

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024791.D
 Acq On : 08 Feb 2020 09:40
 Operator : CG/JU
 Sample : L1400-11
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6H7

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	3.017	19	22	30	rVB	38478	50680	0.99%	0.077%
2	3.634	122	127	132	rVB4	18090	28335	0.55%	0.043%
3	3.711	136	140	144	rBV	27118	30973	0.60%	0.047%
4	4.593	285	290	299	rVB2	31089	55080	1.07%	0.084%
5	6.599	620	631	641	rBV	543819	842432	16.40%	1.279%
6	6.758	652	658	672	rBV	513768	792891	15.43%	1.203%
7	6.946	682	690	698	rBV	624955	974342	18.97%	1.479%
8	7.405	761	768	777	rBV	1112259	1726434	33.61%	2.620%
9	7.493	779	783	789	rVB2	13731	23626	0.46%	0.036%
10	8.116	882	889	901	rBV	645343	1031370	20.08%	1.565%
11	8.540	951	961	973	rBV	596751	971877	18.92%	1.475%
12	8.734	989	994	1002	rBV3	45771	72710	1.42%	0.110%
13	9.034	1039	1045	1054	rBV	154987	229466	4.47%	0.348%
14	9.257	1073	1083	1090	rBV	513412	835970	16.27%	1.269%
15	9.793	1168	1174	1187	rBV	774893	1248941	24.31%	1.896%
16	10.157	1230	1236	1243	rBV	1480639	2421424	47.13%	3.675%
17	10.204	1243	1244	1250	rVB3	23052	27120	0.53%	0.041%
18	10.304	1253	1261	1281	rBV	705266	1289456	25.10%	1.957%
19	11.528	1462	1469	1474	rBV2	14028	23505	0.46%	0.036%
20	11.640	1480	1488	1493	rBV5	16313	30995	0.60%	0.047%
21	11.763	1504	1509	1517	rBV2	16361	28360	0.55%	0.043%
22	11.840	1517	1522	1530	rVB	17009	33662	0.66%	0.051%
23	12.063	1556	1560	1566	rVB	14384	23202	0.45%	0.035%
24	12.916	1700	1705	1708	rBV3	22616	29833	0.58%	0.045%
25	13.381	1778	1784	1789	rBV4	16241	28509	0.55%	0.043%
26	13.481	1795	1801	1806	rVV	1735751	2375295	46.24%	3.605%
27	13.528	1806	1809	1814	rVV	47812	73355	1.43%	0.111%
28	13.740	1836	1845	1859	rBV	1616166	2408946	46.89%	3.656%
29	14.010	1886	1891	1893	rVV2	18247	23587	0.46%	0.036%
30	14.057	1893	1899	1906	rVV	2418416	3452853	67.21%	5.240%
31	14.122	1906	1910	1921	rVB	41713	72005	1.40%	0.109%
32	14.281	1931	1937	1950	rBV	434373	803113	15.63%	1.219%
33	14.463	1963	1968	1973	rBV2	35717	57547	1.12%	0.087%
34	15.057	2063	2069	2075	rVV	2313670	3201466	62.32%	4.859%

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35	15.110	2075	2078	2085	rVB2	65168	91659	1.78%	0.139%
36	15.192	2085	2092	2100	rBV	637485	938877	18.28%	1.425%
37	15.298	2104	2110	2115	rVV4	25303	47900	0.93%	0.073%
38	15.563	2152	2155	2162	rVB3	18250	38556	0.75%	0.059%
39	15.675	2171	2174	2178	rVB3	16026	19844	0.39%	0.030%
40	15.839	2197	2202	2204	rBV4	11828	20178	0.39%	0.031%
41	16.133	2247	2252	2254	rVV5	12950	21665	0.42%	0.033%
42	16.181	2256	2260	2265	rVB5	10525	19246	0.37%	0.029%
43	16.381	2287	2294	2300	rVV5	55369	109573	2.13%	0.166%
44	16.469	2305	2309	2317	rVB3	29004	58307	1.13%	0.088%
45	16.557	2317	2324	2329	rBV3	20316	45966	0.89%	0.070%
46	16.628	2333	2336	2342	rVV	40174	58299	1.13%	0.088%
47	16.810	2359	2367	2371	rBV	2953539	4075625	79.33%	6.186%
48	16.851	2371	2374	2379	rVV	612368	793835	15.45%	1.205%
49	16.910	2379	2384	2396	rVB	2403272	3401737	66.22%	5.163%
50	17.216	2432	2436	2443	rBV2	38355	89871	1.75%	0.136%
51	17.528	2487	2489	2496	rVB6	12554	19526	0.38%	0.030%
52	17.686	2511	2516	2520	rVV	85215	120580	2.35%	0.183%
53	17.739	2520	2525	2532	rVB	127236	191807	3.73%	0.291%
54	17.816	2534	2538	2543	rVV2	49465	63543	1.24%	0.096%
55	17.875	2543	2548	2553	rBV2	120340	200766	3.91%	0.305%
56	17.916	2553	2555	2562	rVB	63000	79111	1.54%	0.120%
57	18.057	2574	2579	2582	rBV7	18675	28271	0.55%	0.043%
58	18.192	2598	2602	2607	rBV2	96066	141654	2.76%	0.215%
59	18.227	2607	2608	2614	rVB4	19846	21642	0.42%	0.033%
60	18.451	2638	2646	2650	rBV6	32975	67397	1.31%	0.102%
61	18.498	2652	2654	2657	rVV	26397	31695	0.62%	0.048%
62	18.539	2657	2661	2664	rVB2	20516	28467	0.55%	0.043%
63	18.622	2671	2675	2679	rBV2	78554	107910	2.10%	0.164%
64	18.686	2680	2686	2687	rBV4	32336	53486	1.04%	0.081%
65	18.757	2694	2698	2706	rVB3	55213	102970	2.00%	0.156%
66	18.880	2711	2719	2728	rVB	1056218	1399475	27.24%	2.124%
67	18.957	2730	2732	2736	rBV2	17054	21510	0.42%	0.033%
68	19.104	2749	2757	2758	rBV6	33811	59952	1.17%	0.091%
69	19.216	2770	2776	2779	rBV	2946198	4012023	78.09%	6.089%
70	19.245	2779	2781	2786	rVV	822604	892946	17.38%	1.355%
71	19.286	2786	2788	2791	rVV4	44821	54384	1.06%	0.083%

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72	19.322	2791	2794	2802	rVB2	68979	111914	2.18%	0.170%
73	19.433	2809	2813	2817	rBV	60039	73883	1.44%	0.112%
74	19.586	2833	2839	2845	rBV3	77552	180061	3.50%	0.273%
75	19.716	2857	2861	2864	rBV4	63286	117103	2.28%	0.178%
76	19.751	2864	2867	2871	rVB	121817	173743	3.38%	0.264%
77	19.827	2877	2880	2882	rBV3	48286	47484	0.92%	0.072%
78	19.851	2882	2884	2889	rVB	68177	68088	1.33%	0.103%
79	19.910	2889	2894	2899	rBV2	113887	185144	3.60%	0.281%
80	20.045	2914	2917	2922	rBV	85941	114044	2.22%	0.173%
81	20.092	2922	2925	2930	rBV3	56458	95596	1.86%	0.145%
82	20.327	2962	2965	2967	rBV2	68936	73801	1.44%	0.112%
83	20.504	2992	2995	3001	rBV	88610	133590	2.60%	0.203%
84	20.710	3027	3030	3032	rBV	71122	78300	1.52%	0.119%
85	20.780	3038	3042	3054	rBV2	856136	1318164	25.66%	2.001%
86	21.021	3077	3083	3087	rBV	3807130	5137381	100.00%	7.797%
87	21.057	3087	3089	3097	rVB	521724	626661	12.20%	0.951%
88	21.227	3115	3118	3123	rBV	209967	240534	4.68%	0.365%
89	21.651	3186	3190	3196	rBV2	393850	592659	11.54%	0.899%
90	22.080	3260	3263	3268	rVB	330378	398510	7.76%	0.605%
91	22.198	3279	3283	3289	rVB	593392	716045	13.94%	1.087%
92	22.292	3296	3299	3303	rVB4	194352	238514	4.64%	0.362%
93	22.510	3332	3336	3340	rBV	436495	833555	16.23%	1.265%
94	22.557	3340	3344	3347	rVV2	721035	1073100	20.89%	1.629%
95	22.592	3347	3350	3358	rVB2	385183	613455	11.94%	0.931%
96	22.992	3413	3418	3423	rBV	1817240	2936156	57.15%	4.456%
97	23.080	3430	3433	3435	rBV	307705	395951	7.71%	0.601%
98	23.121	3435	3440	3455	rVB	2499558	4568419	88.93%	6.934%
99	23.674	3530	3534	3540	rVB	626640	1033798	20.12%	1.569%
100	23.745	3542	3546	3558	rVB3	447162	863281	16.80%	1.310%

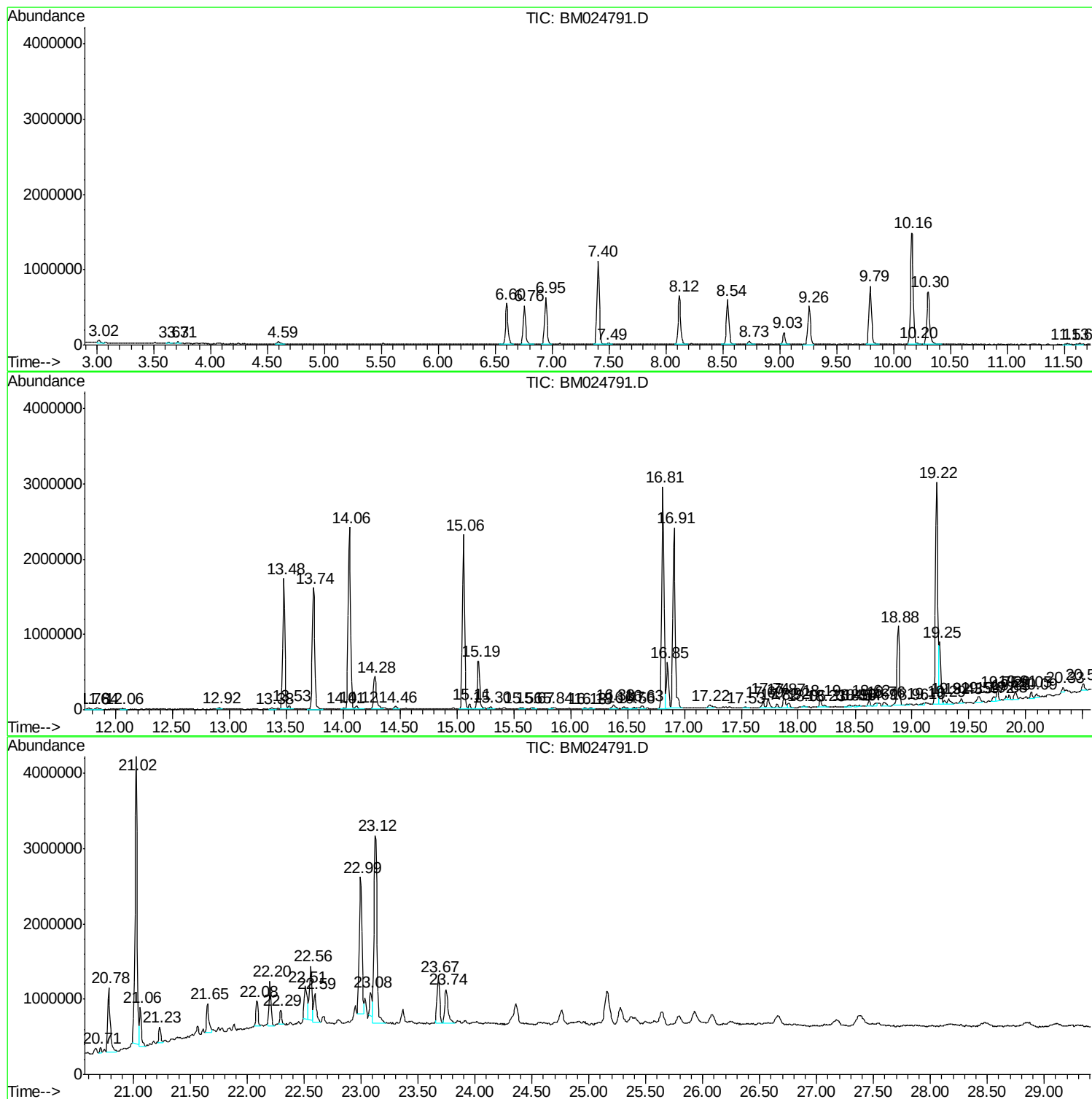
Sum of corrected areas: 65888547

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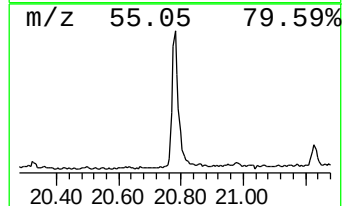
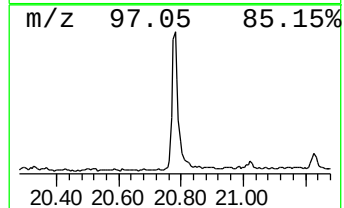
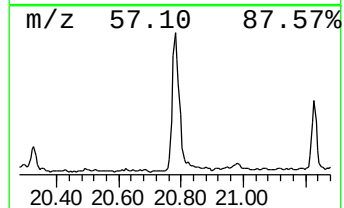
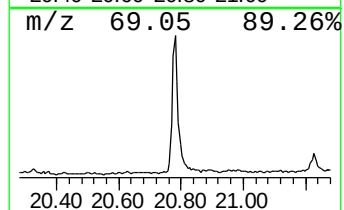
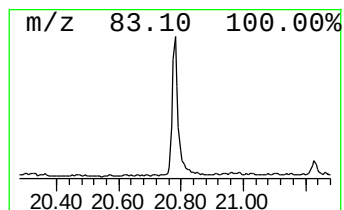
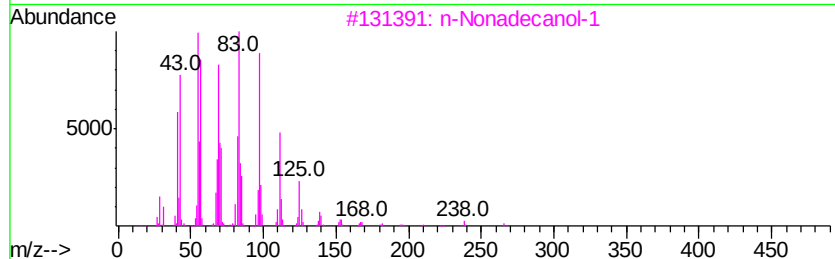
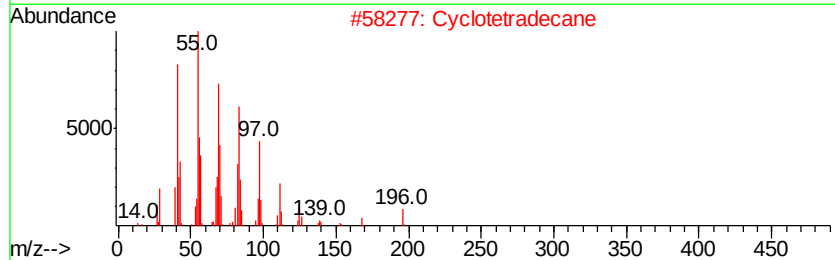
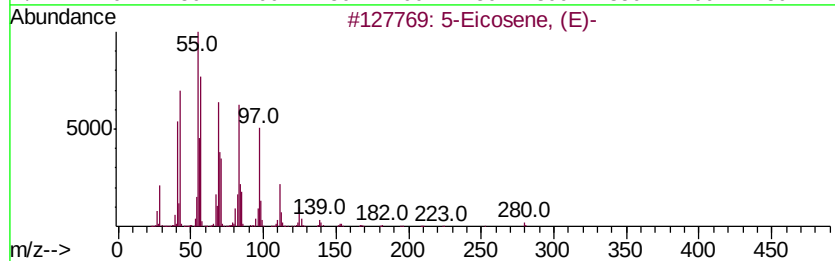
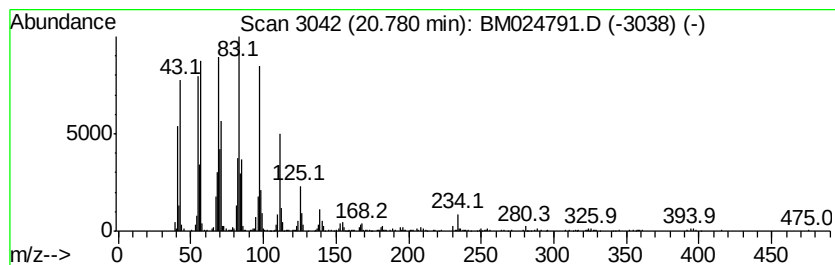
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	5.13 ng/ul	1318160	Chrysene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2		Cyclotetradecane	196	C14H28	000295-17-0	97
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4		5-Octadecene, (E)-	252	C18H36	007206-21-5	93
5		Behenic alcohol	326	C22H46O	000661-19-8	93



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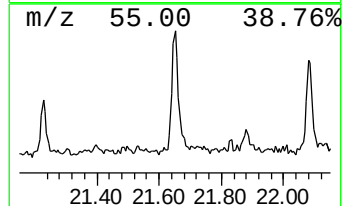
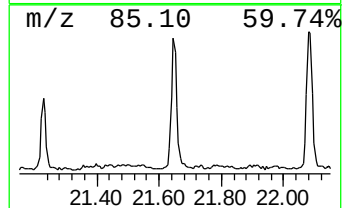
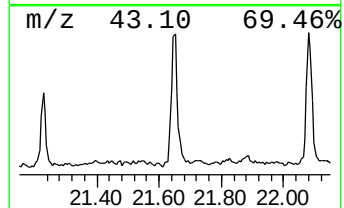
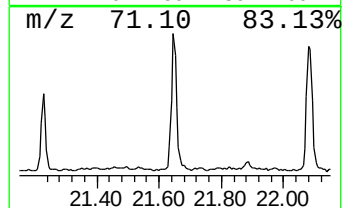
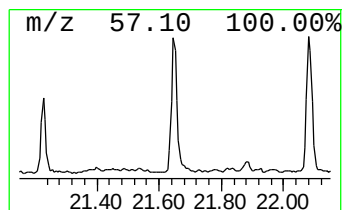
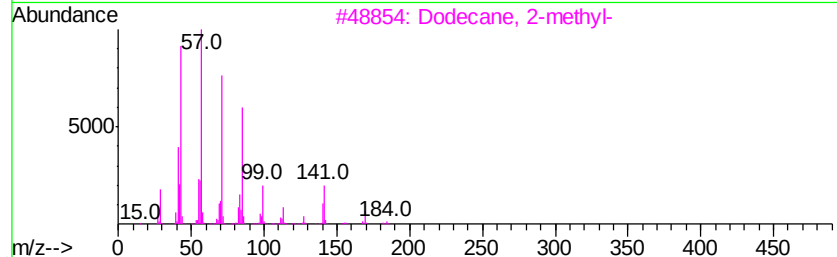
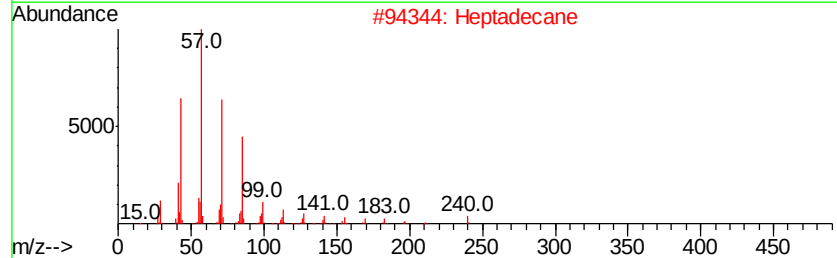
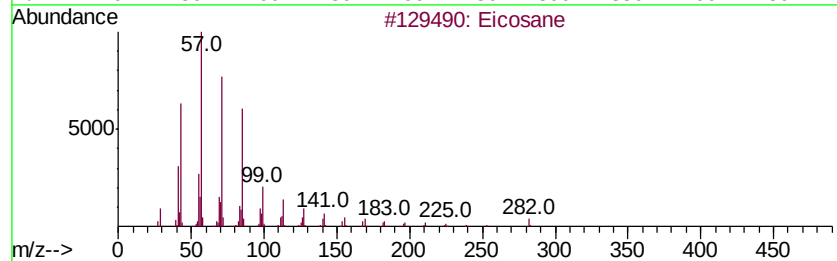
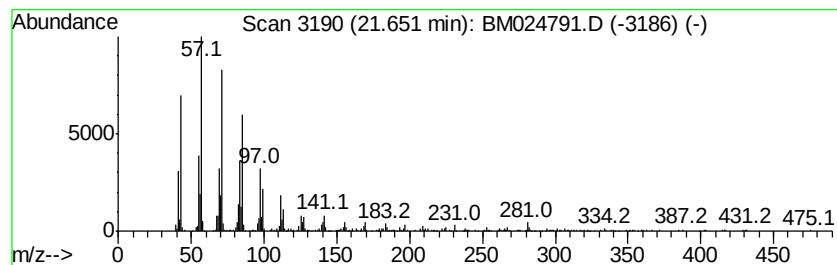
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.65	2.31 ng/ul	592659	Chrysene-d12		21.02
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heptadecane	240	C17H36	000629-78-7	93
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4	Eicosane	282	C20H42	000112-95-8	89
5	Hexacosane	366	C26H54	000630-01-3	83



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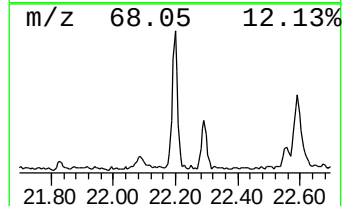
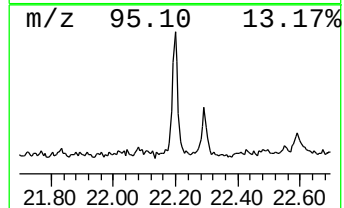
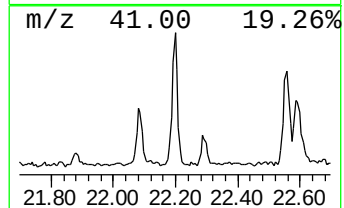
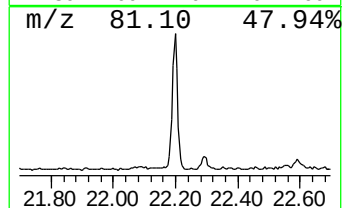
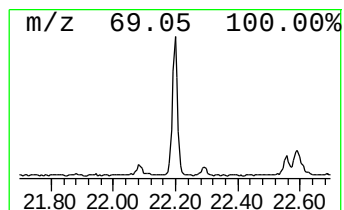
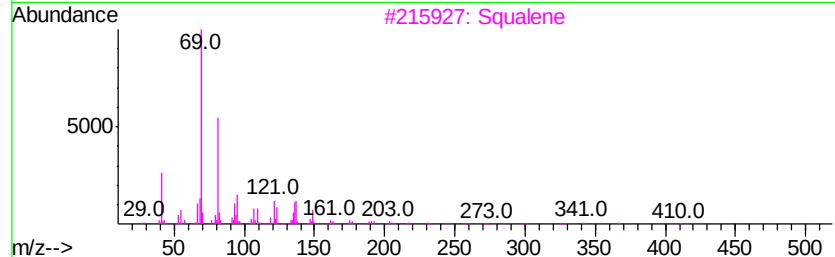
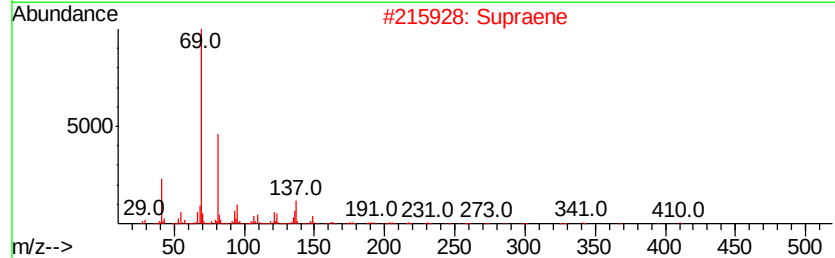
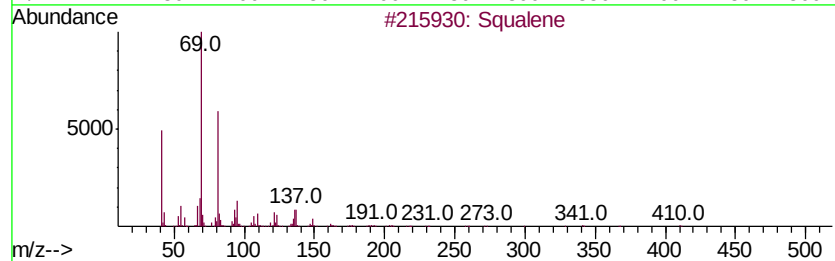
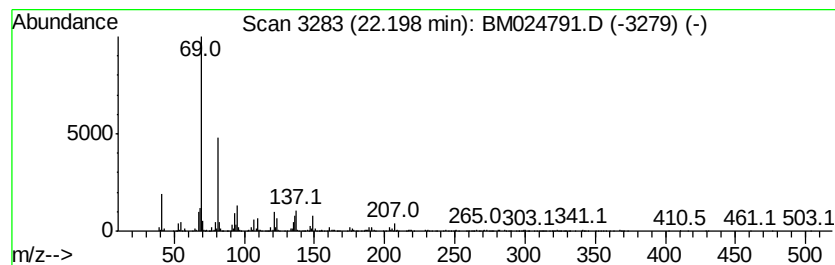
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Peak Number 3 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	3.13 ng/ul	716045	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	99
2		Supraene	410	C30H50	007683-64-9	95
3		Squalene	410	C30H50	000111-02-4	95
4		Squalene	410	C30H50	000111-02-4	86
5		Squalene	410	C30H50	000111-02-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
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Acq On : 08 Feb 2020 09:40
Operator : CG/JU
Sample : L1400-11
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6H7

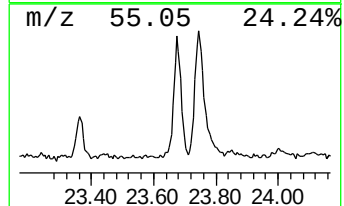
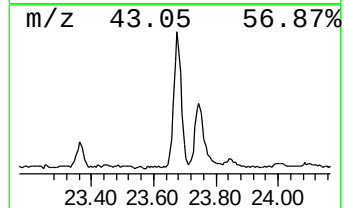
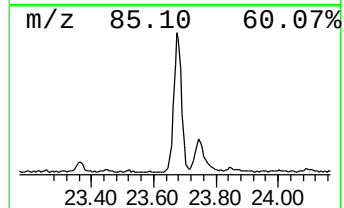
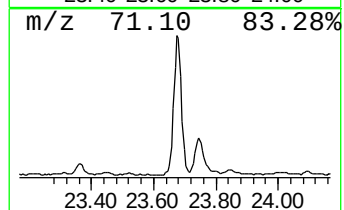
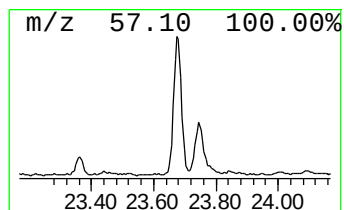
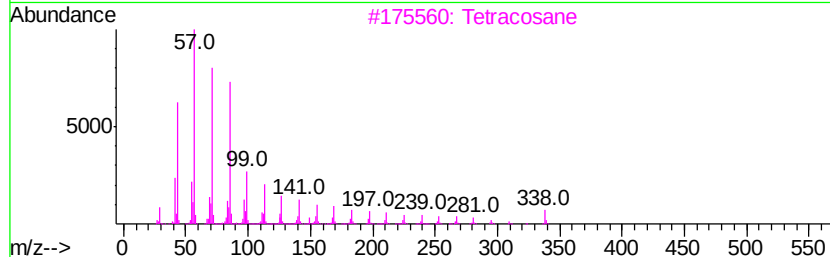
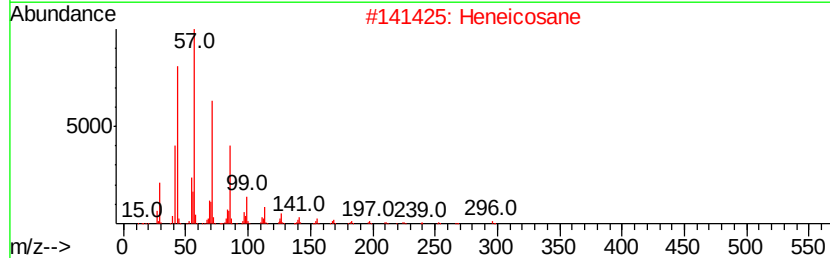
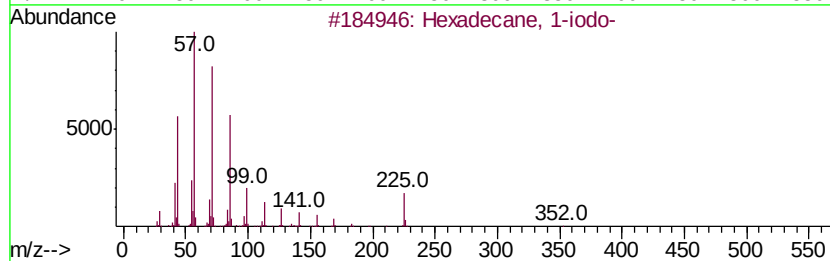
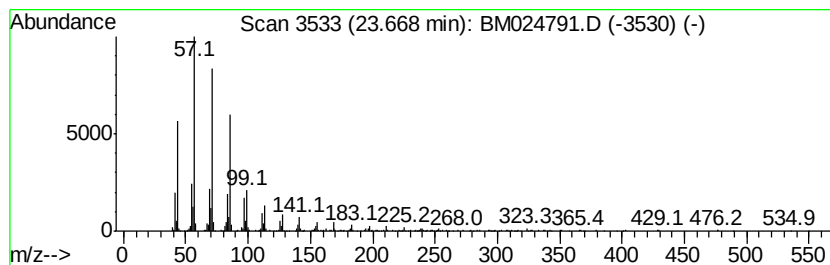
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Hexadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	4.53 ng/ul	1033800	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
2		Heneicosane	296	C21H44	000629-94-7	92
3		Tetracosane	338	C24H50	000646-31-1	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heneicosane	296	C21H44	000629-94-7	90



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Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6H7

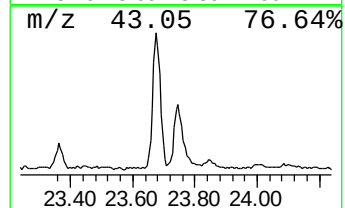
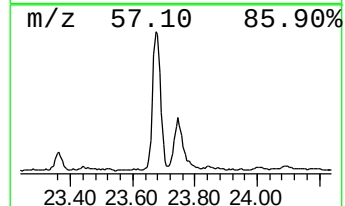
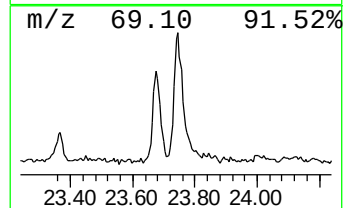
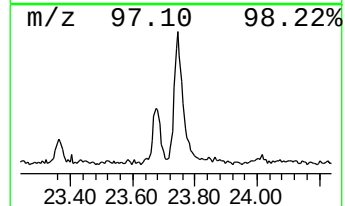
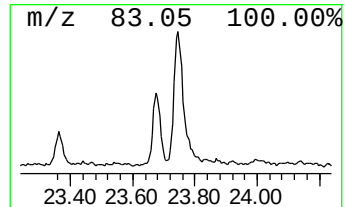
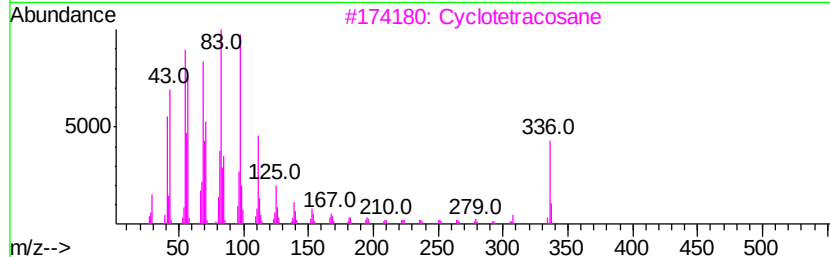
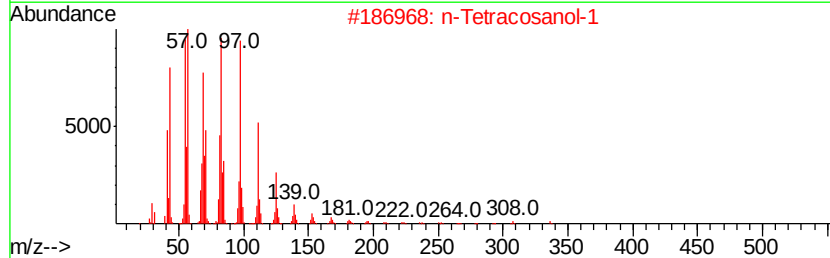
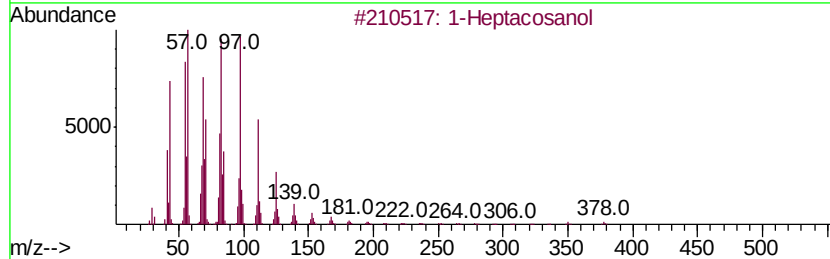
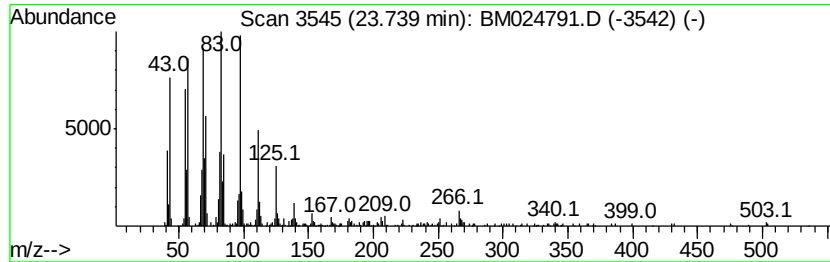
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	3.78 ng/ul	863281	Perylene-d12	23.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heptacosanol	396	C27H56O	002004-39-9	93
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3		Cyclotetracosane	336	C24H48	000297-03-0	92
4		Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	91
5		Octacosanol	410	C28H58O	000557-61-9	91



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Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6H7

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...	20.78	5.1	ng/ul	1318160	5	21.02	5137380	20.0
(DEL) Alkane: Str...	21.65	2.3	ng/ul	592659	5	21.02	5137380	20.0
Squalene	22.20	3.1	ng/ul	716045	6	23.13	4568420	20.0
Hexadecane, 1-iodo-	23.67	4.5	ng/ul	1033800	6	23.13	4568420	20.0
1-Heptacosanol	23.74	3.8	ng/ul	863281	6	23.13	4568420	20.0