

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
 Data File : BM024842.D
 Acq On : 11 Feb 2020 19:52
 Operator : CG/JU
 Sample : L1405-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6P4

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	27	rVB	49635	60057	1.04%	0.081%
2	3.634	123	127	131	rVB2	17297	24701	0.43%	0.033%
3	3.710	135	140	144	rVB	49600	67420	1.16%	0.091%
4	3.928	172	177	187	rVB	35828	58552	1.01%	0.079%
5	4.322	240	244	250	rBV3	18665	25437	0.44%	0.034%
6	4.587	286	289	295	rBV	37562	51135	0.88%	0.069%
7	6.598	622	631	646	rBV	812093	1255805	21.69%	1.700%
8	6.751	651	657	669	rBV	681598	1032749	17.84%	1.398%
9	6.940	683	689	701	rVV	928661	1423943	24.60%	1.928%
10	7.398	759	767	779	rBV	1095490	1688639	29.17%	2.286%
11	7.545	787	792	799	rVV	29355	45178	0.78%	0.061%
12	8.116	882	889	900	rBV	1037008	1645625	28.43%	2.228%
13	8.222	904	907	913	rVB2	14573	20829	0.36%	0.028%
14	8.540	954	961	971	rBV	779040	1294215	22.36%	1.752%
15	8.640	973	978	988	rVV8	13554	32271	0.56%	0.044%
16	8.728	988	993	1002	rVB2	34294	52701	0.91%	0.071%
17	8.887	1014	1020	1031	rBV2	71144	115380	1.99%	0.156%
18	9.034	1040	1045	1049	rBV	78766	117928	2.04%	0.160%
19	9.251	1076	1082	1092	rBV	678445	1125923	19.45%	1.524%
20	9.792	1166	1174	1187	rBV	1102340	1843153	31.84%	2.495%
21	10.157	1228	1236	1243	rBV	1441371	2333074	40.30%	3.159%
22	10.204	1243	1244	1250	rVB	27468	29268	0.51%	0.040%
23	10.298	1253	1260	1274	rBV	956803	1699959	29.36%	2.301%
24	11.763	1503	1509	1515	rBV2	20403	34445	0.59%	0.047%
25	11.833	1517	1521	1528	rBV2	12555	23631	0.41%	0.032%
26	13.374	1778	1783	1789	rVB3	12853	20846	0.36%	0.028%
27	13.480	1795	1801	1806	rVV	1930201	2756320	47.61%	3.732%
28	13.522	1806	1808	1815	rVB	58640	79329	1.37%	0.107%
29	13.739	1838	1845	1857	rBV	2330705	3407435	58.86%	4.613%
30	14.051	1892	1898	1905	rVV2	2189973	3232490	55.84%	4.376%
31	14.116	1905	1909	1913	rVB	34408	41861	0.72%	0.057%
32	14.274	1930	1936	1959	rBV	543505	1025810	17.72%	1.389%
33	14.463	1964	1968	1974	rBV2	26458	39582	0.68%	0.054%
34	14.963	2047	2053	2058	rVB7	12937	19480	0.34%	0.026%

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35	15.057	2058	2069	2075	rBV	3001947	4190841	72.39%	5.674%
36	15.110	2075	2078	2085	rVV2	57691	80788	1.40%	0.109%
37	15.186	2085	2091	2103	rVV	744769	1090379	18.83%	1.476%
38	15.298	2103	2110	2116	rVV2	35356	68933	1.19%	0.093%
39	15.416	2126	2130	2135	rVB2	16614	23421	0.40%	0.032%
40	15.568	2151	2156	2161	rVB3	14526	30509	0.53%	0.041%
41	15.651	2166	2170	2172	rVV5	13070	20416	0.35%	0.028%
42	15.851	2202	2204	2210	rVB3	17996	21806	0.38%	0.030%
43	16.121	2244	2250	2255	rBV7	10699	20746	0.36%	0.028%
44	16.468	2305	2309	2311	rBV	15834	22271	0.38%	0.030%
45	16.557	2319	2324	2328	rBV7	13707	29989	0.52%	0.041%
46	16.627	2333	2336	2340	rVB	35080	44935	0.78%	0.061%
47	16.810	2360	2367	2371	rBV	2584401	3712378	64.13%	5.026%
48	16.851	2371	2374	2378	rVV	615249	791076	13.66%	1.071%
49	16.904	2378	2383	2397	rVV2	3062745	4523395	78.14%	6.124%
50	17.010	2397	2401	2407	rVV7	14421	27535	0.48%	0.037%
51	17.086	2411	2414	2419	rVV6	9350	21538	0.37%	0.029%
52	17.221	2432	2437	2442	rBV2	35400	68206	1.18%	0.092%
53	17.262	2442	2444	2451	rVV8	12330	23073	0.40%	0.031%
54	17.392	2463	2466	2471	rVB4	21484	25908	0.45%	0.035%
55	17.527	2486	2489	2496	rVB5	14623	23528	0.41%	0.032%
56	17.686	2510	2516	2520	rVV	101659	165732	2.86%	0.224%
57	17.733	2520	2524	2532	rVV	142106	205239	3.55%	0.278%
58	17.815	2534	2538	2542	rVV2	41799	58761	1.02%	0.080%
59	17.874	2542	2548	2552	rVV2	152158	254260	4.39%	0.344%
60	17.915	2552	2555	2562	rVB	80844	110410	1.91%	0.149%
61	18.027	2568	2574	2578	rBV3	125110	200567	3.46%	0.272%
62	18.192	2598	2602	2607	rBV	77307	119098	2.06%	0.161%
63	18.451	2642	2646	2651	rVV5	29760	46435	0.80%	0.063%
64	18.498	2651	2654	2657	rBV	30482	34516	0.60%	0.047%
65	18.533	2657	2660	2664	rVB5	26815	39173	0.68%	0.053%
66	18.621	2670	2675	2679	rBV	92813	138616	2.39%	0.188%
67	18.686	2680	2686	2687	rBV4	40478	70714	1.22%	0.096%
68	18.756	2694	2698	2707	rVB4	50998	109142	1.89%	0.148%
69	18.874	2713	2718	2726	rVB	1052676	1446029	24.98%	1.958%
70	18.956	2729	2732	2734	rVV3	22818	23674	0.41%	0.032%
71	18.986	2734	2737	2741	rVB6	21642	31290	0.54%	0.042%

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72	19.098	2754	2756	2759	rBV	18118	20126	0.35%	0.027%
73	19.215	2770	2776	2779	rBV	4077491	5789199	100.00%	7.838%
74	19.321	2791	2794	2801	rVB3	51692	79231	1.37%	0.107%
75	19.380	2801	2804	2808	rBV3	40954	41759	0.72%	0.057%
76	19.427	2809	2812	2815	rBV	46054	55648	0.96%	0.075%
77	19.580	2834	2838	2849	rVB6	93162	211045	3.65%	0.286%
78	19.715	2857	2861	2863	rBV3	71285	109817	1.90%	0.149%
79	19.751	2864	2867	2870	rVB2	130392	162655	2.81%	0.220%
80	19.827	2876	2880	2881	rBV2	59086	68305	1.18%	0.092%
81	19.851	2881	2884	2888	rVB2	84600	95115	1.64%	0.129%
82	19.903	2889	2893	2897	rBV2	126041	191049	3.30%	0.259%
83	20.045	2914	2917	2921	rVB2	88389	107638	1.86%	0.146%
84	20.092	2921	2925	2929	rBV	85277	137647	2.38%	0.186%
85	20.321	2962	2964	2968	rBV4	69786	88434	1.53%	0.120%
86	20.703	3027	3029	3032	rBV	80090	75616	1.31%	0.102%
87	20.774	3037	3041	3052	rVB3	550141	884666	15.28%	1.198%
88	21.015	3076	3082	3086	rBV2	3323877	4869060	84.11%	6.592%
89	21.056	3086	3089	3096	rVB	580751	726785	12.55%	0.984%
90	21.227	3115	3118	3124	rBV3	152806	169716	2.93%	0.230%
91	21.645	3186	3189	3196	rBV3	396628	559141	9.66%	0.757%
92	22.080	3260	3263	3267	rVB	331233	365637	6.32%	0.495%
93	22.503	3331	3335	3339	rBV	512042	966228	16.69%	1.308%
94	22.550	3340	3343	3347	rVB2	709840	891470	15.40%	1.207%
95	22.944	3406	3410	3412	rBV	258933	374862	6.48%	0.508%
96	22.991	3412	3418	3423	rVV	3005194	4775041	82.48%	6.465%
97	23.080	3429	3433	3435	rBV	348682	506202	8.74%	0.685%
98	23.121	3435	3440	3456	rVB	2369787	4223018	72.95%	5.717%
99	23.668	3529	3533	3539	rVB	728590	1200818	20.74%	1.626%
100	25.150	3780	3785	3797	rVB5	511412	1476763	25.51%	1.999%

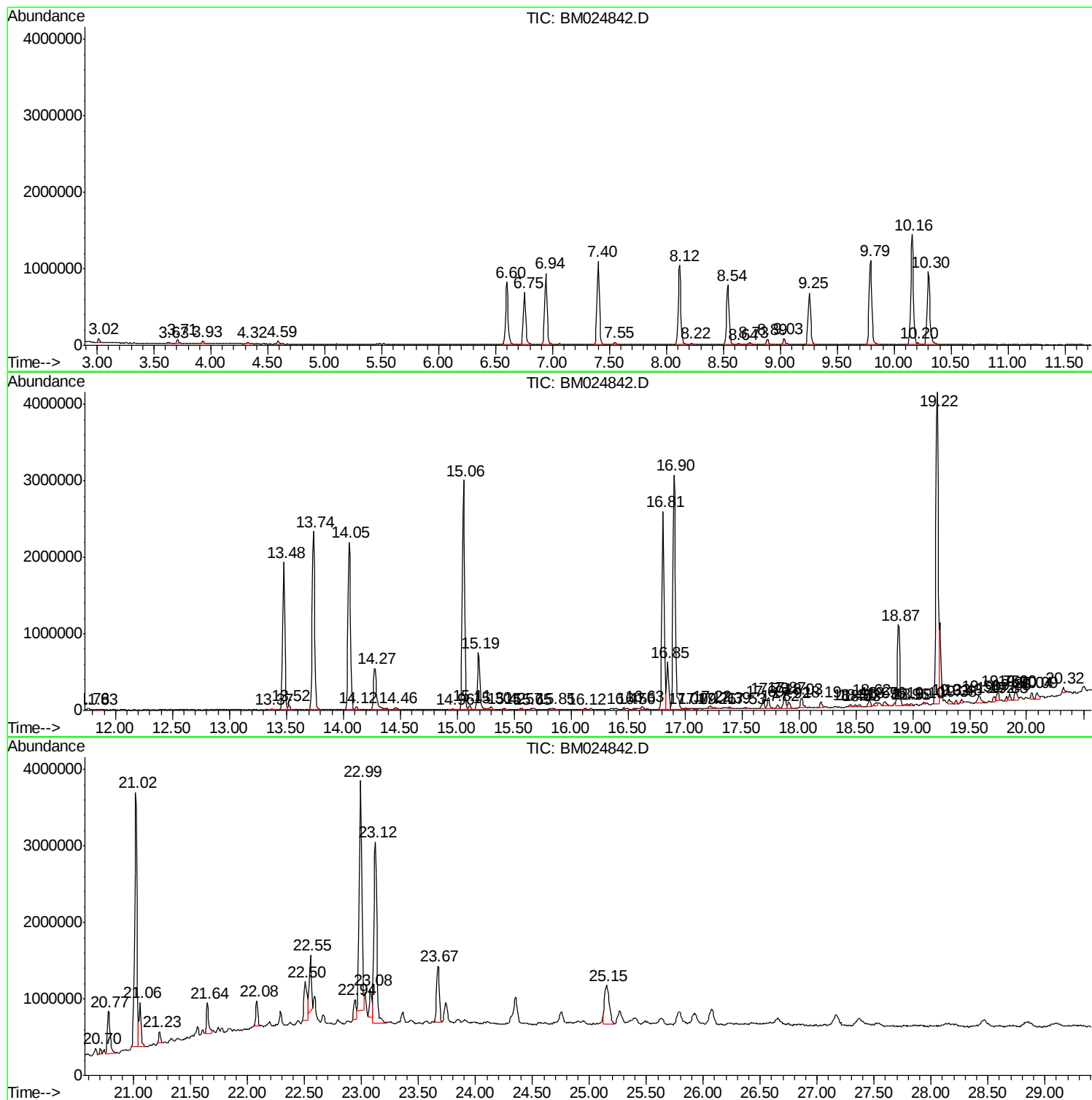
Sum of corrected areas: 73863189

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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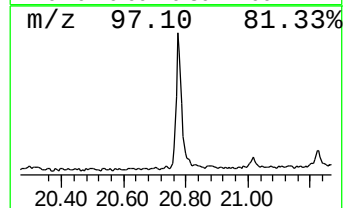
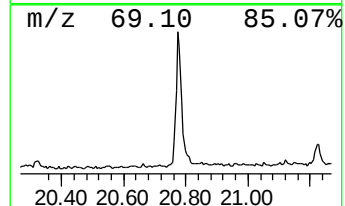
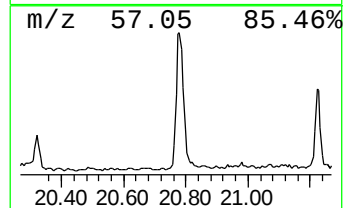
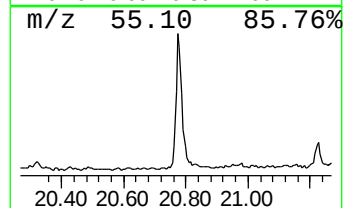
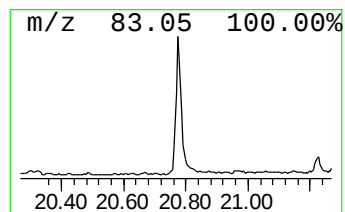
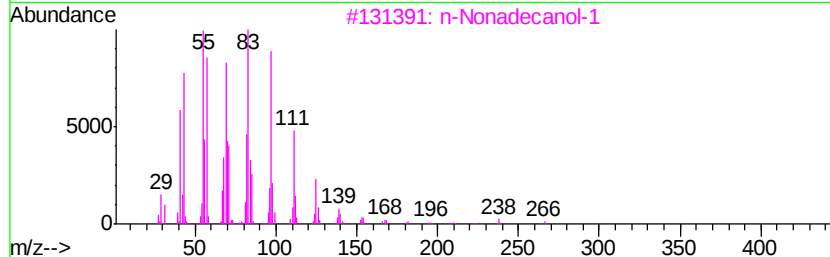
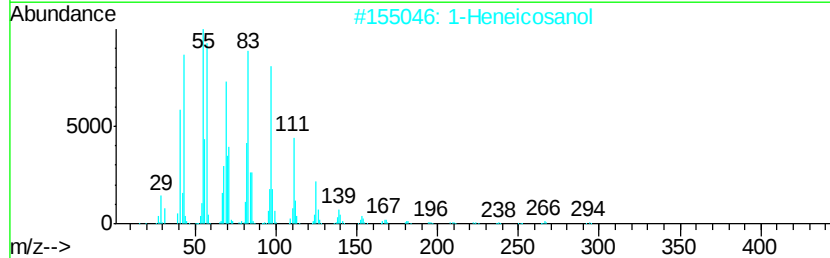
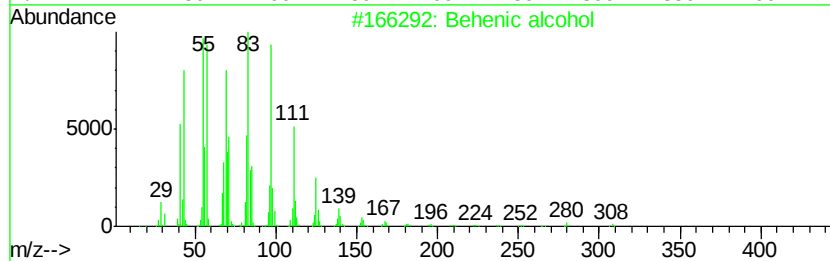
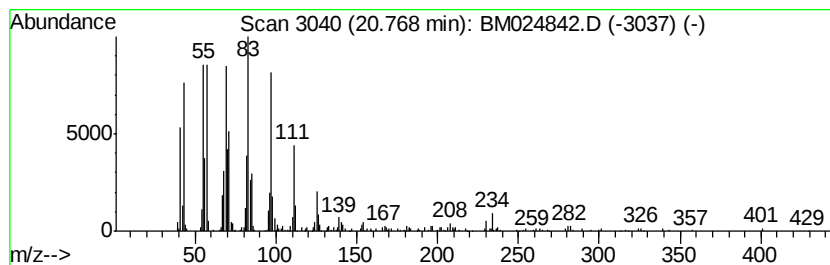
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.77	3.63 ng/ul	884666	Chrysene-d12		21.02	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	95
2		1-Heneicosanol	312	C21H44O	015594-90-8	94
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94



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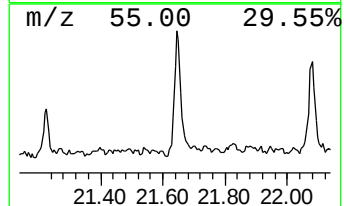
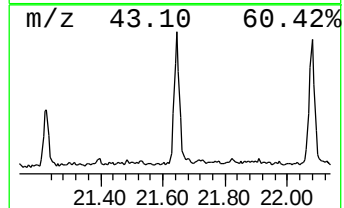
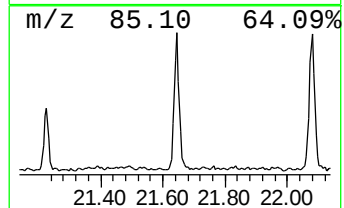
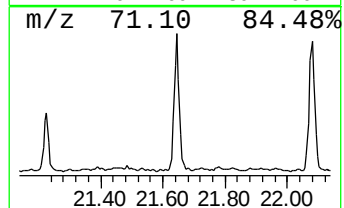
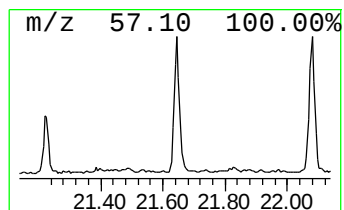
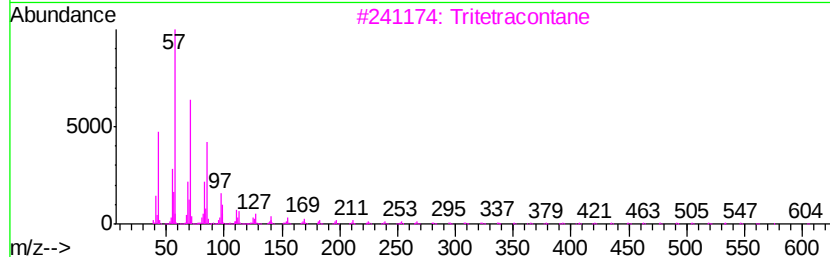
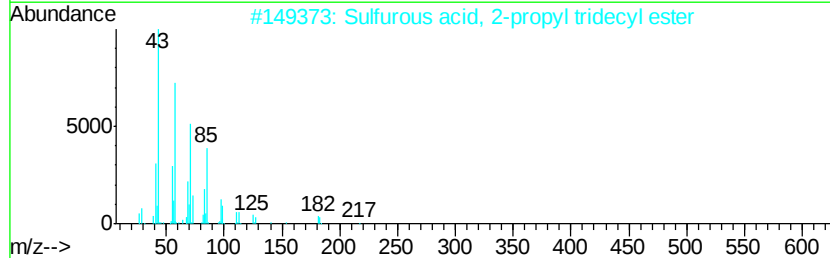
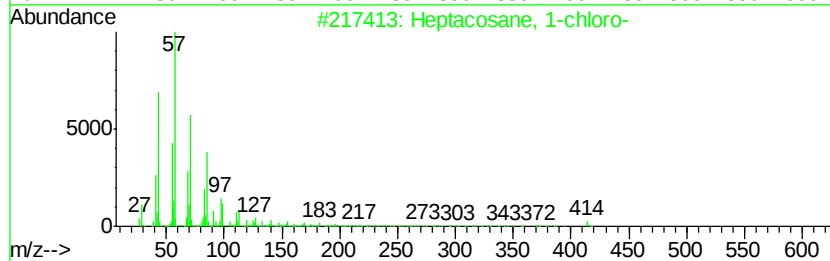
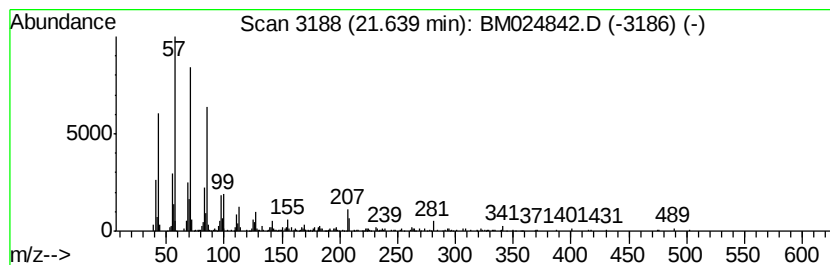
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptacosane, 1-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	2.30 ng/ul	559141	Chrysene-d12	21.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane, 1-chloro-	414 C27H55Cl	062016-79-9	91
2	Sulfurous acid, 2-propyl tridecy...	306 C16H34O3S	1000309-12-4	91
3	Tritetracontane	605 C43H88	007098-21-7	91
4	2-Bromo dodecane	248 C12H25Br	013187-99-0	89
5	Hexacosane	366 C26H54	000630-01-3	87



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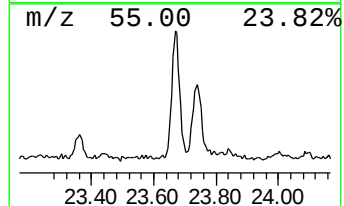
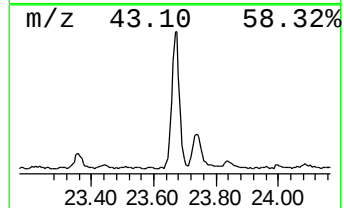
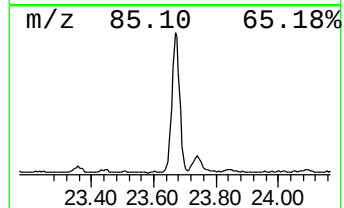
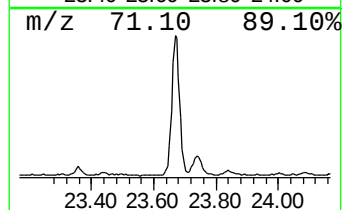
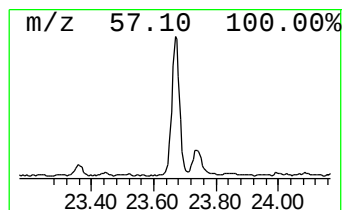
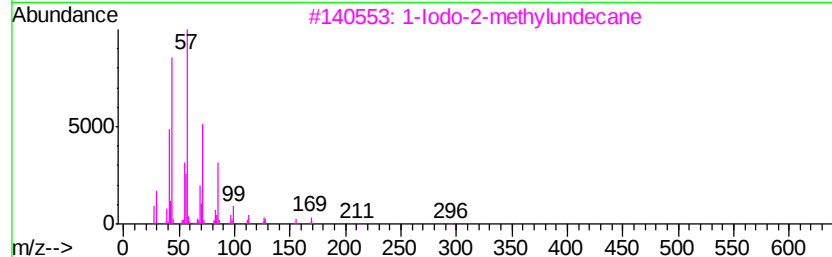
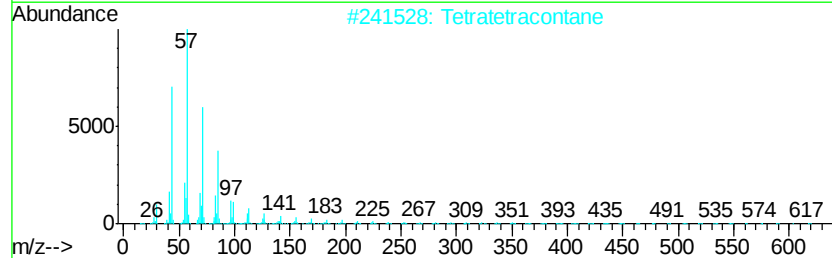
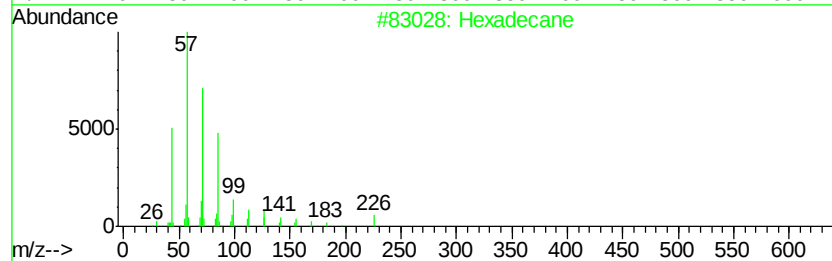
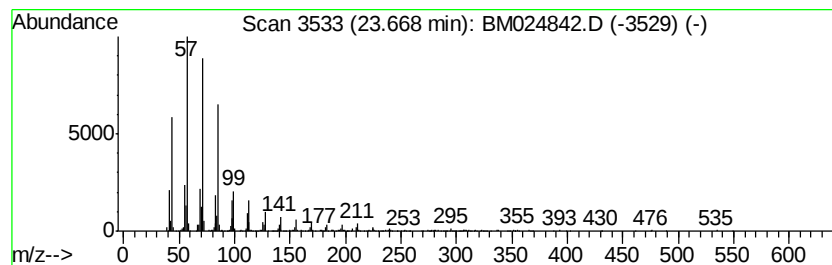
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	5.69 ng/ul	1200820	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
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\BM021120\
Data File : BM024842.D
Acq On : 11 Feb 2020 19:52
Operator : CG/JU
Sample : L1405-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6P4

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
Behenic alcohol	20.77	3.6	ng/ul	884666	5	21.02	4869060	20.0
Heptacosane, 1-ch...	21.64	2.3	ng/ul	559141	5	21.02	4869060	20.0
(DEL) Alkane: Str...	23.67	5.7	ng/ul	1200820	6	23.12	4223020	20.0