

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
 Data File : BN009940.D
 Acq On : 26 Feb 2020 22:19
 Operator : CG/JU
 Sample : L1612-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBDL3

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_N\METHODS\SOM-EPA-BN021220MA.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	3.028	5	7	13	rVB6	10866	13283	0.89%	0.081%
2	3.228	40	41	44	rBV3	3130	3412	0.23%	0.021%
3	3.305	53	54	56	rBV2	2884	1950	0.13%	0.012%
4	3.328	56	58	60	rVV3	2910	2395	0.16%	0.015%
5	3.352	60	62	65	rVB4	3255	3073	0.20%	0.019%
6	3.628	105	109	114	rVB4	7939	10842	0.72%	0.066%
7	3.711	121	123	127	rVB4	4952	4614	0.31%	0.028%
8	3.881	150	152	155	rVB3	1959	2051	0.14%	0.012%
9	4.111	189	191	196	rVB4	2275	2479	0.17%	0.015%
10	4.187	201	204	205	rBV3	2700	2858	0.19%	0.017%
11	4.234	209	212	214	rVV4	2167	2224	0.15%	0.014%
12	4.399	237	240	245	rVB5	2142	3417	0.23%	0.021%
13	4.587	267	272	283	rBV	23641	38663	2.58%	0.235%
14	4.764	299	302	305	rVB4	2438	2725	0.18%	0.017%
15	4.840	310	315	316	rBV5	1963	3180	0.21%	0.019%
16	5.458	415	420	423	rVB4	1759	2822	0.19%	0.017%
17	6.081	523	526	529	rVB3	1921	2393	0.16%	0.015%
18	6.593	608	613	624	rBV2	113041	239528	15.98%	1.455%
19	6.693	629	630	633	rVB2	2778	2066	0.14%	0.013%
20	6.746	633	639	651	rBV	108015	188731	12.59%	1.146%
21	6.928	664	670	681	rBV	144842	253334	16.90%	1.539%
22	7.181	709	713	715	rVV4	1770	2358	0.16%	0.014%
23	7.381	739	747	762	rBV	374587	608834	40.61%	3.698%
24	8.105	865	870	882	rBV2	135303	253085	16.88%	1.537%
25	8.222	887	890	894	rVV3	9952	14741	0.98%	0.090%
26	8.534	936	943	955	rBV	133720	260715	17.39%	1.583%
27	8.958	1013	1015	1020	rVB2	4120	4902	0.33%	0.030%
28	9.246	1058	1064	1076	rBV2	100805	192948	12.87%	1.172%
29	9.787	1150	1156	1172	rBV2	110523	278110	18.55%	1.689%
30	9.922	1177	1179	1182	rVB4	2610	3032	0.20%	0.018%
31	9.999	1187	1192	1194	rVB4	1731	3051	0.20%	0.019%
32	10.128	1206	1214	1227	rBV	531315	882795	58.88%	5.361%
33	10.305	1238	1244	1255	rBV2	80464	221323	14.76%	1.344%
34	10.846	1333	1336	1342	rVB3	1399	2411	0.16%	0.015%

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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Title : SVOA CALIBRATION

35	12.940	1687	1692	1695	rBV3	2748	4219	0.28%	0.026%
36	13.340	1756	1760	1761	rBV3	1630	1980	0.13%	0.012%
37	13.451	1773	1779	1785	rBV	289943	450942	30.08%	2.739%
38	13.504	1785	1788	1795	rVB2	26451	43068	2.87%	0.262%
39	13.710	1817	1823	1834	rVV	353459	511108	34.09%	3.104%
40	14.022	1870	1876	1888	rVB2	761011	1137955	75.90%	6.911%
41	14.304	1917	1924	1941	rBV4	31842	118672	7.92%	0.721%
42	14.428	1944	1945	1949	rVB3	2588	2482	0.17%	0.015%
43	14.922	2024	2029	2031	rVB3	2187	3578	0.24%	0.022%
44	14.981	2035	2039	2041	rVB3	1830	1910	0.13%	0.012%
45	15.034	2041	2048	2057	rBV	416434	666409	44.45%	4.047%
46	15.198	2071	2076	2089	rBV2	65311	137358	9.16%	0.834%
47	15.304	2093	2094	2099	rVB4	2348	2546	0.17%	0.015%
48	15.810	2178	2180	2185	rVB3	2474	4128	0.28%	0.025%
49	16.322	2262	2267	2268	rBV3	1488	2373	0.16%	0.014%
50	16.581	2305	2311	2314	rBV3	3809	6577	0.44%	0.040%
51	16.781	2339	2345	2355	rVB	998165	1330572	88.75%	8.081%
52	16.887	2357	2363	2373	rBV2	412087	694726	46.34%	4.219%
53	17.028	2385	2387	2392	rVB3	2722	4381	0.29%	0.027%
54	17.104	2396	2400	2402	rBV3	2631	3301	0.22%	0.020%
55	17.198	2414	2416	2421	rBV4	3354	4031	0.27%	0.024%
56	17.710	2499	2503	2511	rBV3	35263	58657	3.91%	0.356%
57	17.775	2513	2514	2518	rBV4	3847	4583	0.31%	0.028%
58	17.869	2527	2530	2533	rBV4	2591	3485	0.23%	0.021%
59	18.069	2561	2564	2565	rVB3	2031	1916	0.13%	0.012%
60	18.116	2569	2572	2574	rVB3	1913	2085	0.14%	0.013%
61	18.139	2574	2576	2577	rBV2	2863	2163	0.14%	0.013%
62	18.169	2580	2581	2587	rVB5	3210	4434	0.30%	0.027%
63	18.216	2587	2589	2591	rBV2	2732	2413	0.16%	0.015%
64	18.275	2596	2599	2601	rBV3	3680	3561	0.24%	0.022%
65	18.310	2601	2605	2607	rVB3	2100	2390	0.16%	0.015%
66	18.398	2618	2620	2623	rBV2	2892	2946	0.20%	0.018%
67	18.516	2637	2640	2644	rBV3	2900	4495	0.30%	0.027%
68	18.581	2649	2651	2653	rBV3	3589	3156	0.21%	0.019%
69	18.745	2675	2679	2683	rBV6	7262	12208	0.81%	0.074%
70	18.775	2683	2684	2687	rVV4	4212	2316	0.15%	0.014%
71	18.833	2689	2694	2695	rVV3	2727	3549	0.24%	0.022%

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72	18.863	2695	2699	2703	rBV4	8352	12408	0.83%	0.075%
73	18.916	2706	2708	2710	rVB2	5161	3320	0.22%	0.020%
74	18.933	2710	2711	2716	rBV4	3319	3872	0.26%	0.024%
75	19.010	2718	2724	2728	rBV8	13154	23202	1.55%	0.141%
76	19.192	2749	2755	2767	rVB	601730	859110	57.30%	5.218%
77	19.269	2767	2768	2770	rBV2	3386	1909	0.13%	0.012%
78	19.328	2776	2778	2779	rVB2	5016	2917	0.19%	0.018%
79	19.339	2779	2780	2783	rBV2	4137	3800	0.25%	0.023%
80	19.639	2829	2831	2832	rVB2	4199	2074	0.14%	0.013%
81	19.657	2832	2834	2835	rBV2	5356	4097	0.27%	0.025%
82	19.745	2847	2849	2853	rVB5	8189	9287	0.62%	0.056%
83	19.775	2853	2854	2860	rBV5	6306	8240	0.55%	0.050%
84	19.916	2876	2878	2880	rVB2	4805	2895	0.19%	0.018%
85	19.939	2880	2882	2884	rBV2	5279	4211	0.28%	0.026%
86	20.739	3014	3018	3027	rVB	124343	168804	11.26%	1.025%
87	20.810	3027	3030	3034	rBV3	19235	23341	1.56%	0.142%
88	21.004	3058	3063	3073	rBV	1127297	1499240	100.00%	9.105%
89	21.186	3091	3094	3101	rVB3	39368	49747	3.32%	0.302%
90	21.604	3162	3165	3172	rBV2	94015	121869	8.13%	0.740%
91	22.033	3235	3238	3242	rBV	117368	145153	9.68%	0.882%
92	22.504	3313	3318	3322	rBV	284162	406575	27.12%	2.469%
93	22.969	3392	3397	3402	rBV	464087	780891	52.09%	4.743%
94	23.016	3402	3405	3412	rVB2	210561	327710	21.86%	1.990%
95	23.098	3413	3419	3430	rVB2	828633	1495196	99.73%	9.081%
96	23.598	3499	3504	3511	rVB	210030	340689	22.72%	2.069%
97	23.674	3513	3517	3525	rVB4	97689	185716	12.39%	1.128%
98	24.263	3613	3617	3623	rVB2	147934	278470	18.57%	1.691%
99	24.663	3679	3685	3694	rVB	310149	618534	41.26%	3.757%
100	25.163	3765	3770	3779	rVB2	137810	321332	21.43%	1.952%

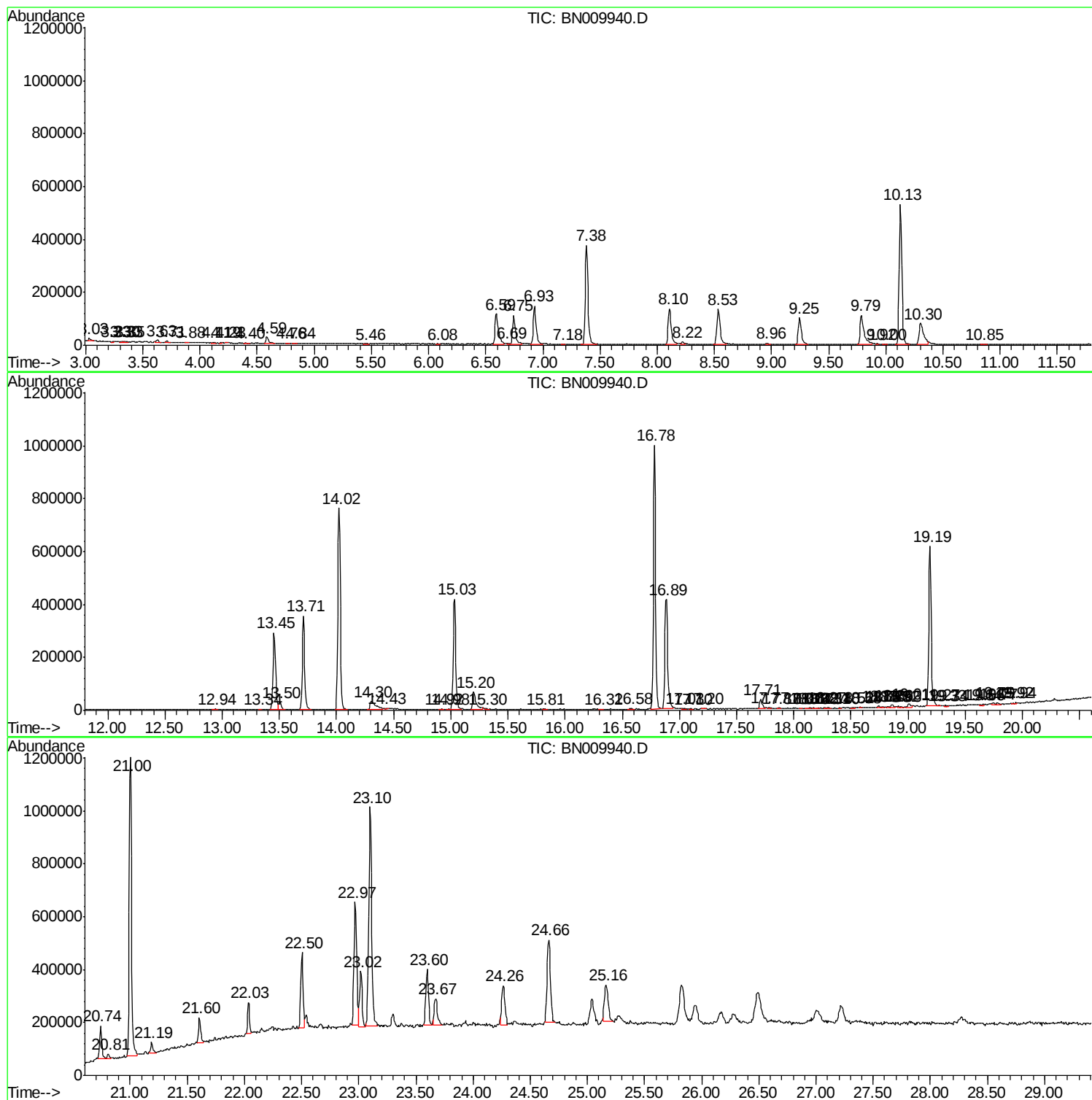
Sum of corrected areas: 16465627

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



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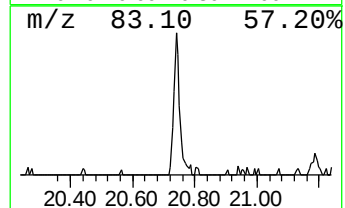
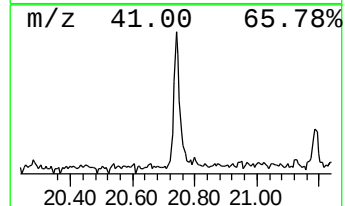
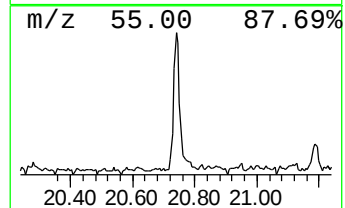
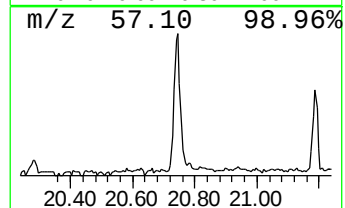
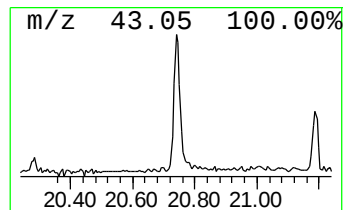
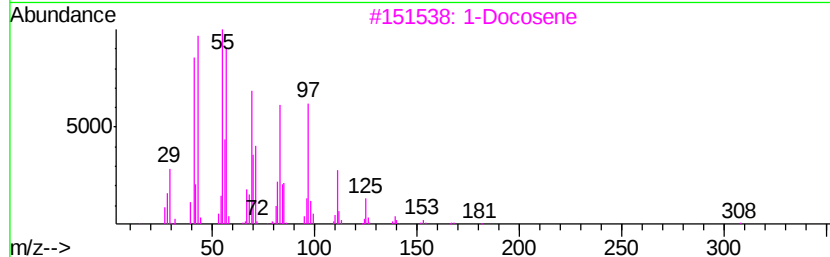
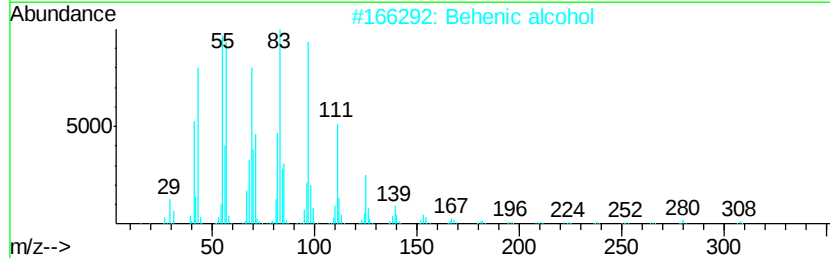
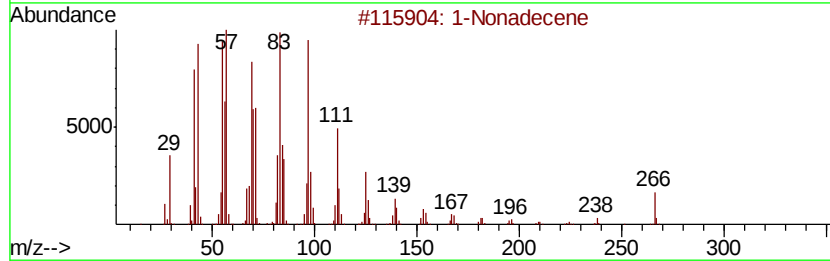
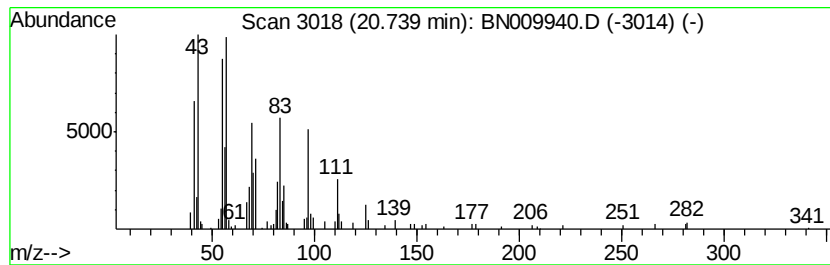
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	2.25 ng/ul	168804	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	94
2		Behenic alcohol	326	C22H46O	000661-19-8	91
3		1-Docosene	308	C22H44	001599-67-3	91
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5		1-Nonadecene	266	C19H38	018435-45-5	91



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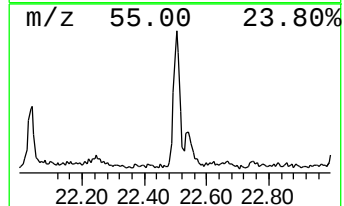
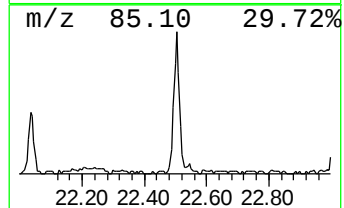
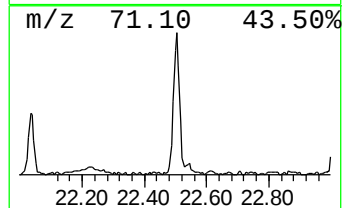
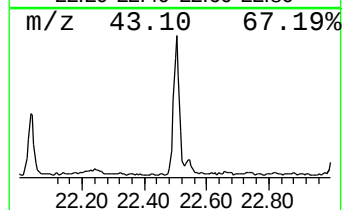
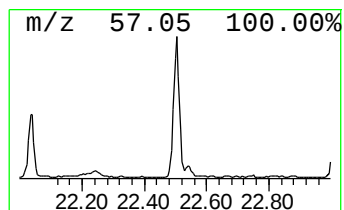
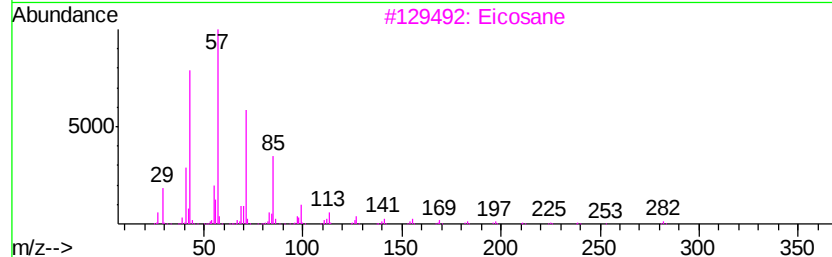
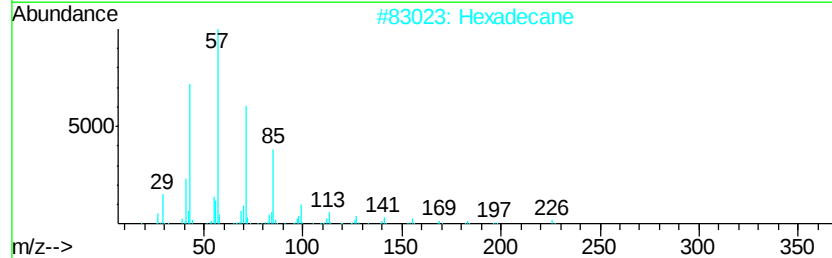
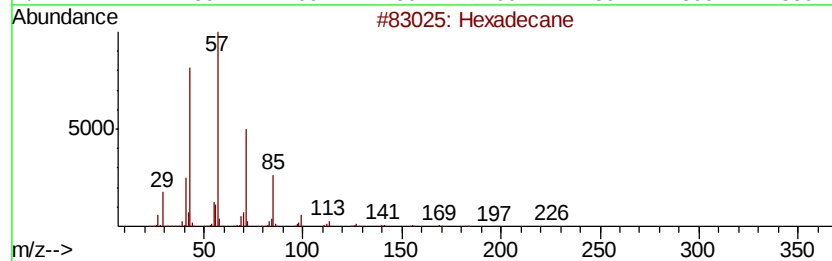
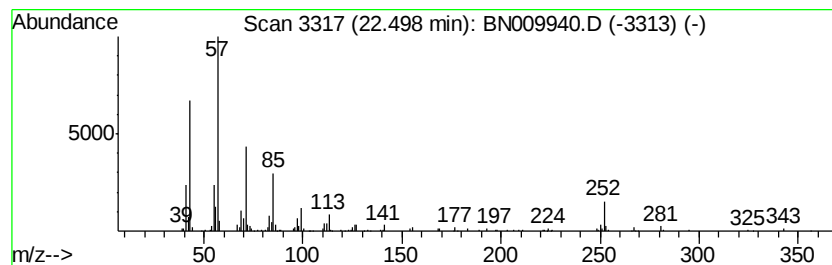
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	5.44 ng/ul	406575	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Hexadecane	226	C16H34	000544-76-3	83
3		Eicosane	282	C20H42	000112-95-8	81
4		Hentriacontane	437	C31H64	000630-04-6	80
5		Eicosane	282	C20H42	000112-95-8	76



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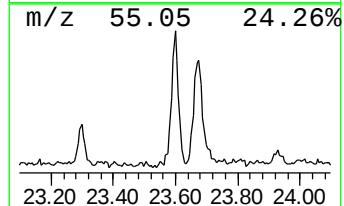
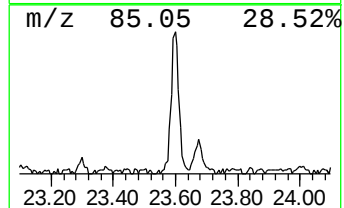
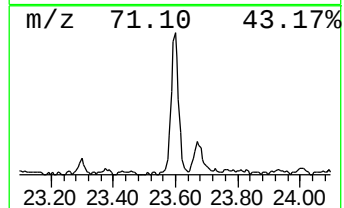
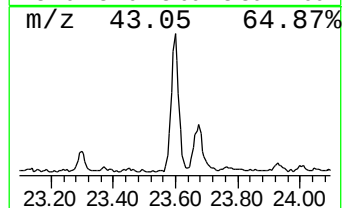
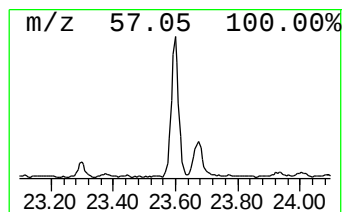
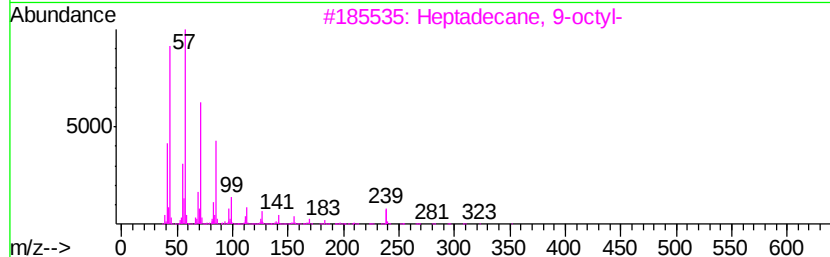
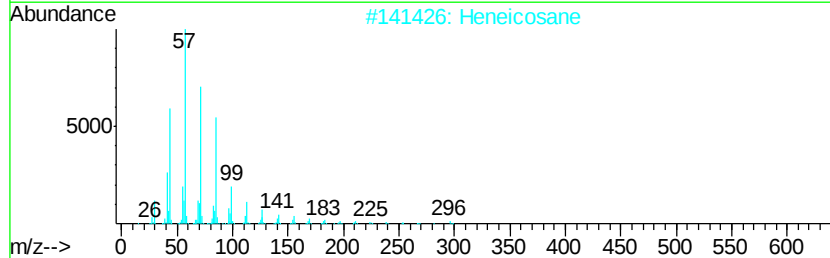
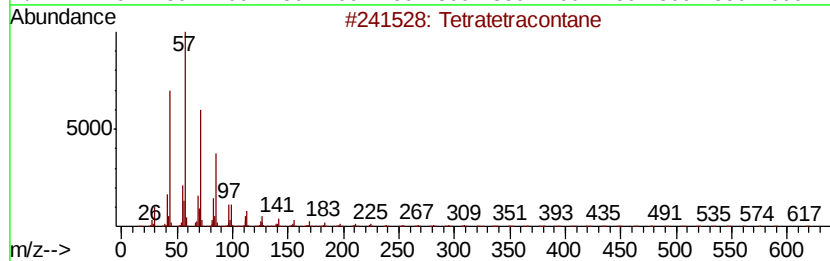
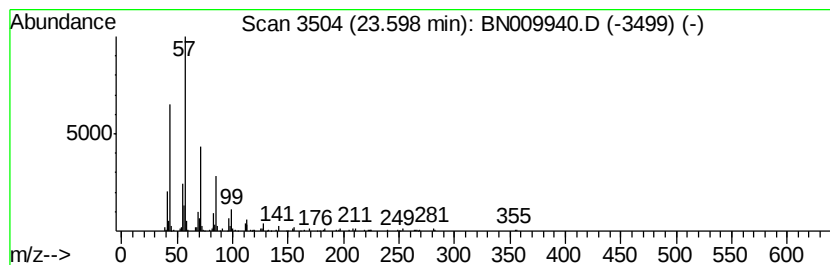
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	4.56 ng/ul	340689	Perylene-d12	23.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	90
2			Heneicosane	296	C21H44	000629-94-7	87
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4			Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5			2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009940.D
Acq On : 26 Feb 2020 22:19
Operator : CG/JU
Sample : L1612-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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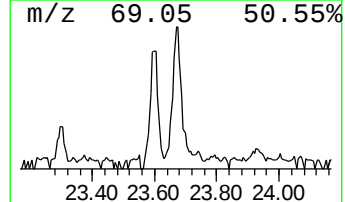
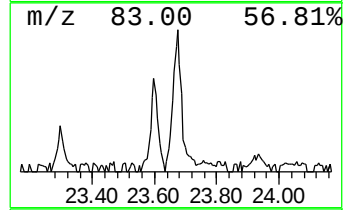
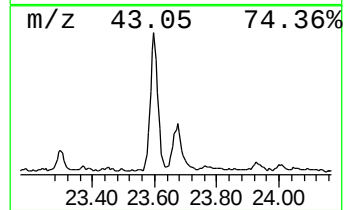
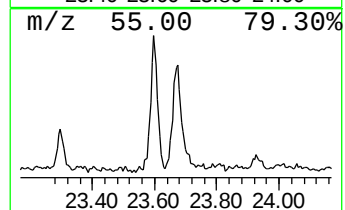
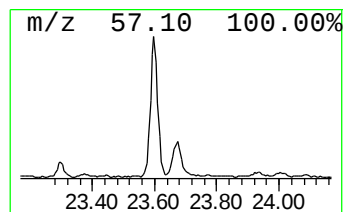
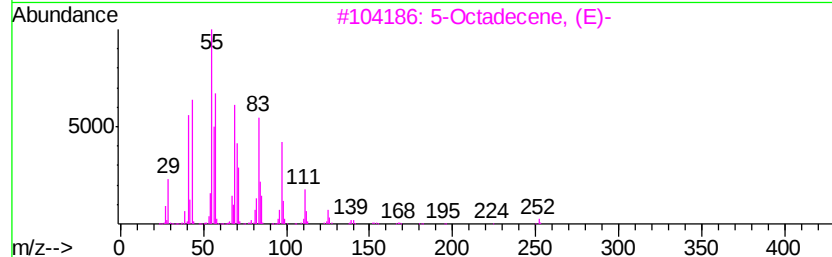
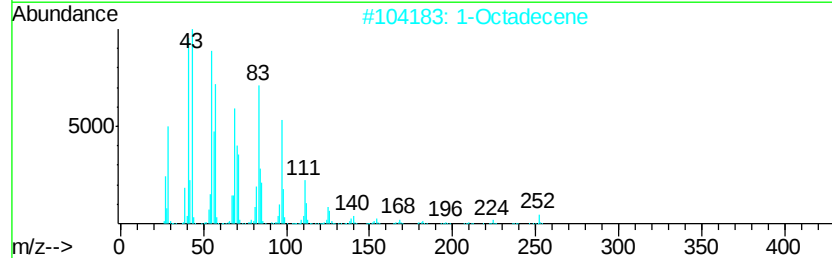
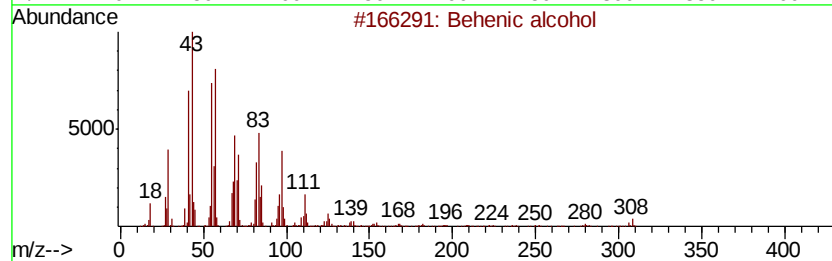
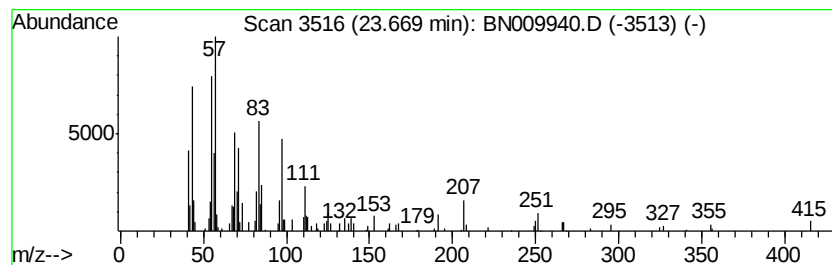
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Behenic alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	2.48 ng/ul	185716	Perylene-d12	23.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	68
2		1-Octadecene	252	C18H36	000112-88-9	64
3		5-Octadecene, (E)-	252	C18H36	007206-21-5	58
4		1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	49
5		E-15-Heptadecenal	252	C17H32O	1000130-97-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009940.D
Acq On : 26 Feb 2020 22:19
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Sample : L1612-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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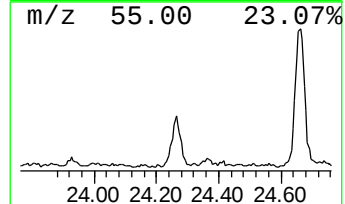
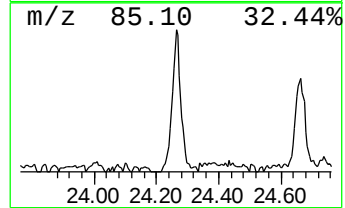
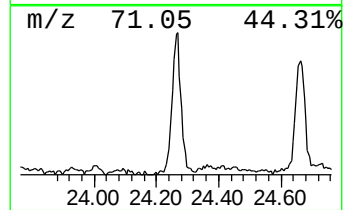
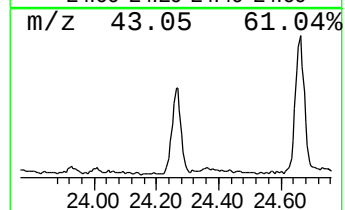
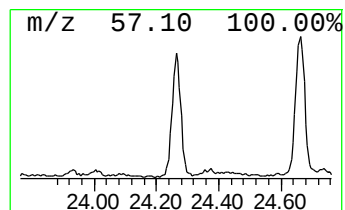
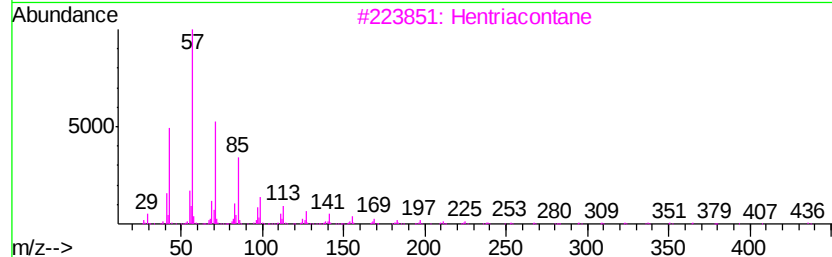
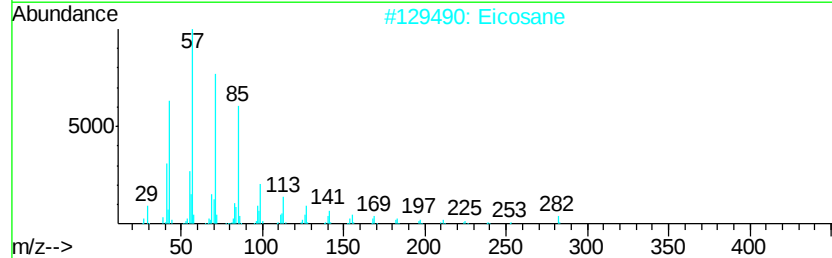
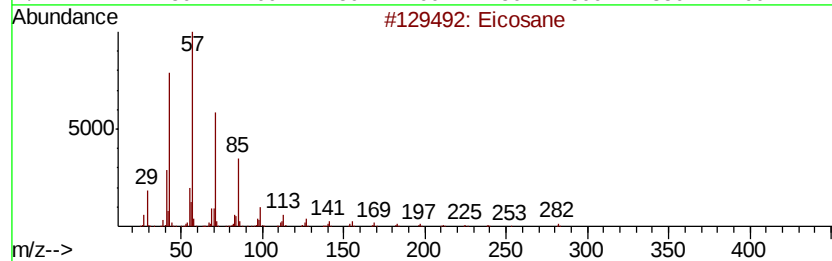
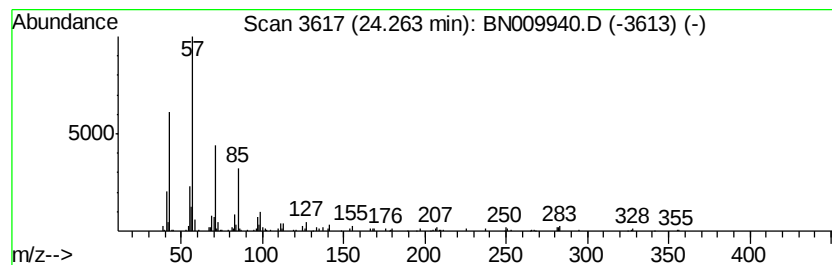
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.26	3.72 ng/ul	278470	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Eicosane	282	C20H42	000112-95-8	89
3		Hentriacontane	437	C31H64	000630-04-6	83
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80
5		Pentadecane	212	C15H32	000629-62-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009940.D
Acq On : 26 Feb 2020 22:19
Operator : CG/JU
Sample : L1612-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDL3

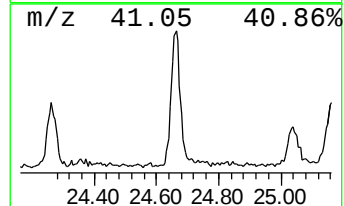
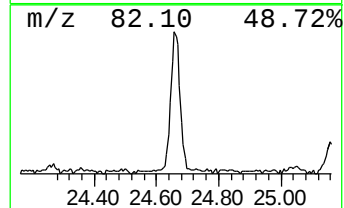
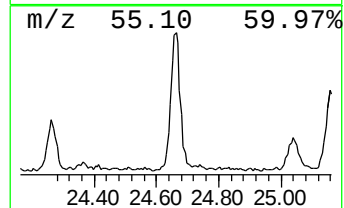
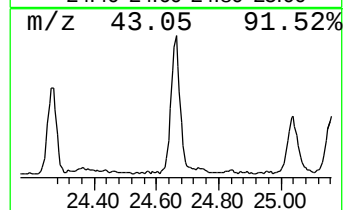
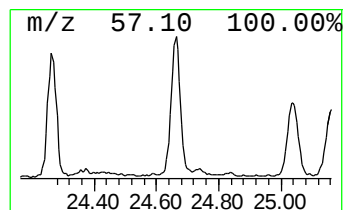
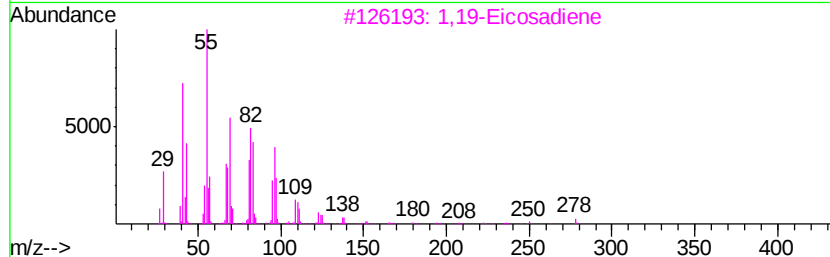
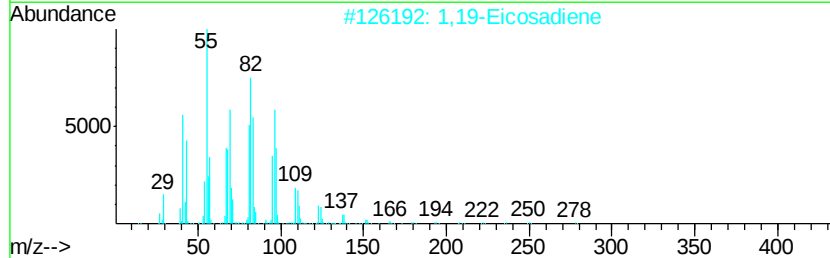
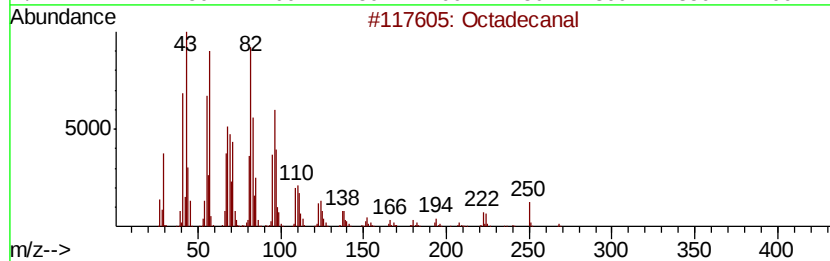
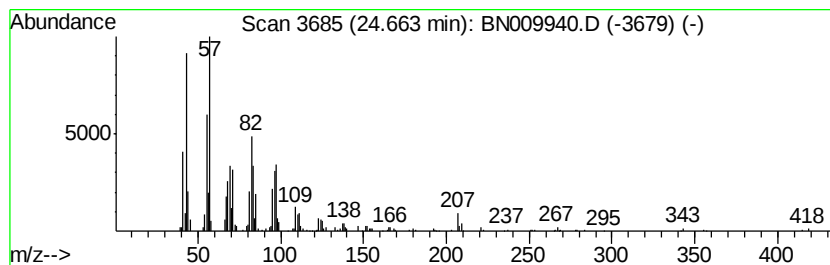
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.66	8.27 ng/ul	618534	Perylene-d12	23.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal		268	C18H36O	000638-66-4	93
2	1,19-Eicosadiene		278	C20H38	014811-95-1	86
3	1,19-Eicosadiene		278	C20H38	014811-95-1	83
4	9-Octadecen-1-ol, (Z)-		268	C18H36O	000143-28-2	81
5	Octadecanal		268	C18H36O	000638-66-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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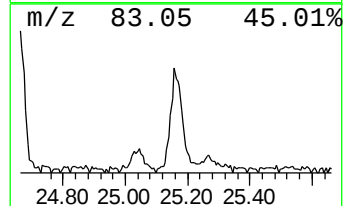
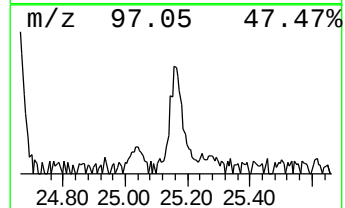
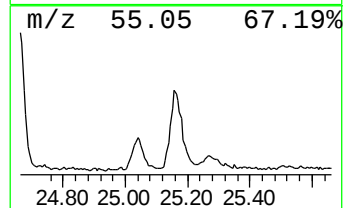
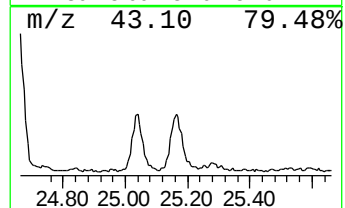
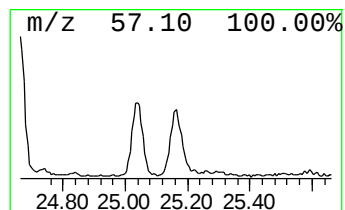
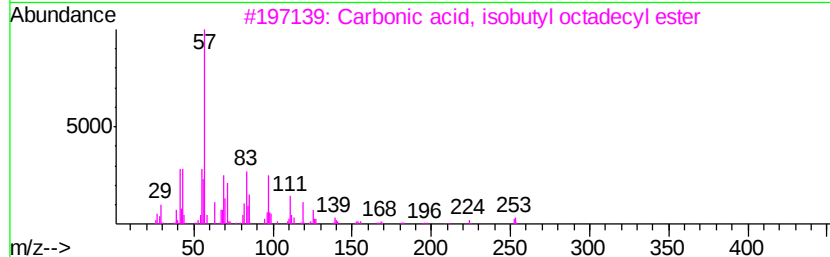
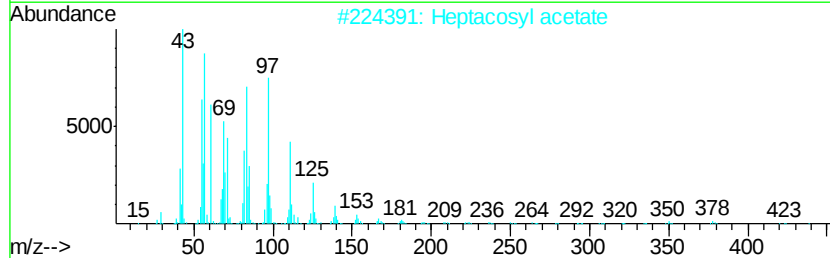
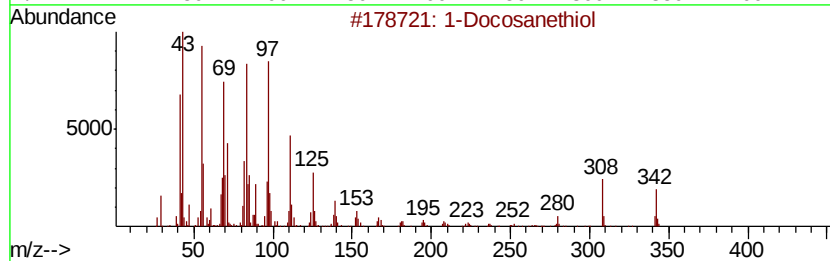
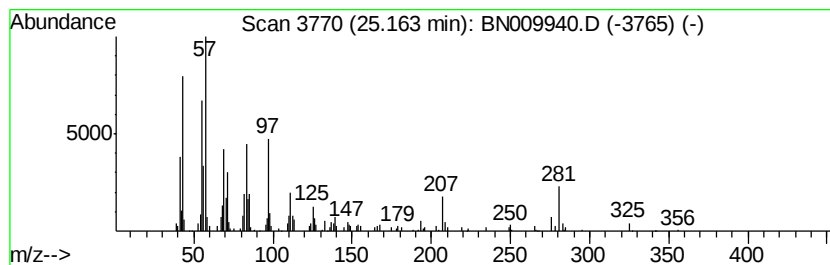
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Docosanethiol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.16	4.30 ng/ul	321332	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosanethiol	342	C22H46S	007773-83-3	89
2		Heptacosyl acetate	438	C29H58O2	1000351-78-2	68
3		Carbonic acid, isobutyl octadecyl...	370	C23H46O3	1000314-61-5	68
4		Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	68
5		1-Octadecanol	270	C18H38O	000112-92-5	58



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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDL3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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...	20.74	2.3	ng/ul	168804	5	21.00	1499240	20.0
(DEL) Alkane: Str...	22.50	5.4	ng/ul	406575	6	23.10	1495200	20.0
(DEL) Alkane: Str...	23.60	4.6	ng/ul	340689	6	23.10	1495200	20.0
Behenic alcohol	23.67	2.5	ng/ul	185716	6	23.10	1495200	20.0
(DEL) Alkane: Str...	24.26	3.7	ng/ul	278470	6	23.10	1495200	20.0
Octadecanal	24.66	8.3	ng/ul	618534	6	23.10	1495200	20.0
1-Docosanethiol	25.16	4.3	ng/ul	321332	6	23.10	1495200	20.0