

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024785.D
 Acq On : 08 Feb 2020 06:04
 Operator : CG/JU
 Sample : L1400-05
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6H1

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	18	22	29	rVB	44959	57931	1.15%	0.078%
2	3.710	136	140	145	rVB	35560	41540	0.82%	0.056%
3	3.928	173	177	184	rVB	33063	43975	0.87%	0.059%
4	4.322	239	244	252	rBV	21748	33995	0.67%	0.046%
5	4.593	286	290	296	rBV	28776	41408	0.82%	0.055%
6	6.598	625	631	640	rVB	670588	1058667	21.02%	1.418%
7	6.757	652	658	672	rVB	626904	952745	18.92%	1.276%
8	6.945	683	690	702	rBV	812331	1259186	25.00%	1.686%
9	7.128	717	721	728	rVB5	13789	28242	0.56%	0.038%
10	7.404	761	768	779	rBV	1084494	1681537	33.39%	2.252%
11	8.116	882	889	901	rBV	882999	1424206	28.28%	1.907%
12	8.539	954	961	970	rBV	726033	1192357	23.67%	1.597%
13	8.734	988	994	1002	rBV	86400	131067	2.60%	0.176%
14	9.039	1040	1046	1051	rBV	106107	154192	3.06%	0.207%
15	9.257	1076	1083	1090	rBV	651631	1043276	20.71%	1.397%
16	9.792	1168	1174	1187	rVV	1001389	1661233	32.98%	2.225%
17	10.163	1230	1237	1243	rBV	1432803	2339344	46.45%	3.133%
18	10.204	1243	1244	1250	rVB2	24028	28867	0.57%	0.039%
19	10.304	1254	1261	1279	rBV	856895	1545795	30.69%	2.070%
20	11.639	1485	1488	1494	rVB2	24568	38276	0.76%	0.051%
21	11.763	1504	1509	1515	rBV2	24939	40146	0.80%	0.054%
22	11.839	1517	1522	1529	rBV3	20042	35347	0.70%	0.047%
23	12.063	1555	1560	1565	rBV2	21588	35298	0.70%	0.047%
24	12.916	1701	1705	1709	rVV2	31935	43360	0.86%	0.058%
25	13.380	1778	1784	1788	rVB2	34675	58273	1.16%	0.078%
26	13.427	1788	1792	1796	rBV3	18705	28921	0.57%	0.039%
27	13.480	1796	1801	1807	rVV	1981829	2684521	53.30%	3.595%
28	13.527	1807	1809	1813	rVV	48913	64137	1.27%	0.086%
29	13.610	1822	1823	1834	rVB5	16722	33723	0.67%	0.045%
30	13.745	1837	1846	1858	rVV	2046742	3061286	60.78%	4.100%
31	14.010	1886	1891	1893	rVV	24512	33682	0.67%	0.045%
32	14.057	1893	1899	1906	rVV	2324683	3333041	66.18%	4.464%
33	14.121	1906	1910	1919	rVV	52957	91994	1.83%	0.123%
34	14.280	1931	1937	1951	rBV	568848	986406	19.59%	1.321%

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35	14.463	1964	1968	1974	rBV3	36823	61851	1.23%	0.083%
36	14.968	2050	2054	2058	rVB2	22191	28204	0.56%	0.038%
37	15.063	2063	2070	2075	rBV	2838206	3901780	77.47%	5.226%
38	15.115	2075	2079	2085	rVB2	69851	104167	2.07%	0.140%
39	15.192	2085	2092	2099	rBV	761977	1061550	21.08%	1.422%
40	15.304	2104	2111	2114	rVV2	28121	50837	1.01%	0.068%
41	15.568	2151	2156	2158	rBV2	15874	30038	0.60%	0.040%
42	15.674	2171	2174	2178	rVB3	33794	42113	0.84%	0.056%
43	15.845	2199	2203	2204	rVV4	24013	38196	0.76%	0.051%
44	15.857	2204	2205	2209	rVB2	28928	28080	0.56%	0.038%
45	16.374	2285	2293	2300	rBV5	27219	73826	1.47%	0.099%
46	16.468	2305	2309	2312	rBV	24969	34133	0.68%	0.046%
47	16.568	2320	2326	2330	rBV4	27397	53842	1.07%	0.072%
48	16.627	2333	2336	2340	rVB2	54888	64467	1.28%	0.086%
49	16.809	2357	2367	2371	rBV	2787271	3890342	77.24%	5.210%
50	16.851	2371	2374	2379	rVB	626935	826982	16.42%	1.108%
51	16.909	2379	2384	2389	rBV2	2858955	3867941	76.80%	5.180%
52	17.133	2418	2422	2426	rVB	63272	72859	1.45%	0.098%
53	17.221	2432	2437	2443	rBV	47793	105559	2.10%	0.141%
54	17.533	2487	2490	2497	rVB7	18455	34821	0.69%	0.047%
55	17.692	2512	2517	2521	rBV	97679	148793	2.95%	0.199%
56	17.739	2521	2525	2531	rVB	131194	199316	3.96%	0.267%
57	17.815	2534	2538	2543	rVB3	49712	66932	1.33%	0.090%
58	17.880	2543	2549	2553	rBV2	136837	224588	4.46%	0.301%
59	17.921	2553	2556	2560	rVB2	64371	83668	1.66%	0.112%
60	18.056	2574	2579	2583	rVV5	35156	52987	1.05%	0.071%
61	18.198	2599	2603	2607	rBV	93084	134434	2.67%	0.180%
62	18.451	2643	2646	2652	rBV6	28390	49313	0.98%	0.066%
63	18.498	2652	2654	2658	rVV2	29864	40196	0.80%	0.054%
64	18.539	2658	2661	2666	rVB2	27977	39007	0.77%	0.052%
65	18.621	2671	2675	2680	rBV3	77584	114160	2.27%	0.153%
66	18.680	2680	2685	2686	rBV2	34999	46995	0.93%	0.063%
67	18.703	2687	2689	2694	rVB3	46258	68367	1.36%	0.092%
68	18.756	2695	2698	2707	rVB5	46226	89624	1.78%	0.120%
69	18.880	2711	2719	2726	rVB	1053556	1410868	28.01%	1.890%
70	18.962	2729	2733	2735	rBV4	29157	43028	0.85%	0.058%
71	19.215	2770	2776	2780	rBV	3515700	5036493	100.00%	6.746%

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72	19.286	2786	2788	2791	rVB3	46744	48140	0.96%	0.064%
73	19.321	2791	2794	2804	rVB2	51182	110357	2.19%	0.148%
74	19.433	2810	2813	2817	rBV	47665	59783	1.19%	0.080%
75	19.586	2835	2839	2846	rVB4	59622	113790	2.26%	0.152%
76	19.715	2858	2861	2864	rBV4	51612	85473	1.70%	0.114%
77	19.750	2864	2867	2871	rVB2	122615	162382	3.22%	0.217%
78	19.827	2877	2880	2882	rBV3	57368	61604	1.22%	0.083%
79	19.856	2882	2885	2888	rVB	78079	90476	1.80%	0.121%
80	19.909	2890	2894	2899	rVV2	102194	137791	2.74%	0.185%
81	20.050	2915	2918	2922	rVB	60222	67332	1.34%	0.090%
82	20.097	2922	2926	2930	rBV	62140	106332	2.11%	0.142%
83	20.709	3027	3030	3033	rBV	73077	79924	1.59%	0.107%
84	20.780	3038	3042	3054	rVV2	701627	1146054	22.76%	1.535%
85	21.021	3077	3083	3087	rBV2	3570410	4893577	97.16%	6.554%
86	21.056	3087	3089	3098	rVB	485536	592534	11.76%	0.794%
87	21.227	3116	3118	3124	rBV2	136334	145259	2.88%	0.195%
88	21.650	3187	3190	3197	rBV3	371281	556916	11.06%	0.746%
89	22.086	3261	3264	3269	rVB	250768	280151	5.56%	0.375%
90	22.291	3296	3299	3304	rVB	671107	834215	16.56%	1.117%
91	22.509	3332	3336	3340	rBV	446832	859745	17.07%	1.151%
92	22.556	3341	3344	3347	rVV2	849609	1225611	24.33%	1.641%
93	22.591	3347	3350	3360	rVB	1217370	1890242	37.53%	2.532%
94	22.733	3371	3374	3380	rVB	302749	413287	8.21%	0.554%
95	22.997	3413	3419	3423	rBV	2255226	3623564	71.95%	4.853%
96	23.086	3430	3434	3436	rBV	360712	538297	10.69%	0.721%
97	23.127	3436	3441	3452	rVB	2435512	4195025	83.29%	5.619%
98	23.680	3530	3535	3541	rVB	1196494	2042690	40.56%	2.736%
99	23.744	3542	3546	3557	rVB	532166	1068386	21.21%	1.431%
100	25.162	3781	3787	3797	rVB2	645705	1726841	34.29%	2.313%

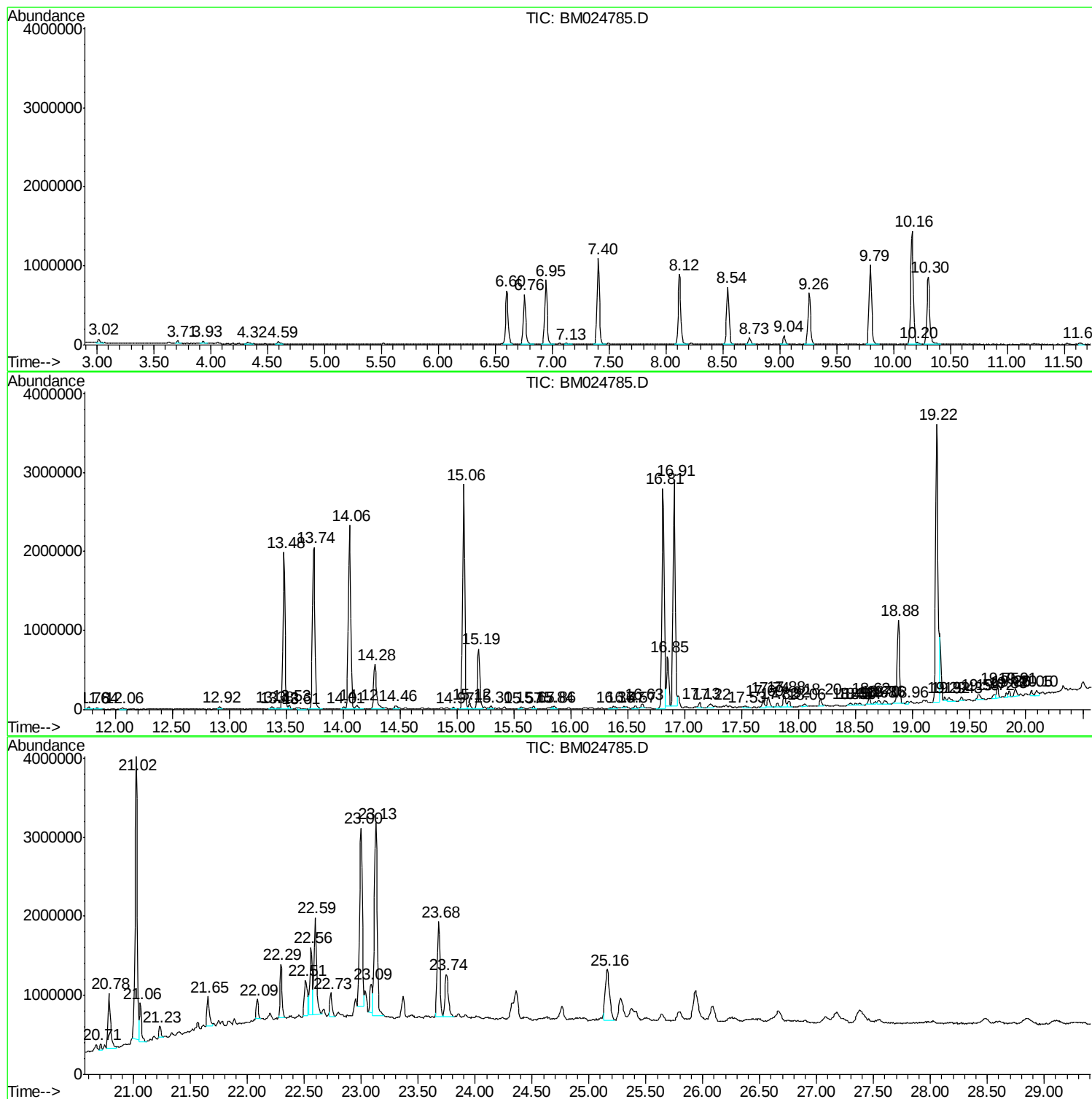
Sum of corrected areas: 74664109

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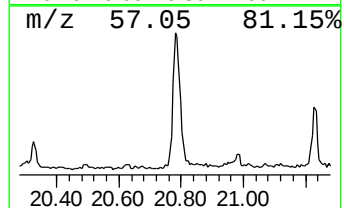
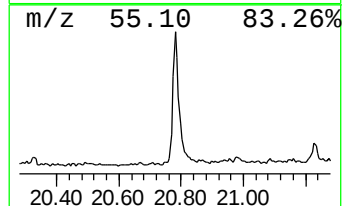
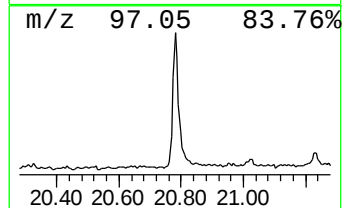
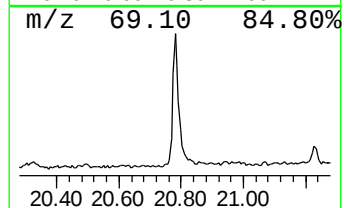
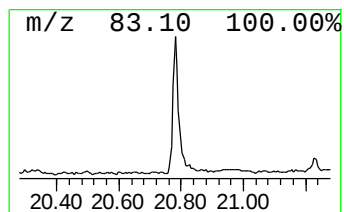
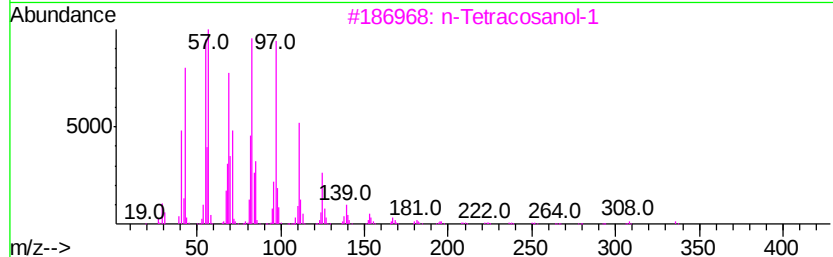
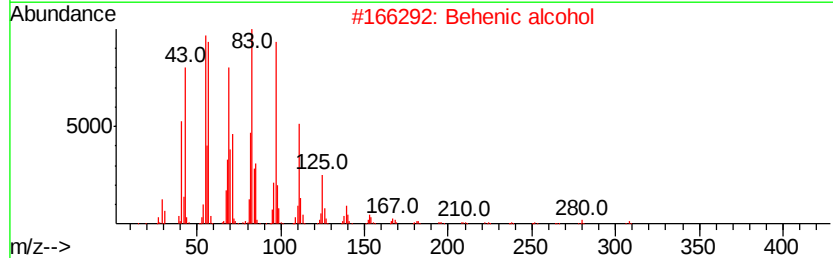
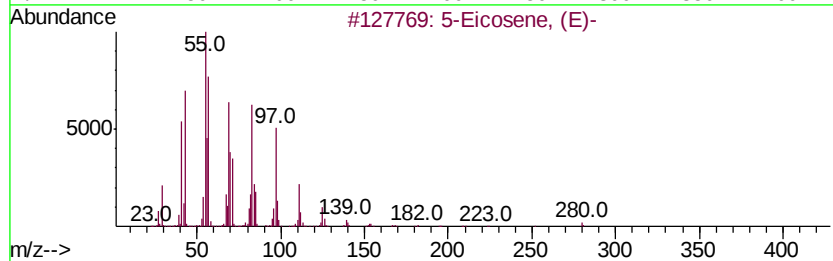
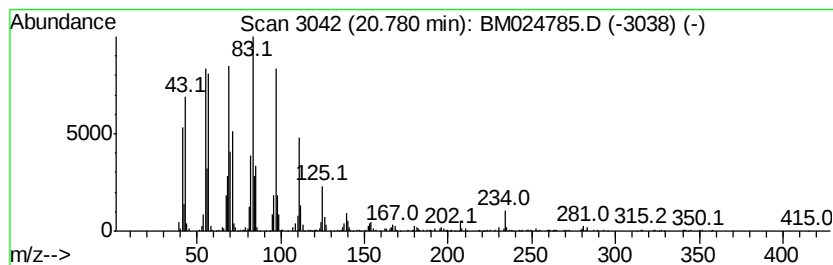
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.78	4.68 ng/ul	1146050	Chrysene-d12	21.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	Cyclopentadecane	210	C15H30	000295-48-7	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94



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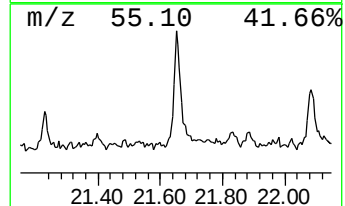
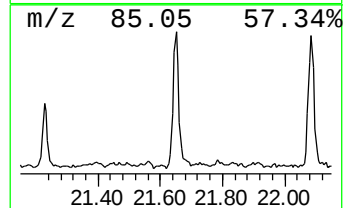
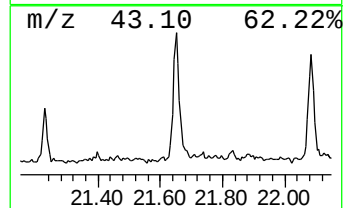
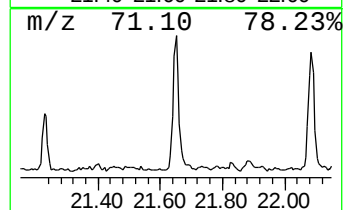
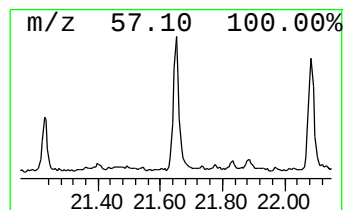
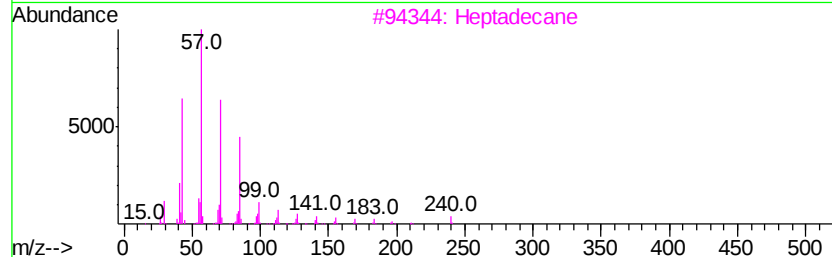
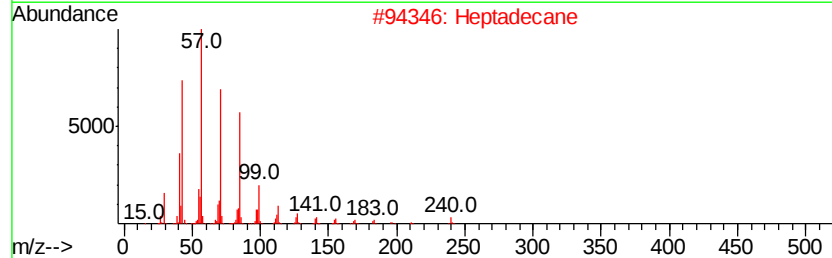
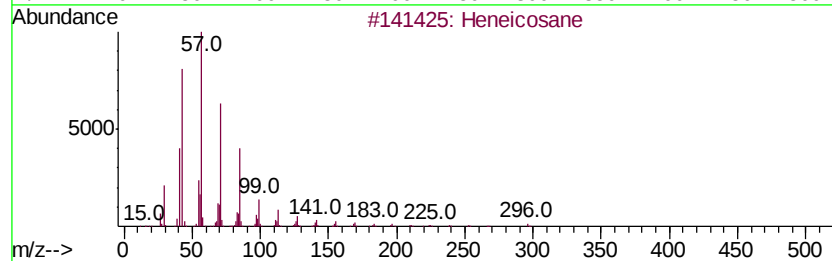
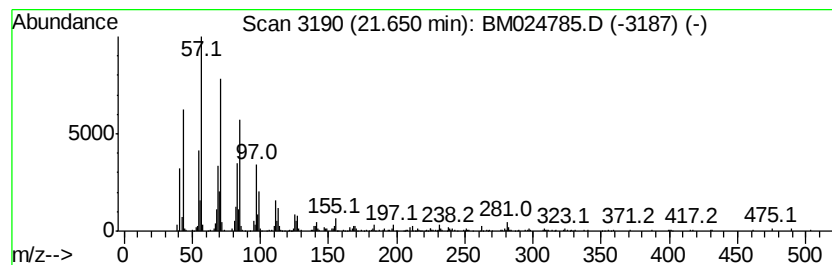
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	2.28 ng/ul	556916	Chrysene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Heptadecane	240	C17H36	000629-78-7	93
3		Heptadecane	240	C17H36	000629-78-7	89
4		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	87
5		Hexacosane	366	C26H54	000630-01-3	83



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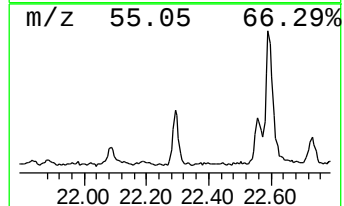
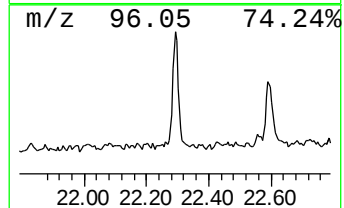
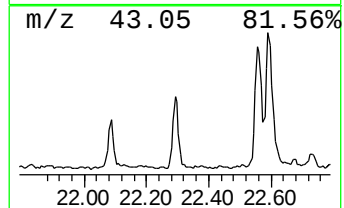
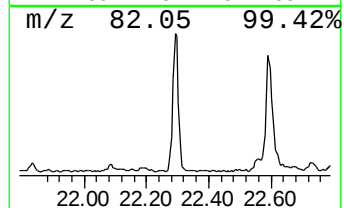
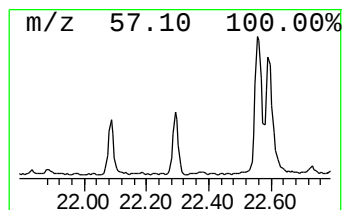
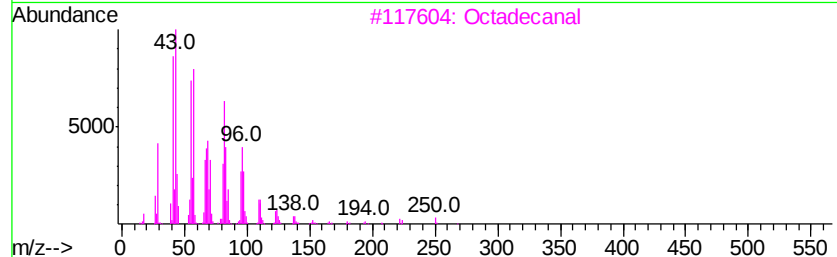
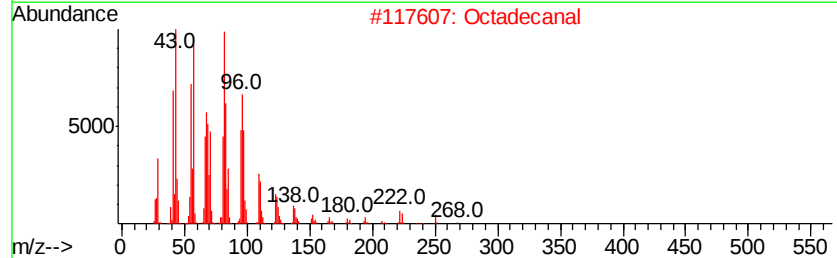
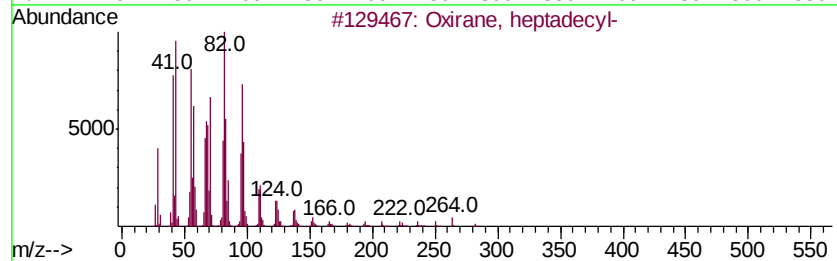
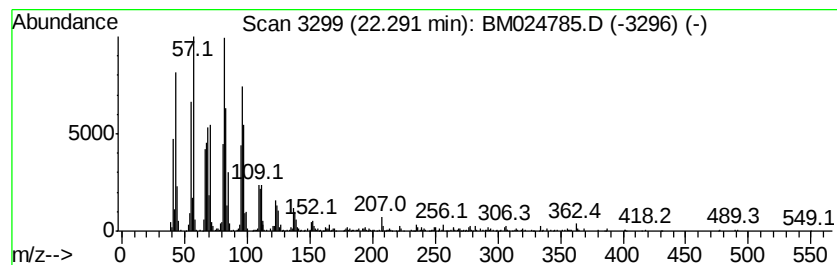
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Peak Number 3 Oxirane, heptadecyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
22.29	3.98 ng/ul	834215	Perylene-d12		23.13	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-		282	C19H38O	067860-04-2	94
2	Octadecanal		268	C18H36O	000638-66-4	94
3	Octadecanal		268	C18H36O	000638-66-4	93
4	Tetradecanal		212	C14H28O	000124-25-4	93
5	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024785.D
Acq On : 08 Feb 2020 06:04
Operator : CG/JU
Sample : L1400-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6H1

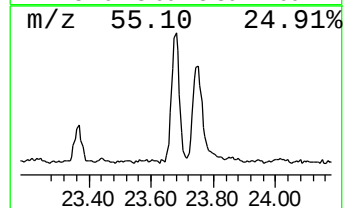
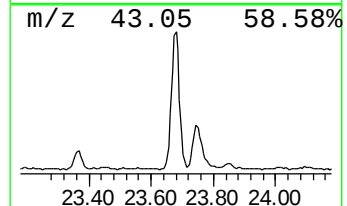
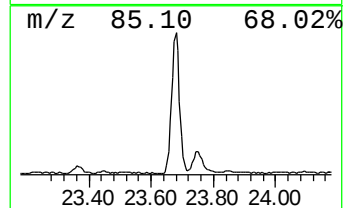
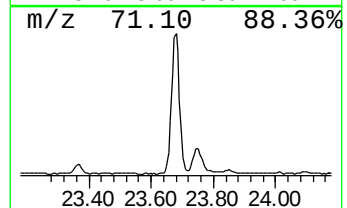
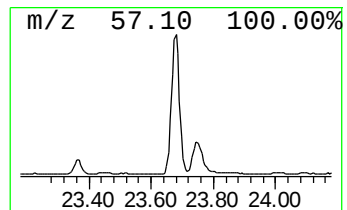
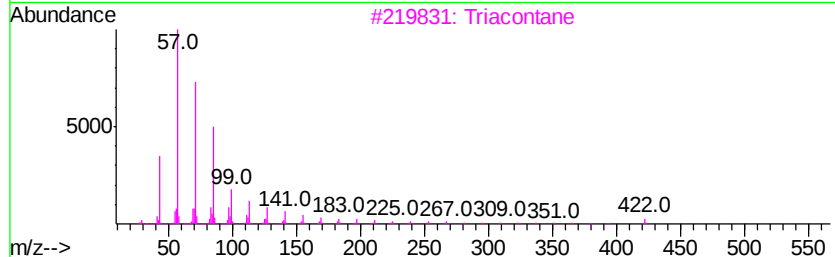
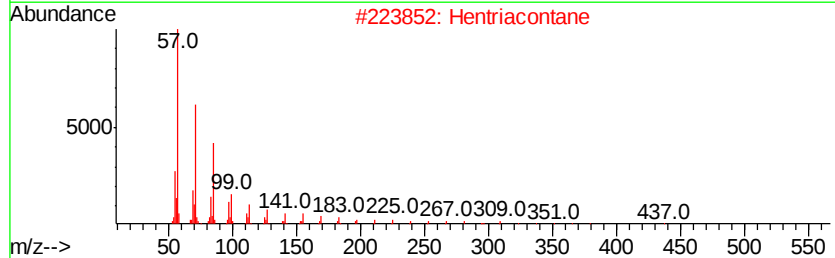
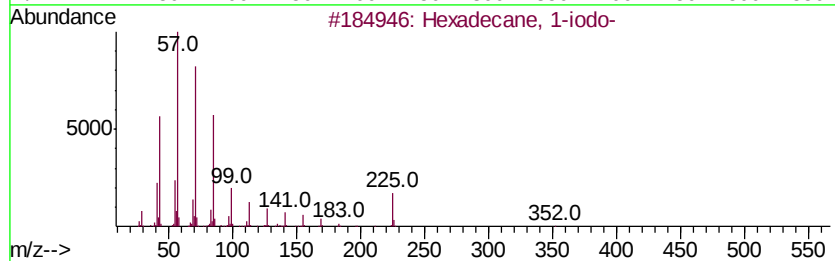
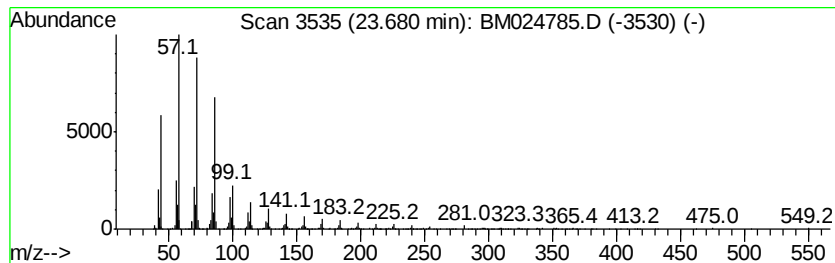
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.68	9.74 ng/ul	2042690	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024785.D
Acq On : 08 Feb 2020 06:04
Operator : CG/JU
Sample : L1400-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6H1

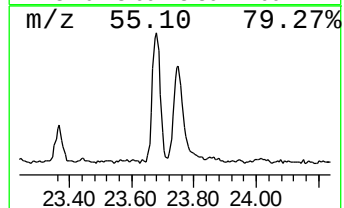
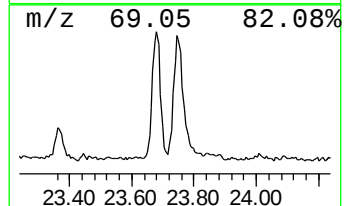
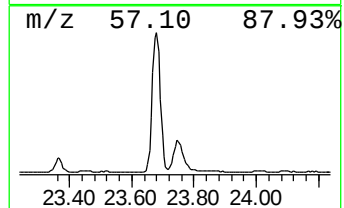
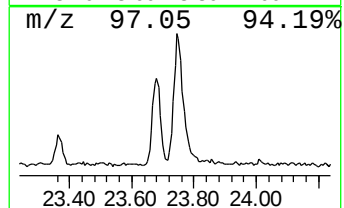
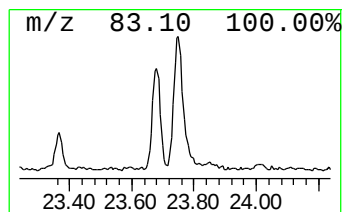
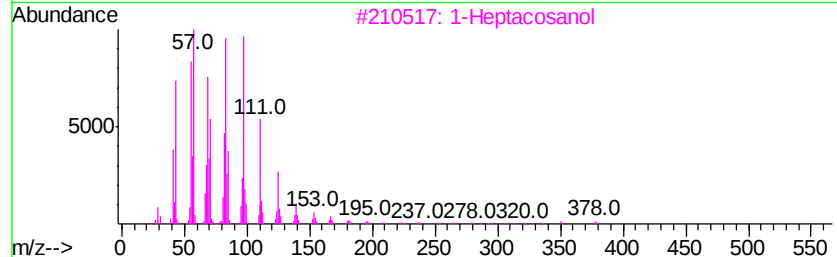
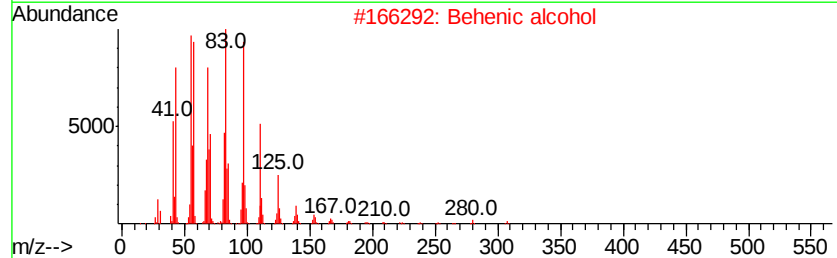
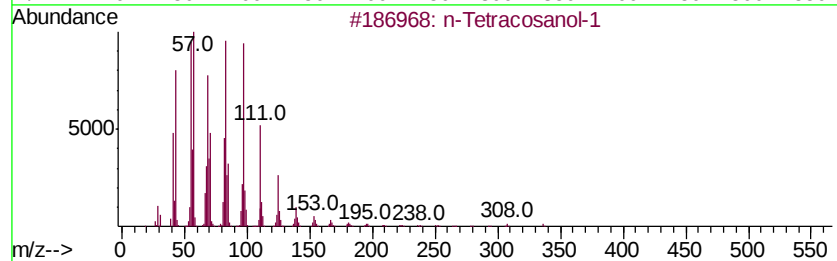
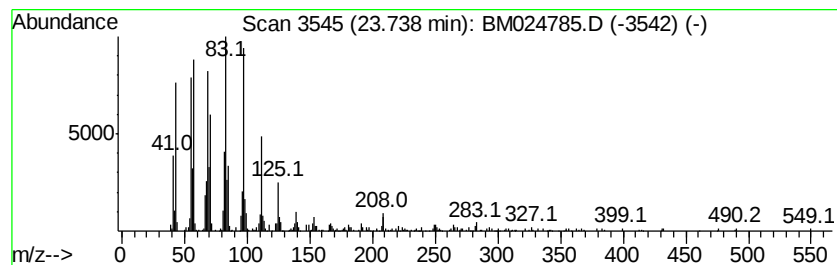
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	5.09 ng/ul	1068390	Perylene-d12	23.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1		354	C24H50O	000506-51-4	94
2	Behenic alcohol		326	C22H46O	000661-19-8	94
3	1-Heptacosanol		396	C27H56O	002004-39-9	90
4	Triaccontyl acetate		480	C32H64O2	041755-58-2	86
5	1-Hexacosanol		382	C26H54O	000506-52-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020620\
Data File : BM024785.D
Acq On : 08 Feb 2020 06:04
Operator : CG/JU
Sample : L1400-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6H1

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	4.7	ng/ul	1146050	5	21.02	4893580	20.0
(DEL) Alkane: Str...	21.65	2.3	ng/ul	556916	5	21.02	4893580	20.0
Oxirane, heptadecyl-	22.29	4.0	ng/ul	834215	6	23.13	4195030	20.0
Hexadecane, 1-iodo-	23.68	9.7	ng/ul	2042690	6	23.13	4195030	20.0
n-Tetracosanol-1	23.74	5.1	ng/ul	1068390	6	23.13	4195030	20.0