
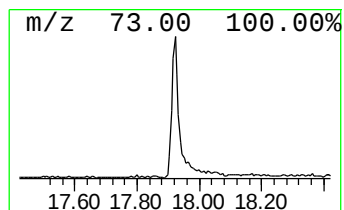
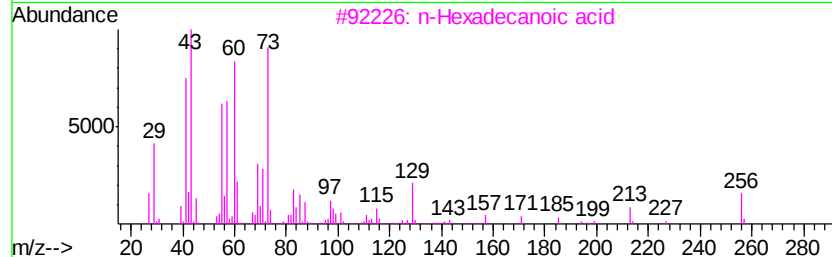
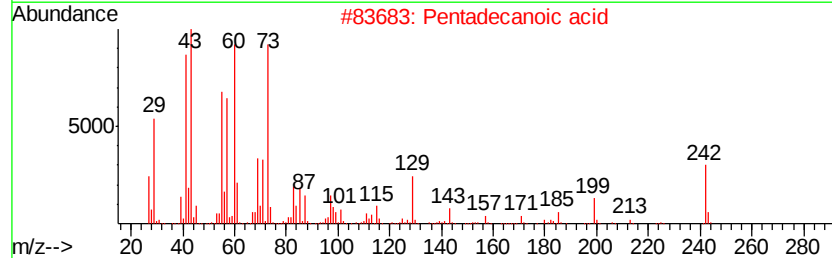
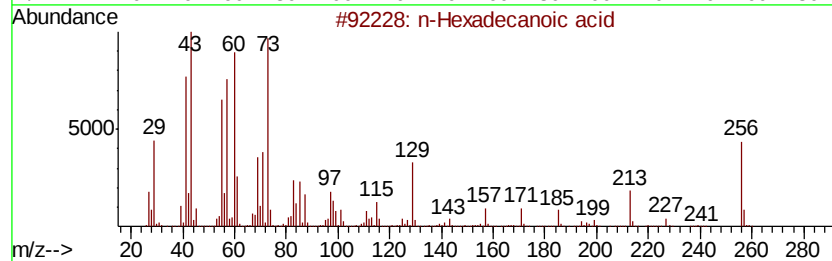
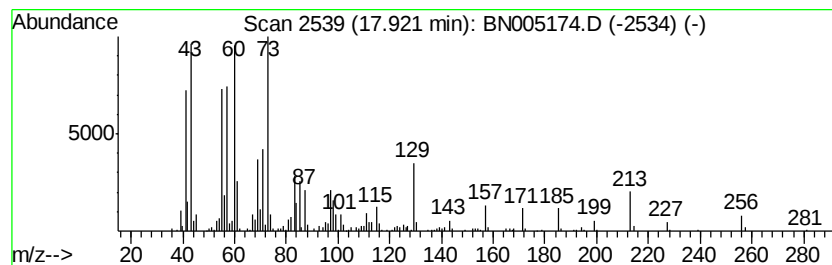
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.92	2.92 ng/ul	951377	Phenanthrene-d10		16.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid		242	C15H30O2	001002-84-2	86
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	76
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	72
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	72



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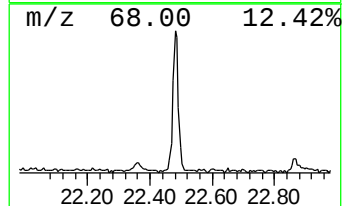
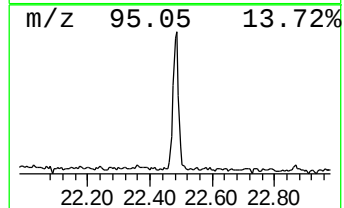
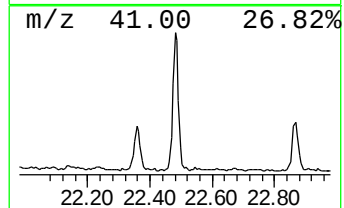
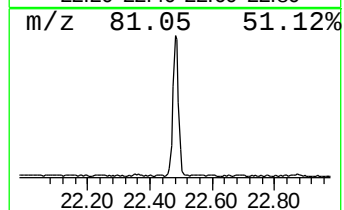
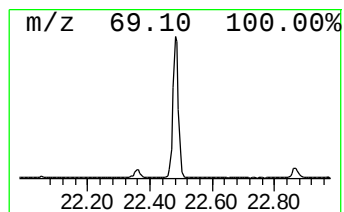
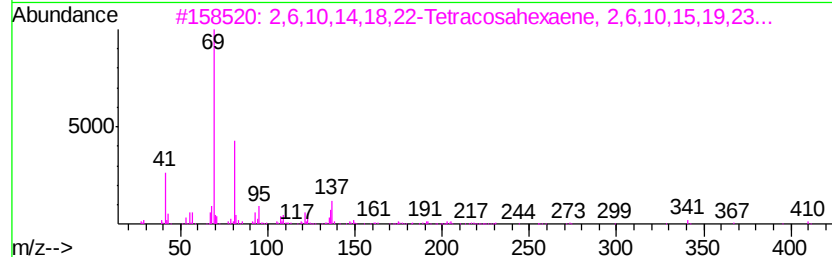
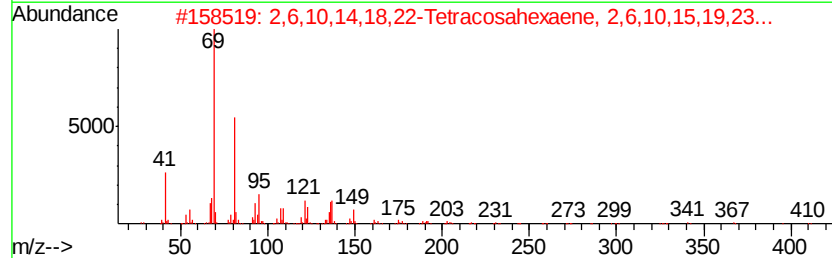
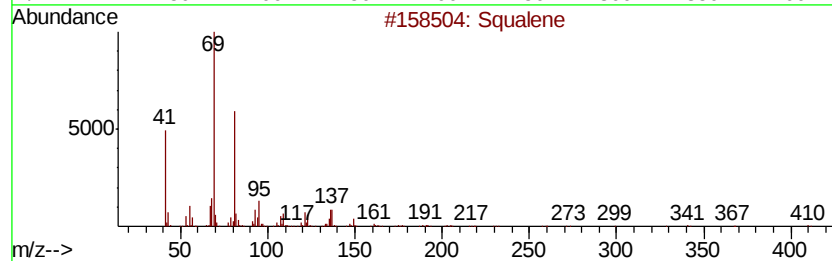
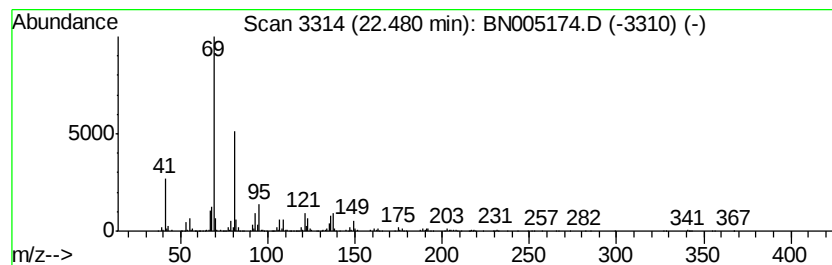
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	2.93 ng/ul	1000350	Perylene-d12	23.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	007683-64-9 91
2	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 91
3	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 91
4	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 90
5	7,11-Dimethyldodeca-2,6,10-trien...		208 C14H24O	125529-10-4 87



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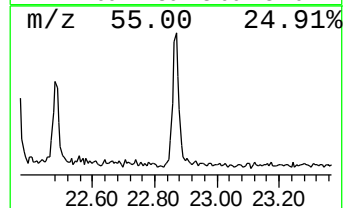
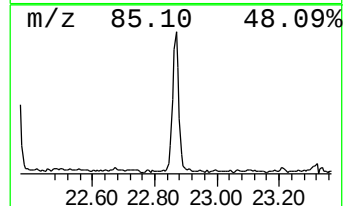
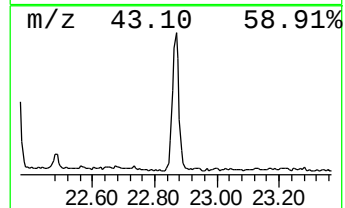
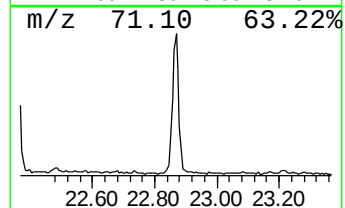
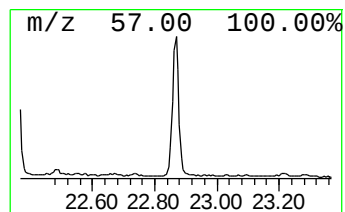
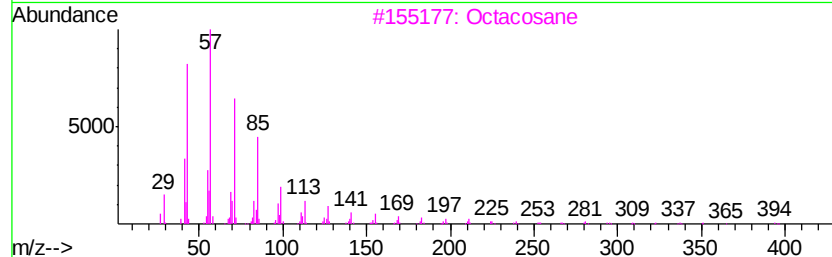
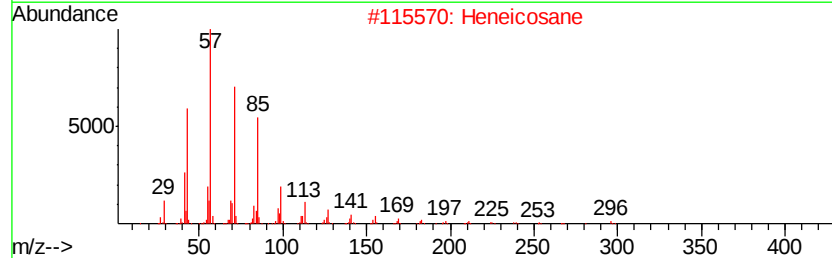
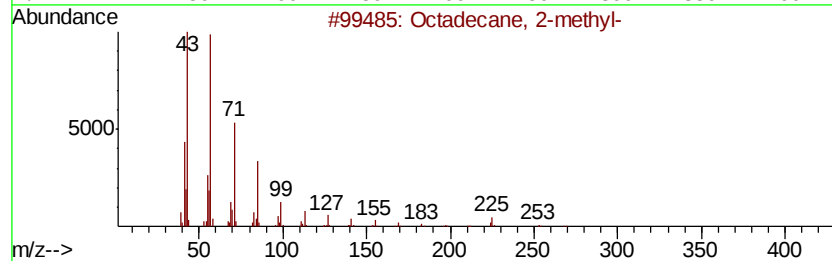
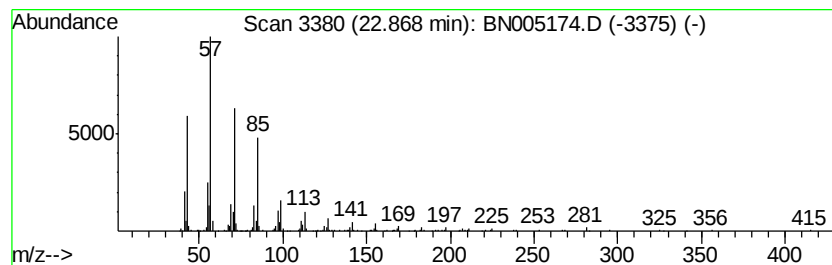
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	2.02 ng/ul	689953	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



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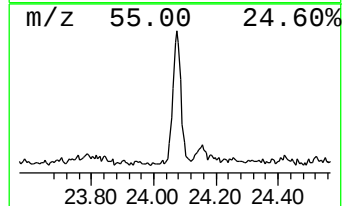
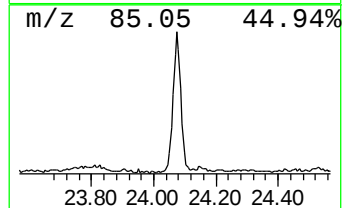
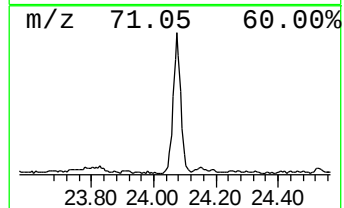
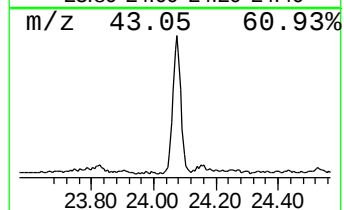
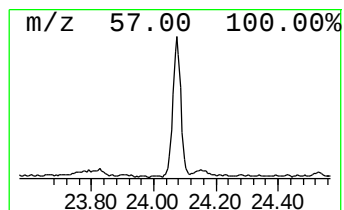
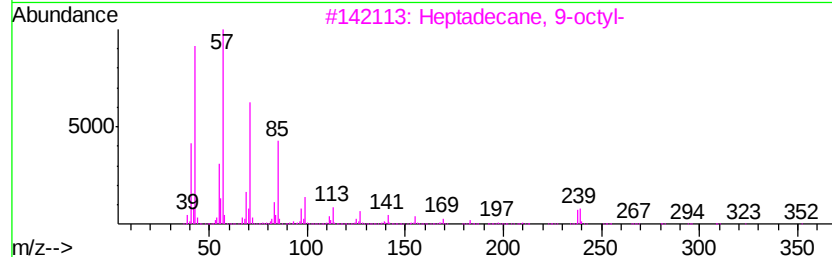
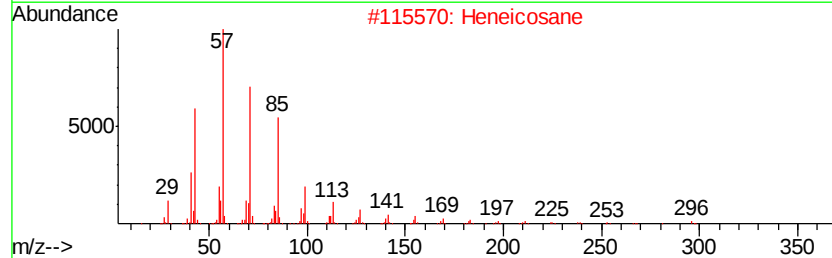
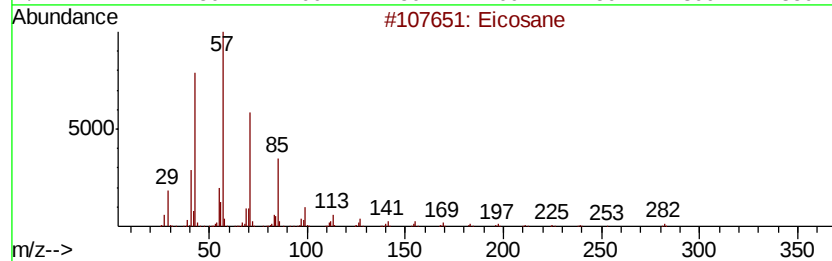
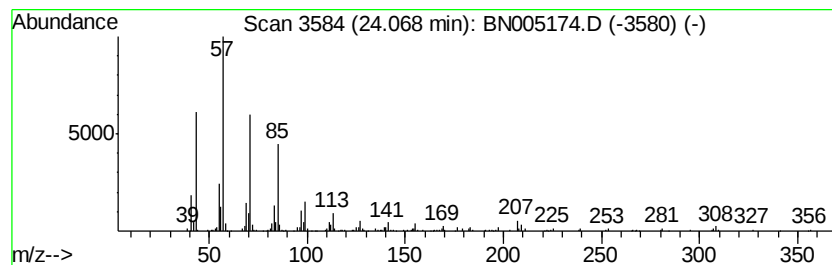
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	2.09 ng/ul	712045	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005174.D
Acq On : 22 Apr 2019 15:12
Operator : JU/SJ
Sample : K2402-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHH4

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.92	2.9	ng/ul	951377	4	16.99	6509500	20.0
Squalene	22.48	2.9	ng/ul	1000350	6	23.46	6826740	20.0
(DEL) Alkane: Str...	22.87	2.0	ng/ul	689953	6	23.46	6826740	20.0
(DEL) Alkane: Str...	24.07	2.1	ng/ul	712045	6	23.46	6826740	20.0