

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024788.D
 Acq On : 08 Feb 2020 07:52
 Operator : CG/JU
 Sample : L1400-08
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6H4

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	29	rVB	46452	62629	1.23%	0.089%
2	3.628	122	126	131	rBV6	16855	29611	0.58%	0.042%
3	3.710	137	140	146	rVB2	29969	38201	0.75%	0.054%
4	3.928	173	177	181	rBV	30015	39773	0.78%	0.057%
5	4.322	242	244	249	rVB4	19790	24517	0.48%	0.035%
6	4.593	287	290	296	rVB	28000	35442	0.69%	0.050%
7	6.598	622	631	645	rVB	637660	1008742	19.75%	1.434%
8	6.757	651	658	669	rBV	593678	910358	17.83%	1.294%
9	6.945	683	690	700	rVV	754917	1168249	22.87%	1.660%
10	7.404	761	768	779	rBV	1128266	1730313	33.88%	2.459%
11	7.492	779	783	791	rVB6	11949	24248	0.47%	0.034%
12	8.116	882	889	897	rBV	878859	1353985	26.51%	1.924%
13	8.539	954	961	975	rBV	695898	1127517	22.08%	1.603%
14	8.734	990	994	1005	rVB4	47207	74196	1.45%	0.105%
15	9.039	1040	1046	1052	rBV	140462	206480	4.04%	0.293%
16	9.257	1076	1083	1090	rBV	598197	973648	19.06%	1.384%
17	9.792	1168	1174	1186	rBV	921533	1521791	29.80%	2.163%
18	10.163	1229	1237	1243	rBV	1476561	2415938	47.31%	3.434%
19	10.304	1254	1261	1278	rBV	807819	1452110	28.43%	2.064%
20	11.639	1485	1488	1494	rVV5	20447	29005	0.57%	0.041%
21	11.763	1505	1509	1516	rVV3	18226	33137	0.65%	0.047%
22	11.839	1516	1522	1533	rVB2	21971	42858	0.84%	0.061%
23	12.063	1553	1560	1566	rVV	20530	36163	0.71%	0.051%
24	12.916	1700	1705	1710	rVB2	25153	35798	0.70%	0.051%
25	13.227	1751	1758	1763	rBV4	10434	25177	0.49%	0.036%
26	13.374	1778	1783	1788	rVV2	29101	56714	1.11%	0.081%
27	13.433	1788	1793	1795	rVV2	19581	30087	0.59%	0.043%
28	13.480	1795	1801	1807	rVV	1945954	2592115	50.76%	3.684%
29	13.527	1807	1809	1814	rVV	38307	54276	1.06%	0.077%
30	13.616	1821	1824	1828	rVV3	19547	32283	0.63%	0.046%
31	13.745	1839	1846	1859	rVB	1810557	2802430	54.87%	3.983%
32	14.010	1887	1891	1893	rVV2	22931	28460	0.56%	0.040%
33	14.057	1893	1899	1906	rVV2	2358827	3436711	67.29%	4.885%
34	14.121	1906	1910	1914	rVB	39685	55000	1.08%	0.078%

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35	14.280	1931	1937	1949	rBV	517113	897199	17.57%	1.275%
36	14.468	1963	1969	1975	rBV2	36594	70262	1.38%	0.100%
37	14.551	1979	1983	1988	rVB2	18776	27883	0.55%	0.040%
38	14.698	2003	2008	2012	rBV4	17935	28490	0.56%	0.040%
39	14.868	2030	2037	2040	rBV6	16156	28827	0.56%	0.041%
40	14.968	2050	2054	2058	rVB	20154	24198	0.47%	0.034%
41	15.057	2063	2069	2075	rVV	2507174	3641974	71.31%	5.176%
42	15.115	2075	2079	2085	rVB3	68571	96604	1.89%	0.137%
43	15.192	2086	2092	2104	rBV	730307	1016071	19.90%	1.444%
44	15.304	2104	2111	2114	rVB3	26245	45809	0.90%	0.065%
45	15.415	2126	2130	2134	rBV	23304	31973	0.63%	0.045%
46	15.563	2150	2155	2162	rVB2	19810	43761	0.86%	0.062%
47	16.127	2244	2251	2256	rBV8	14823	30093	0.59%	0.043%
48	16.468	2305	2309	2313	rBV	30365	46537	0.91%	0.066%
49	16.562	2319	2325	2328	rBV6	20383	42323	0.83%	0.060%
50	16.592	2328	2330	2333	rVV3	16044	25416	0.50%	0.036%
51	16.627	2333	2336	2342	rVV2	61805	86395	1.69%	0.123%
52	16.809	2359	2367	2371	rBV	2922626	4051076	79.32%	5.758%
53	16.851	2371	2374	2379	rVB	694204	878355	17.20%	1.248%
54	16.909	2379	2384	2389	rBV	2685253	3657578	71.62%	5.199%
55	17.015	2398	2402	2407	rBV5	17279	26800	0.52%	0.038%
56	17.221	2432	2437	2439	rBV	55532	88392	1.73%	0.126%
57	17.392	2464	2466	2472	rVB4	22306	28615	0.56%	0.041%
58	17.539	2487	2491	2497	rVB8	15259	27509	0.54%	0.039%
59	17.692	2512	2517	2521	rVV	103510	158916	3.11%	0.226%
60	17.739	2521	2525	2534	rVV	159979	237905	4.66%	0.338%
61	17.815	2534	2538	2543	rVV2	51614	70707	1.38%	0.100%
62	17.880	2543	2549	2553	rVV2	156983	267564	5.24%	0.380%
63	17.921	2553	2556	2563	rVB	76843	103981	2.04%	0.148%
64	18.056	2573	2579	2582	rVV4	33688	50294	0.98%	0.071%
65	18.198	2598	2603	2607	rBV2	116345	178390	3.49%	0.254%
66	18.456	2642	2647	2652	rVV4	39261	83519	1.64%	0.119%
67	18.503	2652	2655	2657	rVV	36475	40834	0.80%	0.058%
68	18.539	2658	2661	2665	rVB2	33731	42072	0.82%	0.060%
69	18.621	2670	2675	2680	rBV	93662	147062	2.88%	0.209%
70	18.680	2680	2685	2687	rBV3	39245	65359	1.28%	0.093%
71	18.756	2694	2698	2706	rBV4	61478	109421	2.14%	0.156%

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72	18.880	2711	2719	2724	rVV	1181159	1580310	30.94%	2.246%
73	18.962	2730	2733	2735	rBV	27458	31258	0.61%	0.044%
74	19.215	2770	2776	2780	rBV	3324658	4869501	95.35%	6.921%
75	19.286	2786	2788	2791	rVB3	43511	41040	0.80%	0.058%
76	19.321	2791	2794	2804	rVB2	50102	106861	2.09%	0.152%
77	19.433	2810	2813	2817	rBV	55924	62503	1.22%	0.089%
78	19.586	2834	2839	2845	rBV3	81703	155209	3.04%	0.221%
79	19.721	2858	2862	2864	rBV4	54134	92728	1.82%	0.132%
80	19.750	2864	2867	2871	rVB	151056	190993	3.74%	0.271%
81	19.827	2877	2880	2882	rBV2	54134	67864	1.33%	0.096%
82	19.856	2882	2885	2889	rVB2	90612	108232	2.12%	0.154%
83	19.909	2890	2894	2898	rBV2	114877	161059	3.15%	0.229%
84	20.050	2915	2918	2922	rBV	52194	58146	1.14%	0.083%
85	20.092	2923	2925	2931	rVV2	53072	65054	1.27%	0.092%
86	20.503	2992	2995	3002	rBV	89620	137735	2.70%	0.196%
87	20.780	3038	3042	3053	rBV3	792374	1176851	23.04%	1.673%
88	21.021	3077	3083	3087	rBV2	3578152	5107106	100.00%	7.259%
89	21.056	3087	3089	3097	rVB	543798	662450	12.97%	0.942%
90	21.650	3187	3190	3197	rBV4	306218	492469	9.64%	0.700%
91	22.291	3296	3299	3307	rVB2	310953	421947	8.26%	0.600%
92	22.509	3332	3336	3340	rBV	503877	948495	18.57%	1.348%
93	22.556	3341	3344	3347	rVV2	708242	1016230	19.90%	1.444%
94	22.591	3347	3350	3359	rVB2	675477	1067085	20.89%	1.517%
95	22.997	3413	3419	3423	rBV	2070841	3315330	64.92%	4.712%
96	23.086	3430	3434	3436	rBV2	319083	477847	9.36%	0.679%
97	23.127	3436	3441	3455	rVB	2504086	4403095	86.22%	6.258%
98	23.680	3530	3535	3541	rVB	801679	1340314	26.24%	1.905%
99	23.750	3542	3547	3558	rVB	404497	849466	16.63%	1.207%
100	25.162	3782	3787	3798	rVB4	512779	1364066	26.71%	1.939%

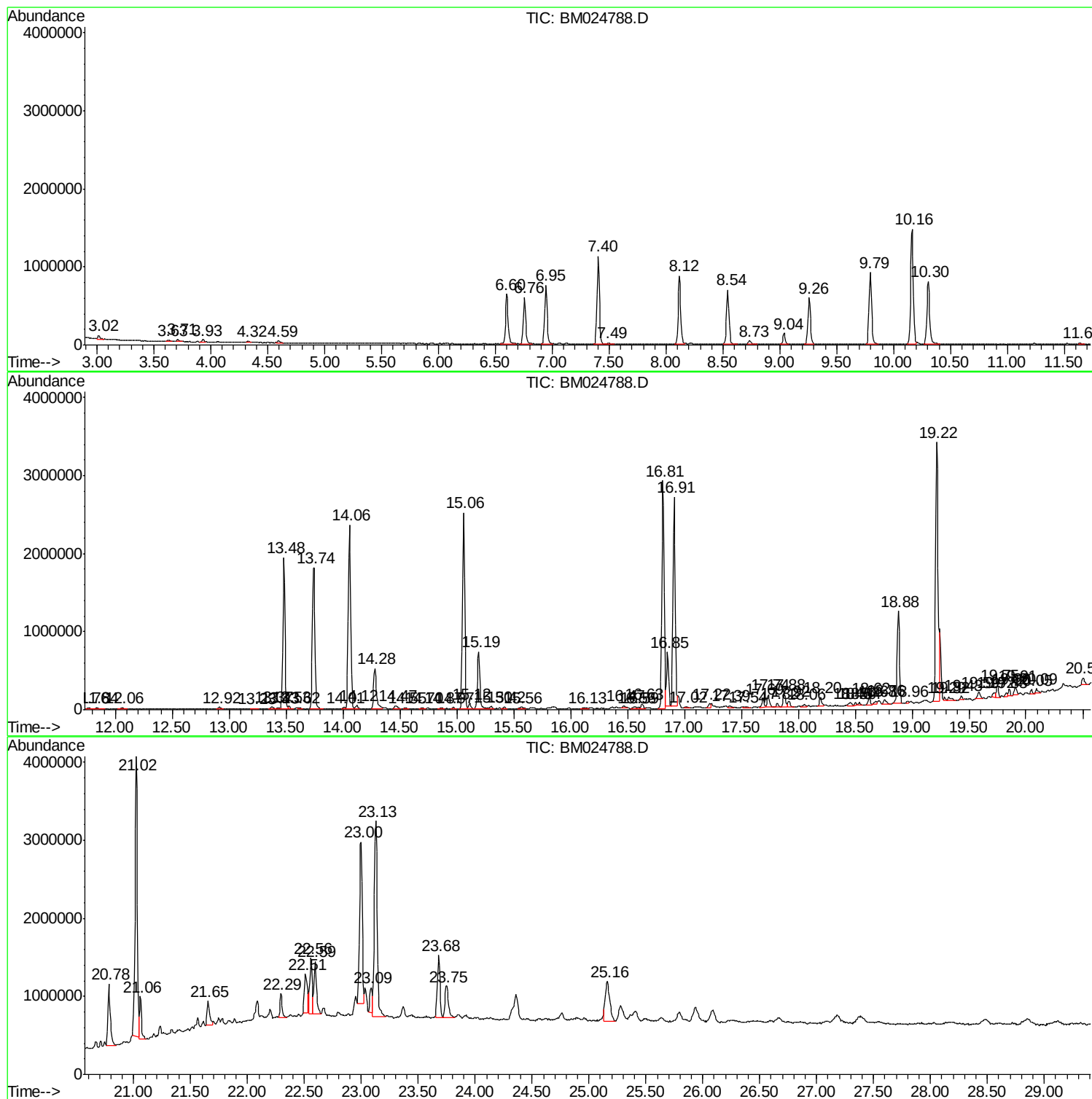
Sum of corrected areas: 70357370

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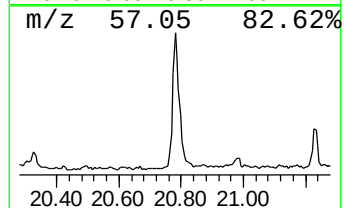
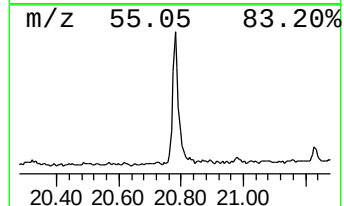
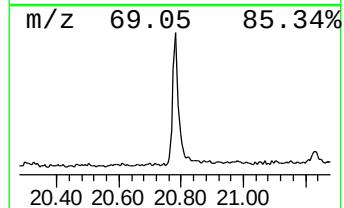
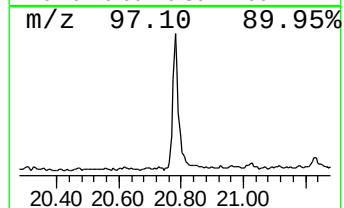
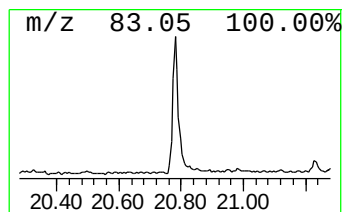
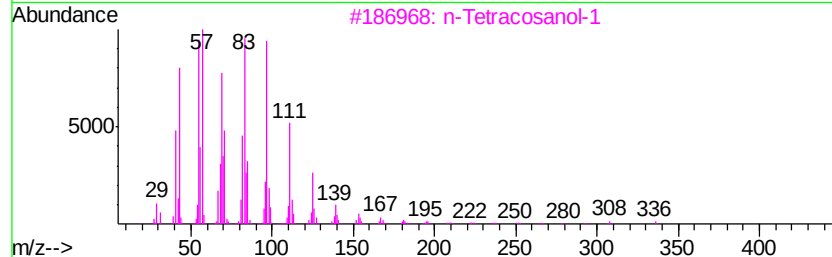
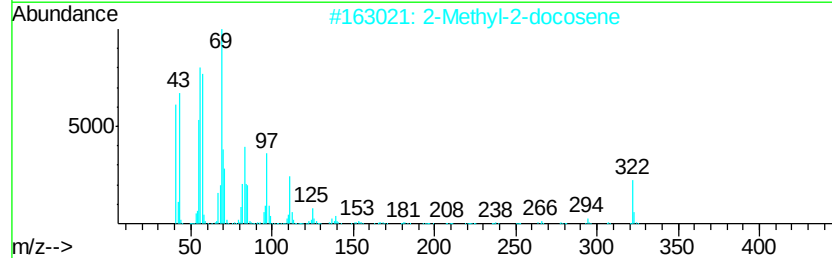
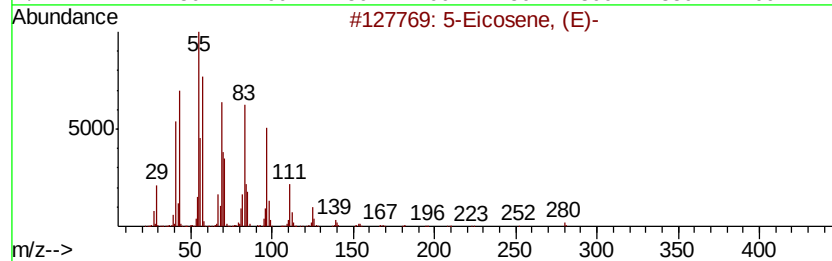
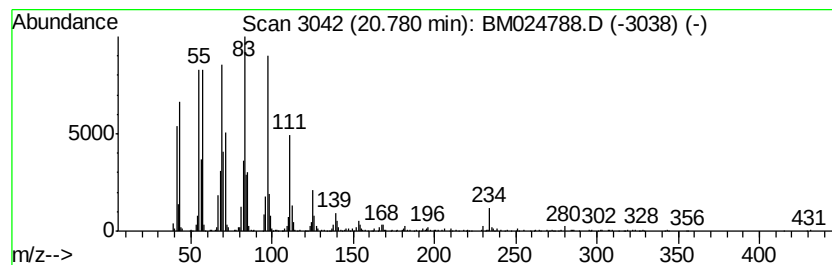
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	4.61 ng/ul	1176850	Chrysene-d12	21.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Eicosene, (E)-		280 C20H40	074685-30-6 99
2	2-Methyl-2-docosene		322 C23H46	1000131-16-9 95
3	n-Tetracosanol-1		354 C24H50O	000506-51-4 94
4	2-Chloropropionic acid, octadec...		360 C21H41ClO2	088104-31-8 94
5	Behenic alcohol		326 C22H46O	000661-19-8 94



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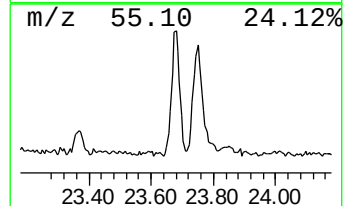
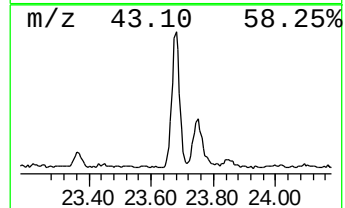
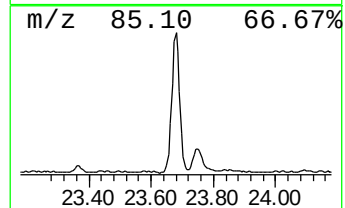
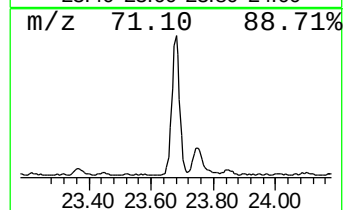
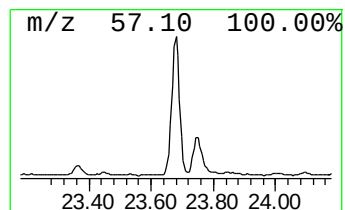
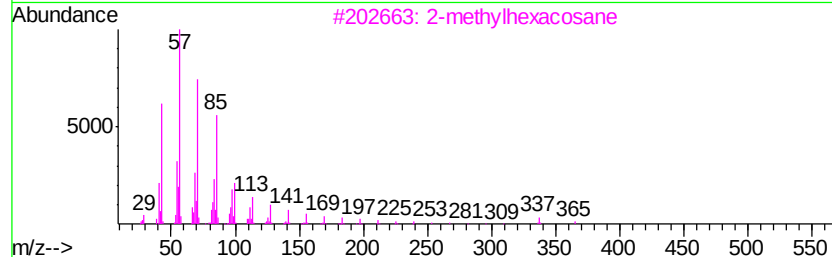
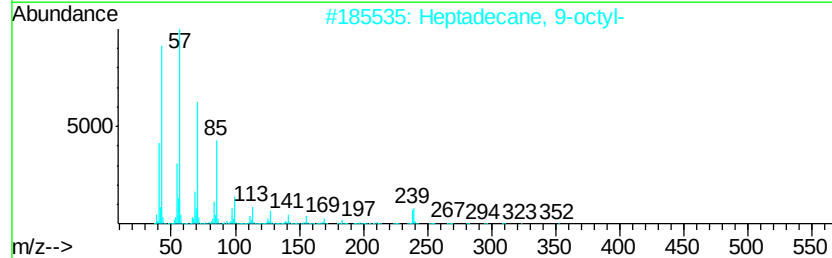
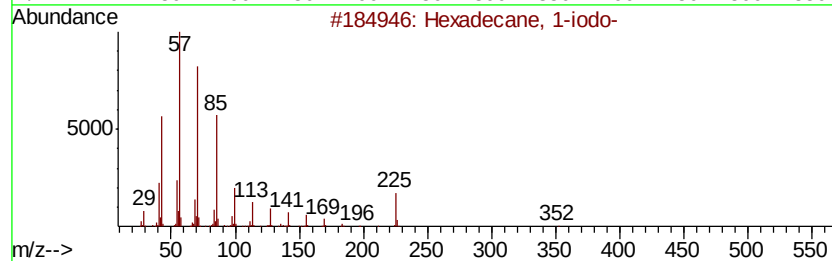
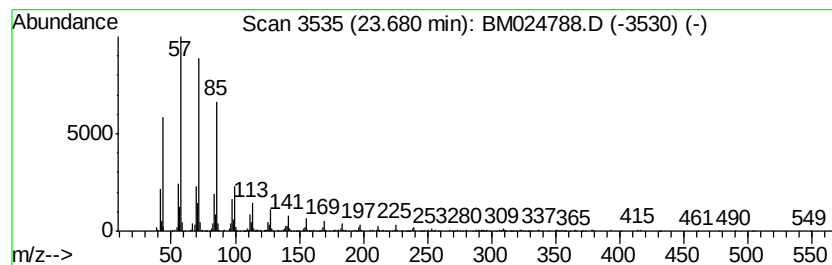
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.68	6.09 ng/ul	1340310	Perylene-d12	23.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane, 1-iodo-	352 C16H33I	000544-77-4	95
2	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
3	2-methylhexacosane	380 C27H56	1000376-72-7	91
4	Tetratetracontane	619 C44H90	007098-22-8	91
5	Nonadecane, 2,3-dimethyl-	296 C21H44	075163-99-4	91



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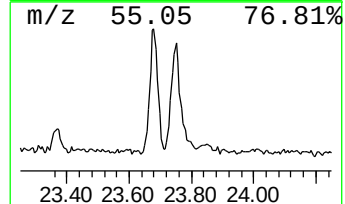
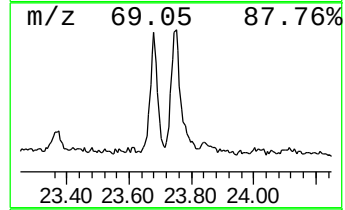
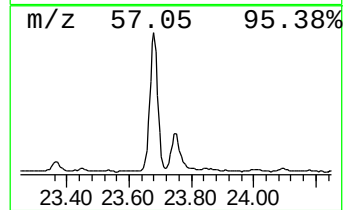
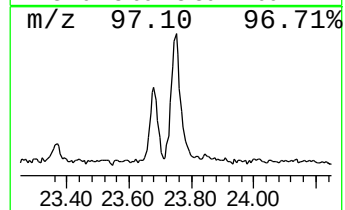
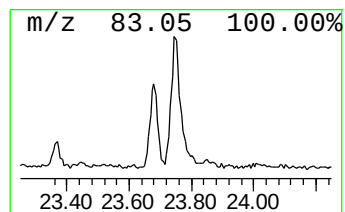
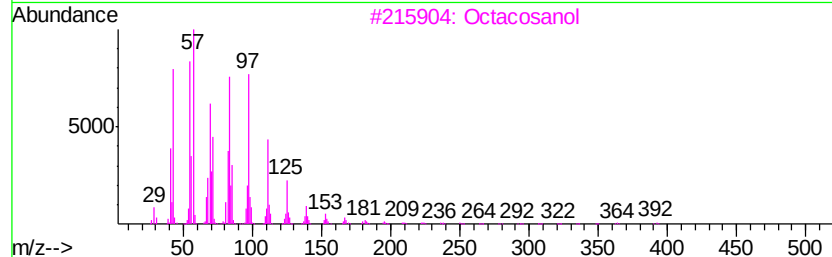
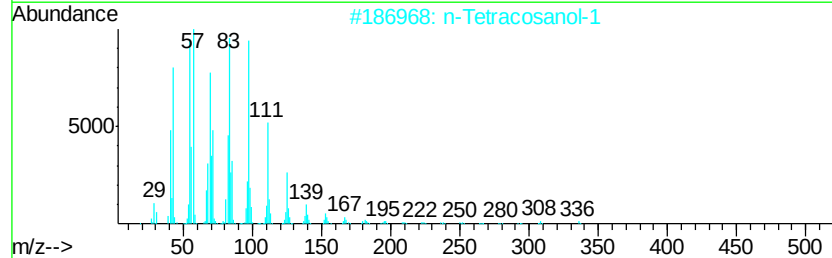
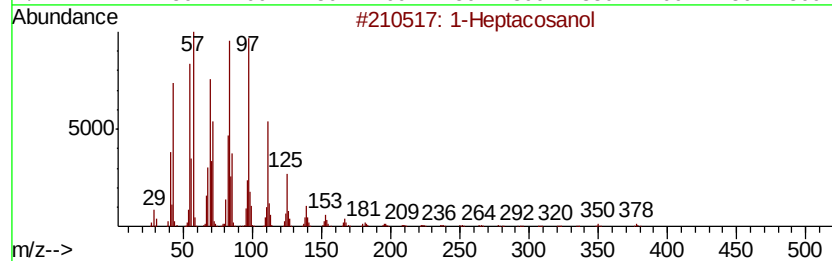
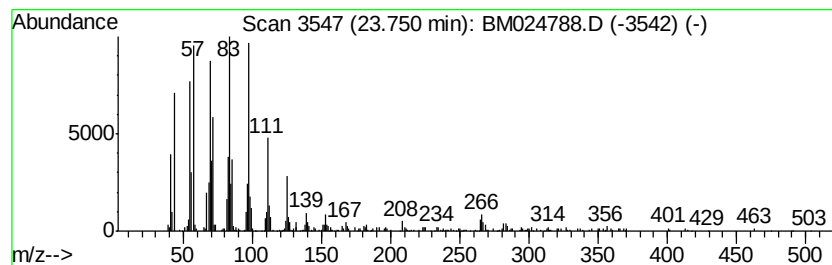
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Peak Number 3 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	3.86 ng/ul	849466	Perylene-d12	23.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heptacosanol	396 C27H56O	002004-39-9	95
2	n-Tetracosanol-1	354 C24H50O	000506-51-4	94
3	Octacosanol	410 C28H58O	000557-61-9	92
4	Behenic alcohol	326 C22H46O	000661-19-8	91
5	Nonadecyl trifluoroacetate	380 C21H39F3O2	1000351-76-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020620\
Data File : BM024788.D
Acq On : 08 Feb 2020 07:52
Operator : CG/JU
Sample : L1400-08
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6H4

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	4.6	ng/ul	1176850	5	21.02	5107110	20.0
Hexadecane, 1-iodo-	23.68	6.1	ng/ul	1340310	6	23.13	4403100	20.0
1-Heptacosanol	23.75	3.9	ng/ul	849466	6	23.13	4403100	20.0