

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024764.D
 Acq On : 07 Feb 2020 16:51
 Operator : CG/JU
 Sample : L1399-09
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6G0

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-BM020620MA.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	3.016	19	22	27	rBV	43749	51090	1.07%	0.083%
2	3.634	123	127	132	rVB2	18612	29065	0.61%	0.047%
3	3.710	137	140	143	rBV3	10597	13661	0.29%	0.022%
4	3.881	167	169	174	rBV5	3286	5736	0.12%	0.009%
5	3.940	174	179	183	rVV4	8770	15554	0.33%	0.025%
6	4.075	199	202	206	rBV5	4452	5394	0.11%	0.009%
7	4.328	241	245	250	rBV6	5106	8930	0.19%	0.014%
8	4.598	287	291	297	rBV	15326	22768	0.48%	0.037%
9	5.522	445	448	454	rBV7	4706	5775	0.12%	0.009%
10	6.604	626	632	645	rVB	643447	1020312	21.34%	1.651%
11	6.763	652	659	667	rBV	601209	919755	19.24%	1.488%
12	6.951	684	691	699	rBV	781278	1198784	25.07%	1.940%
13	7.069	709	711	714	rVB4	6337	5883	0.12%	0.010%
14	7.410	762	769	780	rBV	1047938	1612075	33.72%	2.609%
15	7.504	782	785	789	rVB3	7160	9011	0.19%	0.015%
16	8.122	883	890	903	rBV	880080	1391941	29.11%	2.252%
17	8.222	903	907	913	rVB6	7645	14419	0.30%	0.023%
18	8.545	955	962	975	rBV	691773	1152912	24.11%	1.866%
19	8.739	991	995	1000	rBV2	22542	32011	0.67%	0.052%
20	9.045	1037	1047	1056	rVB	66726	97942	2.05%	0.158%
21	9.263	1076	1084	1095	rBV	623725	1021366	21.36%	1.653%
22	9.798	1168	1175	1190	rBV	948032	1570796	32.85%	2.542%
23	10.169	1230	1238	1247	rBV	1380519	2267048	47.41%	3.669%
24	10.310	1255	1262	1279	rBV	831824	1471878	30.78%	2.382%
25	11.527	1463	1469	1475	rBV5	5031	8735	0.18%	0.014%
26	11.645	1485	1489	1494	rVB4	5305	9544	0.20%	0.015%
27	11.769	1506	1510	1518	rVB	14179	25031	0.52%	0.041%
28	11.857	1518	1525	1528	rBV5	3415	5845	0.12%	0.009%
29	12.410	1613	1619	1623	rBV4	3463	6741	0.14%	0.011%
30	12.921	1702	1706	1711	rBV2	14315	19368	0.41%	0.031%
31	12.992	1711	1718	1722	rVB4	11016	16971	0.35%	0.027%
32	13.368	1777	1782	1787	rVB3	2819	5446	0.11%	0.009%
33	13.486	1796	1802	1808	rBV	1924367	2600119	54.38%	4.207%
34	13.533	1808	1810	1815	rVB	25958	28803	0.60%	0.047%

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35	13.745	1839	1846	1858	rBV	1919808	2856504	59.74%	4.622%
36	14.010	1887	1891	1894	rVV4	5695	8578	0.18%	0.014%
37	14.063	1894	1900	1908	rVB	2284934	3249674	67.97%	5.259%
38	14.286	1932	1938	1959	rBV	515477	948683	19.84%	1.535%
39	14.915	2041	2045	2048	rBV4	6327	9708	0.20%	0.016%
40	14.974	2051	2055	2058	rVB3	6268	8058	0.17%	0.013%
41	15.062	2064	2070	2079	rBV	2655056	3729039	77.99%	6.034%
42	15.192	2087	2092	2103	rBV	748736	1064227	22.26%	1.722%
43	15.310	2108	2112	2118	rVB	30619	39421	0.82%	0.064%
44	15.680	2169	2175	2178	rVB5	7977	11737	0.25%	0.019%
45	15.851	2198	2204	2209	rBV7	12862	30560	0.64%	0.049%
46	15.998	2224	2229	2230	rBV3	3784	5086	0.11%	0.008%
47	16.180	2257	2260	2263	rBV4	6470	8763	0.18%	0.014%
48	16.268	2274	2275	2278	rVV3	7059	7002	0.15%	0.011%
49	16.386	2289	2295	2298	rBV3	10983	14701	0.31%	0.024%
50	16.498	2311	2314	2317	rVB5	4716	6504	0.14%	0.011%
51	16.604	2326	2332	2335	rVV	11984	15756	0.33%	0.025%
52	16.633	2335	2337	2342	rVB5	10767	12738	0.27%	0.021%
53	16.815	2362	2368	2373	rBV	2785396	3765791	78.76%	6.094%
54	16.856	2373	2375	2379	rVV	83777	95883	2.01%	0.155%
55	16.915	2379	2385	2398	rVB	2799203	3768358	78.81%	6.098%
56	17.245	2435	2441	2445	rBV7	21529	35366	0.74%	0.057%
57	17.368	2459	2462	2465	rVB3	5836	8016	0.17%	0.013%
58	17.539	2488	2491	2494	rVB5	5090	5658	0.12%	0.009%
59	17.621	2503	2505	2509	rBV5	8542	12324	0.26%	0.020%
60	17.698	2512	2518	2522	rVV2	16880	28987	0.61%	0.047%
61	17.756	2522	2528	2534	rVV3	46826	89510	1.87%	0.145%
62	17.821	2536	2539	2544	rVV5	10600	17494	0.37%	0.028%
63	17.880	2545	2549	2554	rVV3	27705	47381	0.99%	0.077%
64	17.921	2554	2556	2563	rVB3	14019	24776	0.52%	0.040%
65	18.056	2575	2579	2583	rBV6	12980	25405	0.53%	0.041%
66	18.198	2600	2603	2611	rVB7	23376	35369	0.74%	0.057%
67	18.280	2615	2617	2620	rBV2	7948	9106	0.19%	0.015%
68	18.474	2647	2650	2653	rVB4	16656	19916	0.42%	0.032%
69	18.545	2658	2662	2665	rBV5	6292	9686	0.20%	0.016%
70	18.633	2672	2677	2681	rBV2	34879	52644	1.10%	0.085%
71	18.686	2683	2686	2687	rVV3	9412	9012	0.19%	0.015%

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72	18.715	2687	2691	2696	rVB7	16308	26184	0.55%	0.042%
73	18.768	2696	2700	2702	rBV4	14437	22914	0.48%	0.037%
74	18.856	2711	2715	2716	rBV	38228	43286	0.91%	0.070%
75	18.886	2716	2720	2726	rVB	241888	316517	6.62%	0.512%
76	19.103	2755	2757	2764	rVB2	19755	30218	0.63%	0.049%
77	19.221	2771	2777	2787	rBV	3518164	4781359	100.00%	7.737%
78	19.292	2787	2789	2793	rVB5	20204	22812	0.48%	0.037%
79	19.333	2793	2796	2801	rBV6	16069	29268	0.61%	0.047%
80	19.597	2837	2841	2846	rVB4	19671	34697	0.73%	0.056%
81	19.756	2866	2868	2871	rVB2	31685	32386	0.68%	0.052%
82	19.833	2878	2881	2883	rBV	29172	29544	0.62%	0.048%
83	19.915	2892	2895	2899	rBV2	32416	38196	0.80%	0.062%
84	20.056	2916	2919	2923	rVB4	24717	29449	0.62%	0.048%
85	20.097	2924	2926	2928	rBV3	24451	19497	0.41%	0.032%
86	20.786	3039	3043	3049	rBV3	335731	531405	11.11%	0.860%
87	21.027	3078	3084	3089	rBV	3447552	4390766	91.83%	7.105%
88	21.233	3116	3119	3126	rBV	134133	184611	3.86%	0.299%
89	21.656	3187	3191	3196	rBV	285238	371017	7.76%	0.600%
90	22.091	3262	3265	3269	rVB	320515	379206	7.93%	0.614%
91	22.203	3280	3284	3291	rVB	699194	916884	19.18%	1.484%
92	22.297	3298	3300	3306	rVB4	205086	237300	4.96%	0.384%
93	22.562	3342	3345	3349	rBV2	506942	698003	14.60%	1.130%
94	22.603	3349	3352	3359	rVB	363569	555711	11.62%	0.899%
95	23.003	3414	3420	3430	rVB	2296819	3970436	83.04%	6.425%
96	23.091	3431	3435	3437	rVV	499843	701471	14.67%	1.135%
97	23.133	3437	3442	3451	rVB	2246603	3994610	83.55%	6.464%
98	23.685	3532	3536	3543	rVB	708422	1185750	24.80%	1.919%
99	23.756	3545	3548	3556	rVB3	218949	397520	8.31%	0.643%
100	25.168	3783	3788	3799	rVB3	417298	1068128	22.34%	1.728%

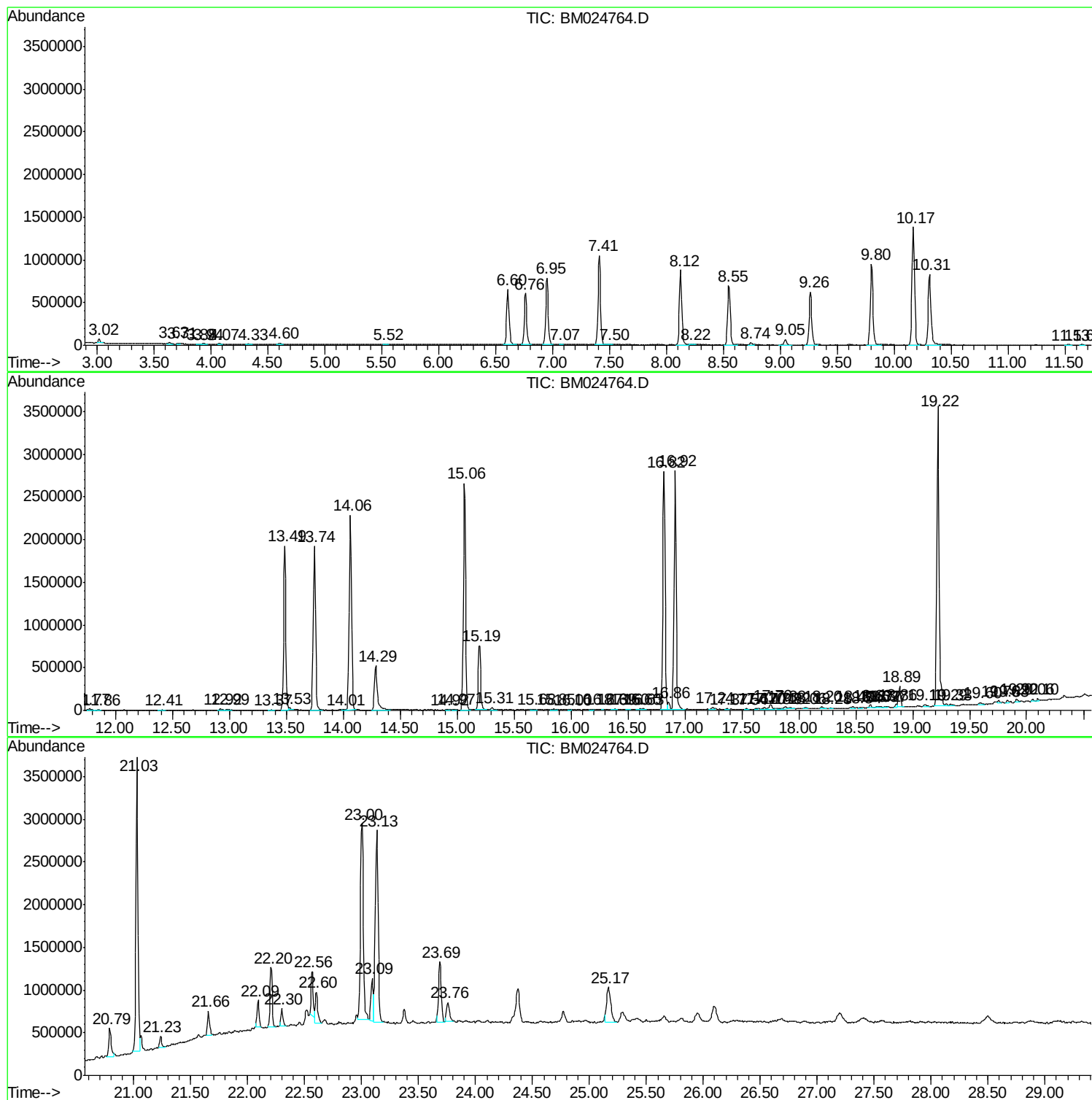
Sum of corrected areas: 61797275

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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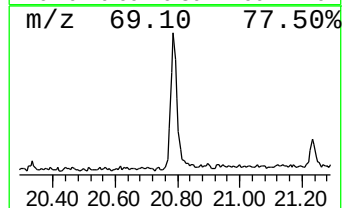
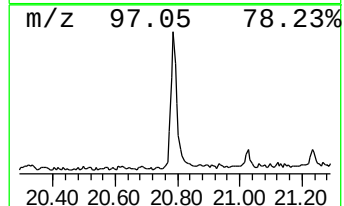
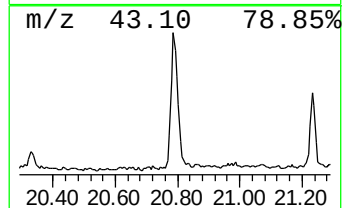
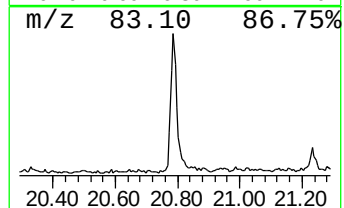
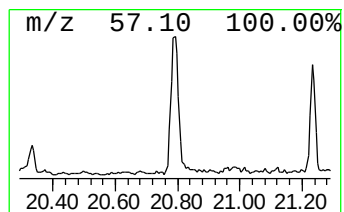
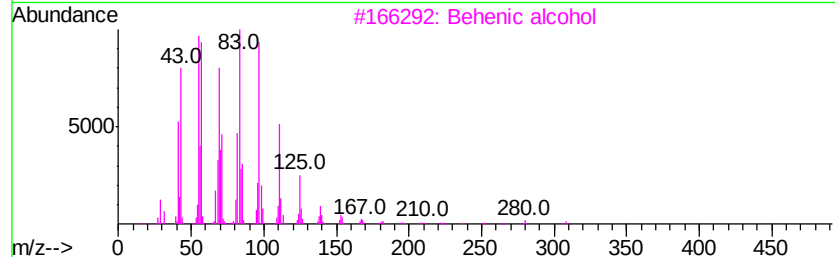
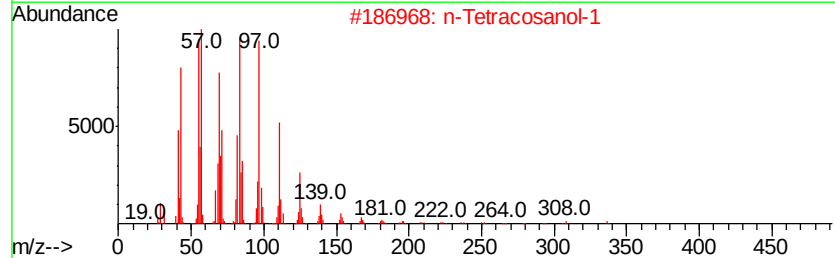
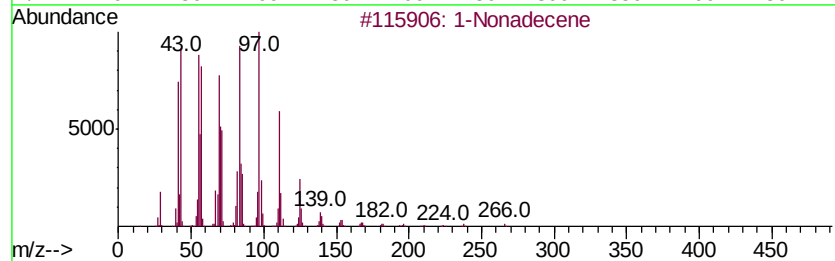
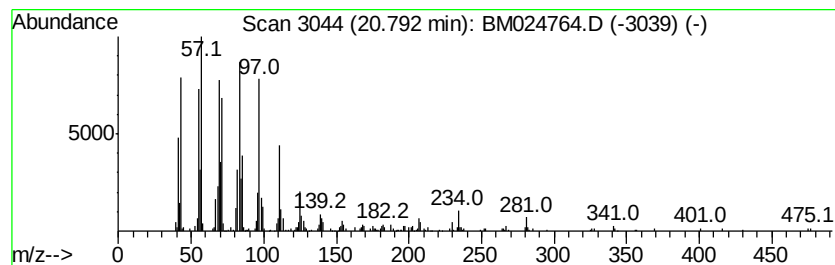
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	2.42 ng/ul	531405	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	95
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3		Behenic alcohol	326	C22H46O	000661-19-8	95
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5		1-Heptacosanol	396	C27H56O	002004-39-9	94



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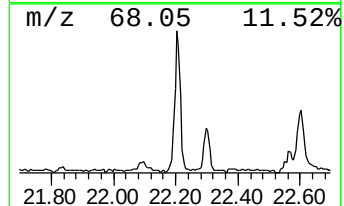
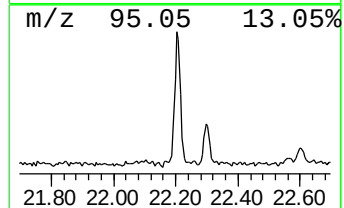
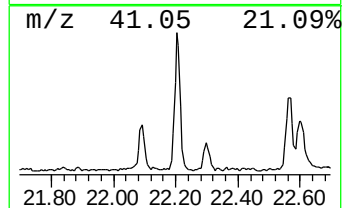
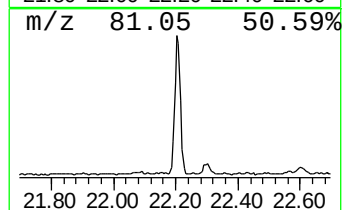
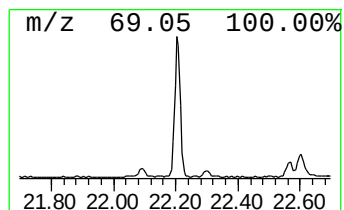
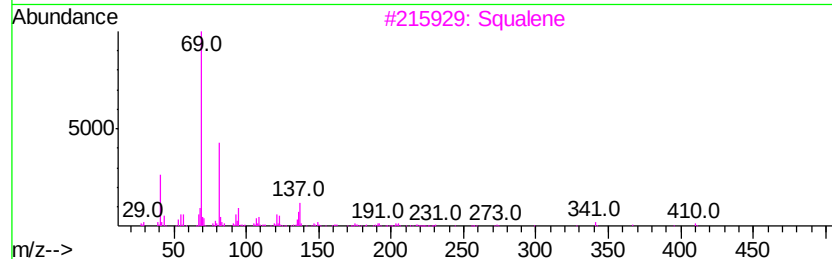
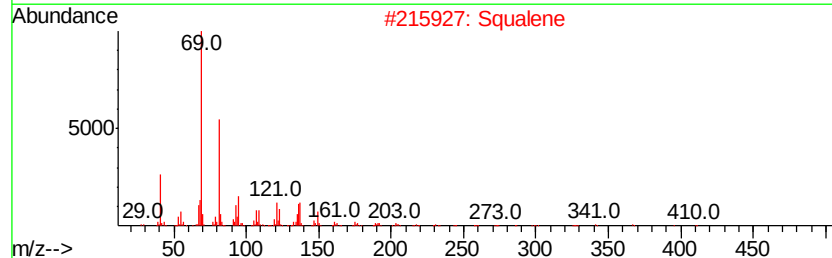
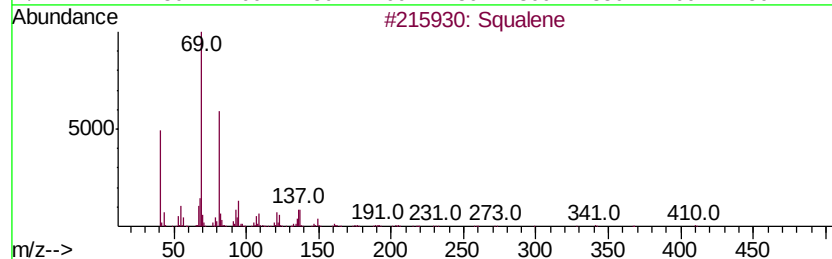
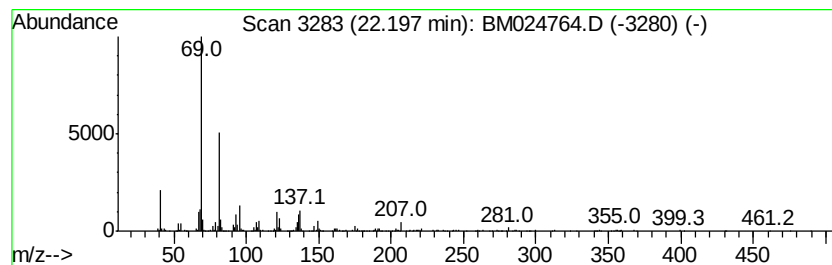
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	4.59 ng/ul	916884	Perylene-d12	23.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	000111-02-4 99
2	Squalene		410 C30H50	000111-02-4 96
3	Squalene		410 C30H50	000111-02-4 91
4	Supraene		410 C30H50	007683-64-9 91
5	Docosa-2,6,10,14,18-pentaen-22-a...		384 C27H44O	1000163-04-7 83



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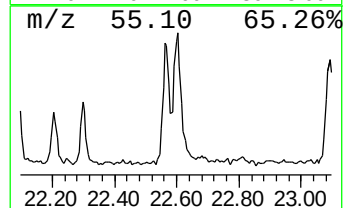
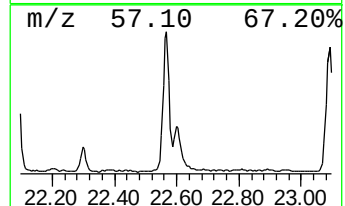
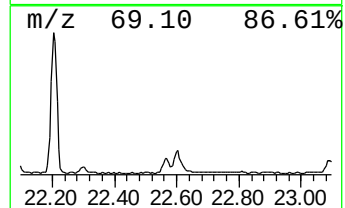
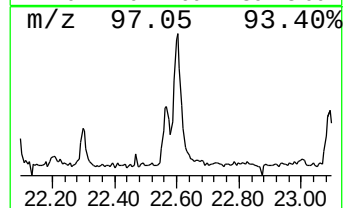
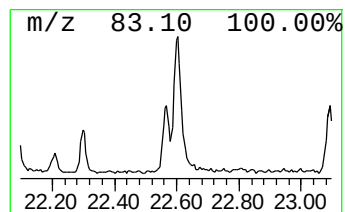
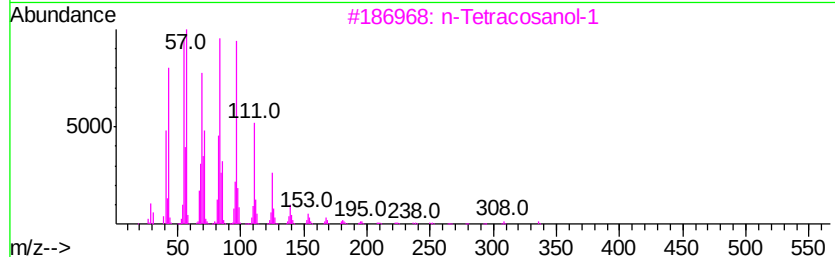
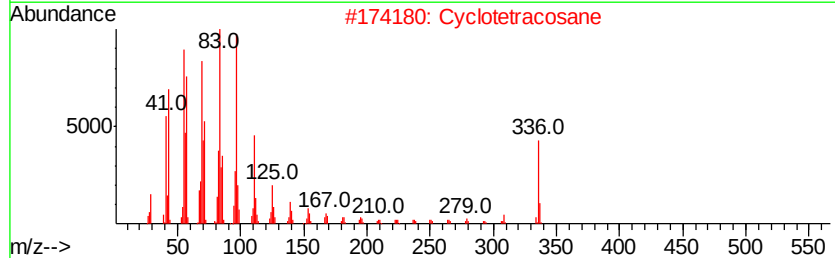
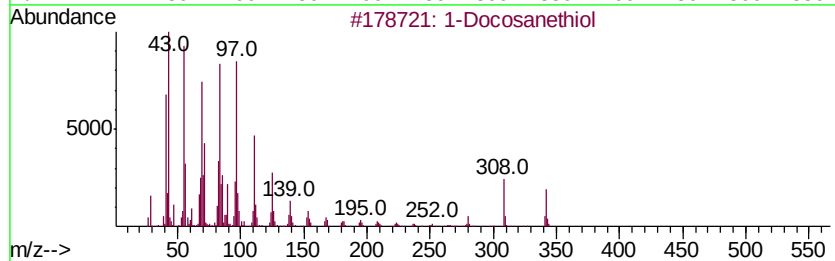
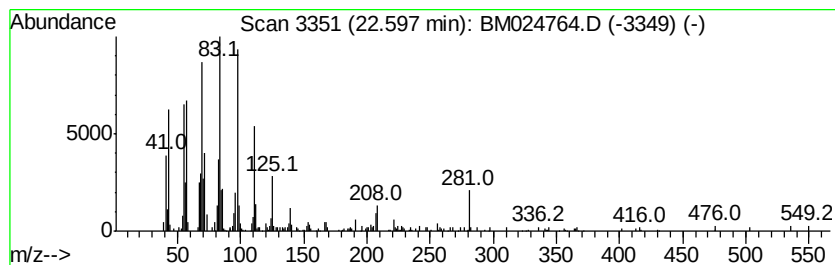
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Peak Number 3 1-Docosanethiol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	2.78 ng/ul	555711	Perylene-d12	23.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosanethiol	342 C22H46S	007773-83-3	91
2	Cyclotetracosane	336 C24H48	000297-03-0	90
3	n-Tetracosanol-1	354 C24H50O	000506-51-4	74
4	1-Octadecanol	270 C18H38O	000112-92-5	74
5	Octacosanol	410 C28H58O	000557-61-9	68



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Operator : CG/JU
Sample : L1399-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6G0

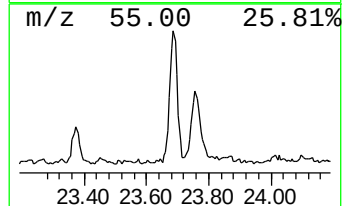
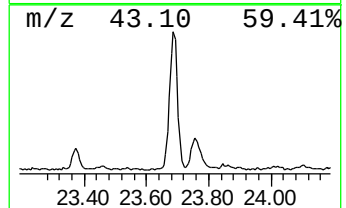
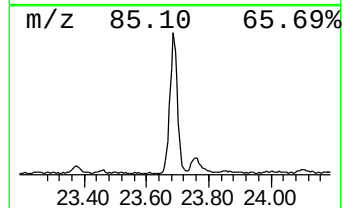
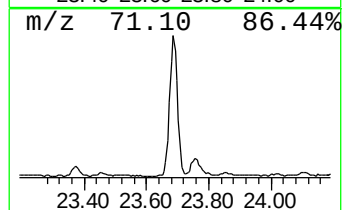
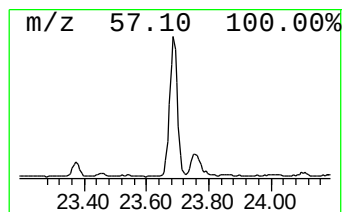
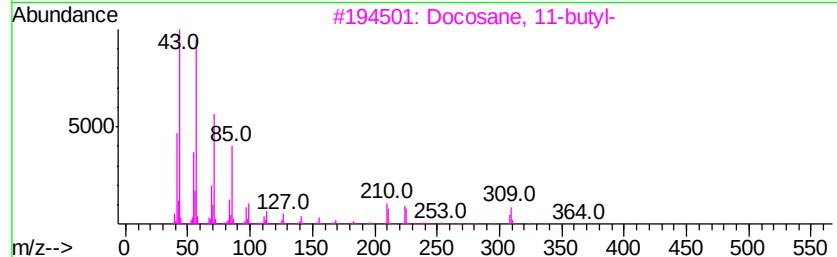
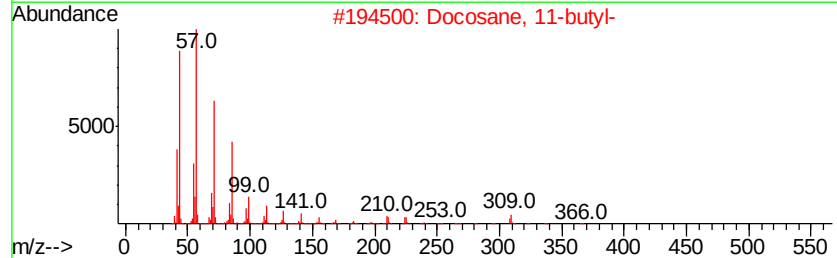
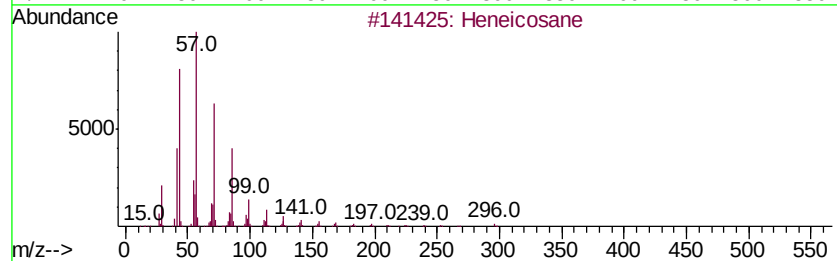
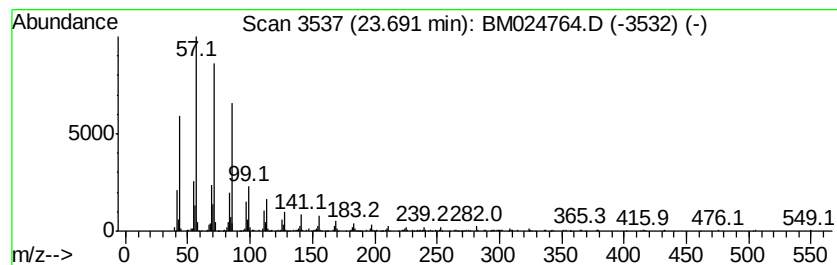
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	5.94 ng/ul	1185750	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	94
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	94
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024764.D
Acq On : 07 Feb 2020 16:51
Operator : CG/JU
Sample : L1399-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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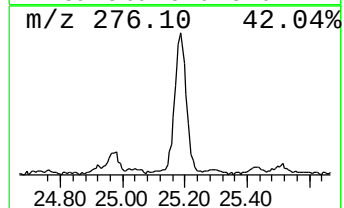
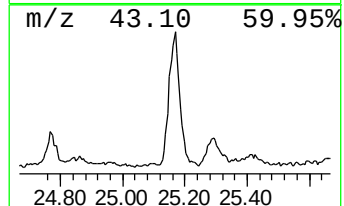
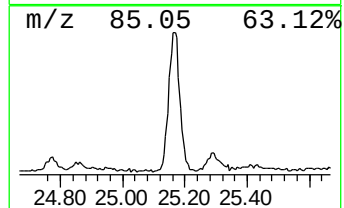
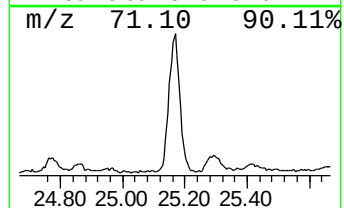
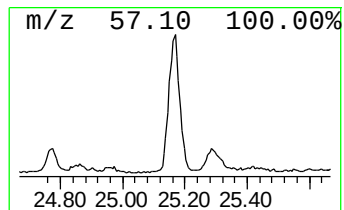
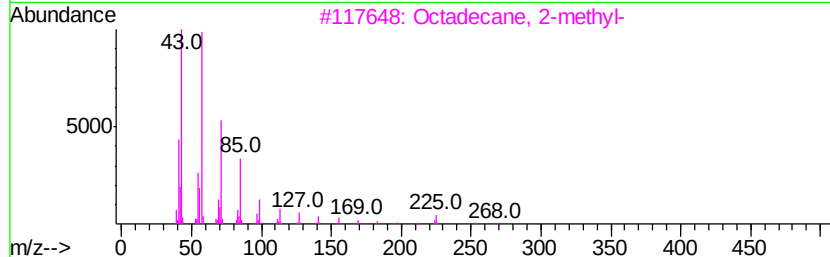
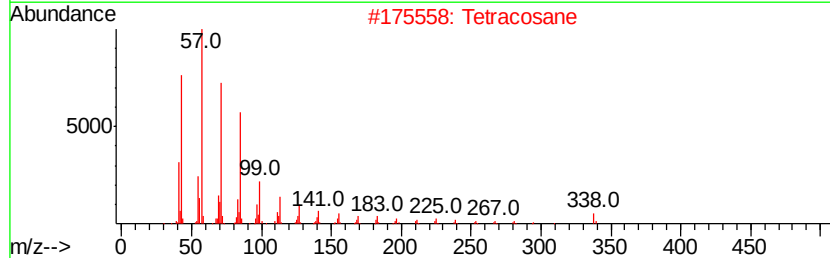
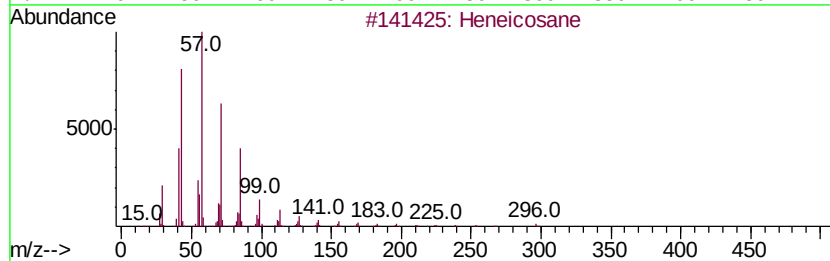
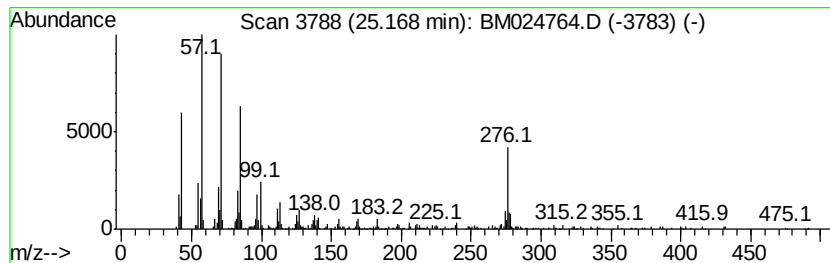
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.17	5.35 ng/ul	1068130	Perylene-d12	23.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	86
2		Tetracosane	338	C24H50	000646-31-1	70
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	70
4		triacontane	422	C30H62	000638-68-6	70
5		Hexadecane	226	C16H34	000544-76-3	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020620\
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Sample : L1399-09
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6G0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	20.79	2.4	ng/ul	531405	5	21.03	4390770	20.0
Squalene	22.20	4.6	ng/ul	916884	6	23.13	3994610	20.0
1-Docosanethiol	22.60	2.8	ng/ul	555711	6	23.13	3994610	20.0
(DEL) Alkane: Str...	23.69	5.9	ng/ul	1185750	6	23.13	3994610	20.0
(DEL) Alkane: Str...	25.17	5.3	ng/ul	1068130	6	23.13	3994610	20.0