

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
 Data File : BM021348.D
 Acq On : 02 Jul 2019 18:12
 Operator : HP/JU
 Sample : K3594-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BD1

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-BM061419MA.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	4.399	236	240	246	rVB	180721	247332	7.03%	0.542%
2	6.846	652	656	662	rVB	113025	163990	4.66%	0.359%
3	6.922	663	669	680	rVB	512035	853497	24.27%	1.869%
4	7.093	692	698	708	rVB	376014	603220	17.15%	1.321%
5	7.281	724	730	740	rVB	543425	877654	24.95%	1.922%
6	7.751	803	810	818	rBV	687738	1101337	31.31%	2.411%
7	8.457	923	930	938	rBV	686299	1168002	33.21%	2.557%
8	8.910	1001	1007	1018	rBV	525411	871645	24.78%	1.908%
9	9.063	1029	1033	1040	rVB3	20906	32307	0.92%	0.071%
10	9.275	1064	1069	1076	rVB	68618	101628	2.89%	0.223%
11	9.628	1121	1129	1140	rBV	468191	775073	22.04%	1.697%
12	10.163	1213	1220	1233	rBV	762471	1339442	38.08%	2.933%
13	10.534	1275	1283	1290	rBV	1050489	1742770	49.55%	3.816%
14	10.681	1302	1308	1322	rBV	675919	1247566	35.47%	2.731%
15	11.328	1414	1418	1419	rBV3	3418	3939	0.11%	0.009%
16	11.486	1441	1445	1451	rBV6	6367	8951	0.25%	0.020%
17	11.763	1487	1492	1497	rVB2	51573	75268	2.14%	0.165%
18	12.128	1550	1554	1559	rVB	11140	18279	0.52%	0.040%
19	12.380	1593	1597	1601	rBV2	4706	7024	0.20%	0.015%
20	12.739	1652	1658	1662	rBV6	8735	14977	0.43%	0.033%
21	12.839	1673	1675	1682	rVB4	4242	6427	0.18%	0.014%
22	12.986	1695	1700	1706	rBV3	10644	17653	0.50%	0.039%
23	13.198	1733	1736	1740	rBV6	2657	3867	0.11%	0.008%
24	13.275	1740	1749	1756	rVB2	32977	53558	1.52%	0.117%
25	13.339	1756	1760	1766	rBV5	4900	9481	0.27%	0.021%
26	13.804	1829	1839	1844	rBV	1608025	2212982	62.92%	4.845%
27	13.851	1844	1847	1854	rVV	230853	312638	8.89%	0.684%
28	13.898	1854	1855	1860	rVB3	3843	4182	0.12%	0.009%
29	14.086	1880	1887	1896	rVB	1661026	2385578	67.82%	5.223%
30	14.251	1912	1915	1916	rBV2	4375	3880	0.11%	0.008%
31	14.280	1918	1920	1924	rVB4	4447	4150	0.12%	0.009%
32	14.392	1931	1939	1949	rBV2	1622387	2497838	71.02%	5.469%
33	14.616	1969	1977	1991	rBV	304545	585779	16.65%	1.283%
34	14.804	2007	2009	2010	rBV2	3771	3666	0.10%	0.008%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
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35	14.827	2010	2013	2019	rVB5	12084	19820	0.56%	0.043%
36	15.033	2045	2048	2059	rBV9	13660	30013	0.85%	0.066%
37	15.145	2063	2067	2070	rVB4	2747	3934	0.11%	0.009%
38	15.180	2070	2073	2077	rBV	11327	14951	0.43%	0.033%
39	15.221	2077	2080	2086	rVB4	5070	8633	0.25%	0.019%
40	15.339	2095	2100	2102	rBV	31992	37147	1.06%	0.081%
41	15.386	2102	2108	2116	rVV	2058171	2996927	85.21%	6.562%
42	15.521	2124	2131	2141	rBV	353139	522831	14.86%	1.145%
43	15.627	2144	2149	2155	rVV2	29980	43882	1.25%	0.096%
44	15.680	2155	2158	2162	rVB4	4678	5741	0.16%	0.013%
45	15.945	2196	2203	2210	rBV7	29054	65567	1.86%	0.144%
46	16.021	2212	2216	2221	rVB6	5769	10238	0.29%	0.022%
47	16.092	2225	2228	2229	rBV2	5079	4061	0.12%	0.009%
48	16.168	2238	2241	2245	rVB2	8786	12372	0.35%	0.027%
49	16.263	2252	2257	2261	rBV4	7001	10988	0.31%	0.024%
50	16.345	2268	2271	2275	rBV5	4037	5691	0.16%	0.012%
51	16.410	2277	2282	2286	rVV6	3714	4892	0.14%	0.011%
52	16.468	2286	2292	2299	rBV4	27289	53161	1.51%	0.116%
53	16.539	2299	2304	2308	rVV4	14390	24951	0.71%	0.055%
54	16.586	2308	2312	2316	rVB	30139	35967	1.02%	0.079%
55	16.686	2324	2329	2332	rBV3	9214	13933	0.40%	0.031%
56	16.763	2337	2342	2350	rBV2	54703	103994	2.96%	0.228%
57	16.886	2357	2363	2367	rBV9	7643	15335	0.44%	0.034%
58	16.927	2367	2370	2374	rVB3	6456	10018	0.28%	0.022%
59	17.033	2384	2388	2391	rBV3	9888	16207	0.46%	0.035%
60	17.063	2391	2393	2396	rVB4	9280	9454	0.27%	0.021%
61	17.098	2396	2399	2401	rBV3	6923	9175	0.26%	0.020%
62	17.145	2401	2407	2412	rVV	1970224	2708402	77.00%	5.930%
63	17.186	2412	2414	2417	rVV	56374	59635	1.70%	0.131%
64	17.239	2417	2423	2433	rVB2	2116089	2962847	84.24%	6.487%
65	17.345	2438	2441	2445	rVB4	7653	9639	0.27%	0.021%
66	17.527	2466	2472	2480	rBV3	80602	147190	4.18%	0.322%
67	17.651	2490	2493	2501	rVB2	29690	44903	1.28%	0.098%
68	17.721	2503	2505	2508	rBV3	4168	4484	0.13%	0.010%
69	17.804	2517	2519	2522	rBV5	5890	4973	0.14%	0.011%
70	17.915	2536	2538	2541	rVB3	8332	8092	0.23%	0.018%
71	17.980	2544	2549	2552	rBV6	19191	33040	0.94%	0.072%

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72	18.027	2552	2557	2562	rBV2	126078	190173	5.41%	0.416%
73	18.104	2568	2570	2574	rVB	15536	15903	0.45%	0.035%
74	18.151	2576	2578	2583	rVB6	13808	15695	0.45%	0.034%
75	18.209	2583	2588	2591	rBV3	18281	36162	1.03%	0.079%
76	18.327	2602	2608	2611	rBV8	18015	33014	0.94%	0.072%
77	18.374	2614	2616	2621	rVB5	12868	17038	0.48%	0.037%
78	18.521	2639	2641	2644	rVB4	10884	10045	0.29%	0.022%
79	18.574	2647	2650	2651	rBV2	9669	9842	0.28%	0.022%
80	18.598	2651	2654	2658	rVB2	30400	36803	1.05%	0.081%
81	18.762	2680	2682	2685	rBV4	9161	10723	0.30%	0.023%
82	18.898	2700	2705	2712	rBV2	143930	247586	7.04%	0.542%
83	19.168	2748	2751	2752	rBV3	30161	31468	0.89%	0.069%
84	19.204	2753	2757	2763	rVB	181513	286790	8.15%	0.628%
85	19.315	2772	2776	2781	rBV3	44919	75652	2.15%	0.166%
86	19.404	2787	2791	2793	rBV3	30074	43341	1.23%	0.095%
87	19.539	2808	2814	2828	rBV	2524411	3458301	98.32%	7.572%
88	20.068	2898	2904	2908	rBV3	86031	176709	5.02%	0.387%
89	20.462	2968	2971	2976	rBV3	75297	93837	2.67%	0.205%
90	21.033	3065	3068	3077	rVB2	249669	375765	10.68%	0.823%
91	21.327	3114	3118	3123	rBV	1717220	2231077	63.43%	4.885%
92	21.939	3219	3222	3229	rVB2	186645	271733	7.73%	0.595%
93	22.609	3333	3336	3341	rVB	352814	460484	13.09%	1.008%
94	22.886	3380	3383	3387	rBV	365717	471380	13.40%	1.032%
95	22.944	3389	3393	3403	rVB2	548572	1031908	29.34%	2.259%
96	23.456	3474	3480	3497	rVB	1804842	3517259	100.00%	7.701%
97	23.603	3499	3505	3513	rVB	1276523	2383859	67.78%	5.219%
98	24.109	3587	3591	3598	rVB	420434	712823	20.27%	1.561%

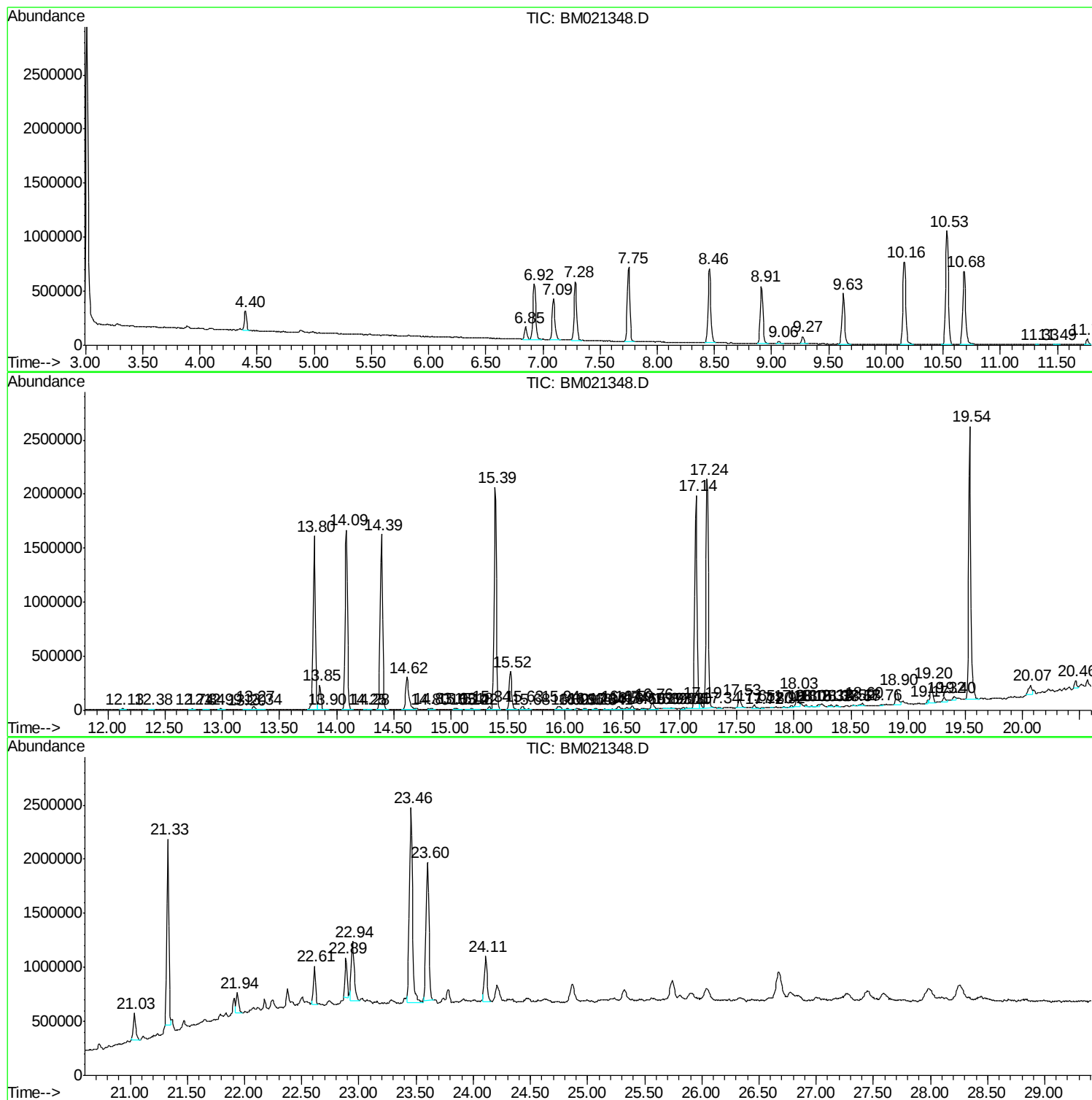
Sum of corrected areas: 45674038

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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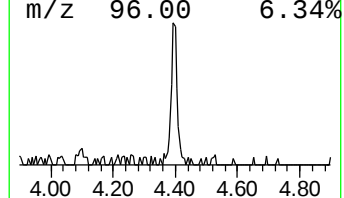
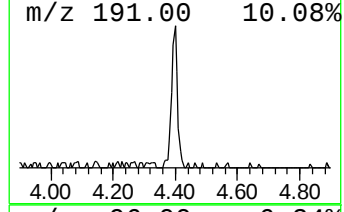
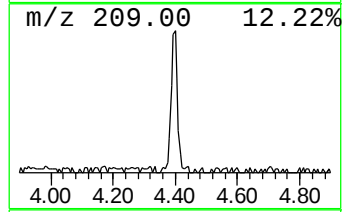
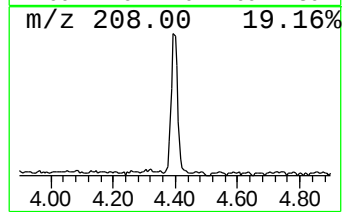
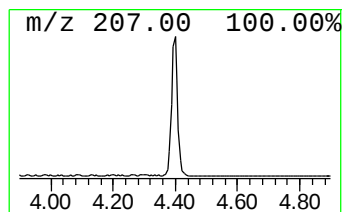
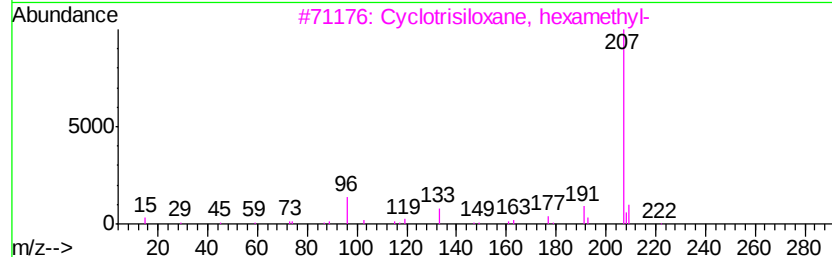
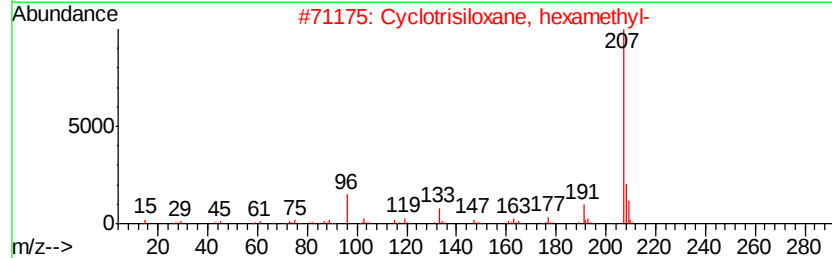
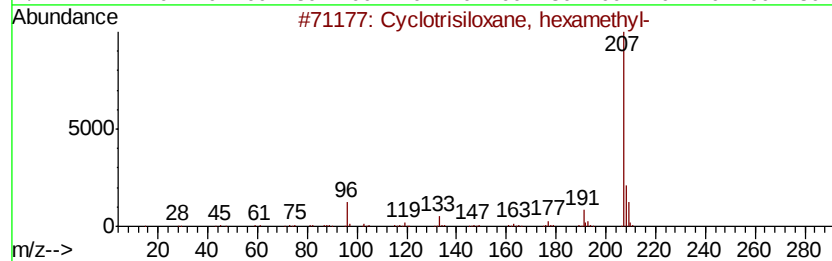
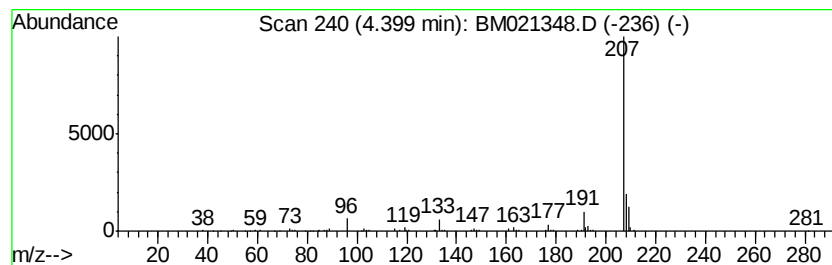
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	4.49 ng/ul	247332	1,4-Dichlorobenzene-d4	7.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
3			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
4			Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
5			1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39



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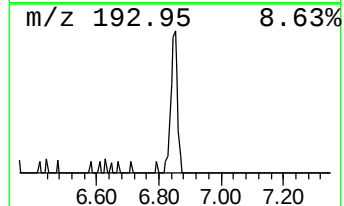
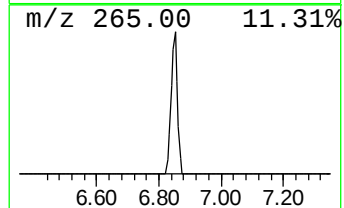
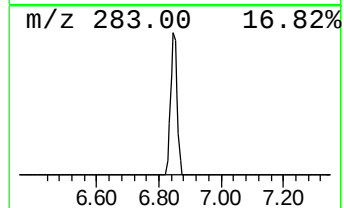
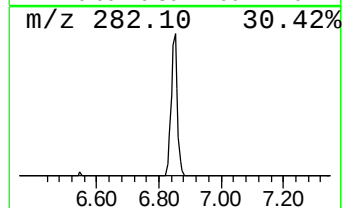
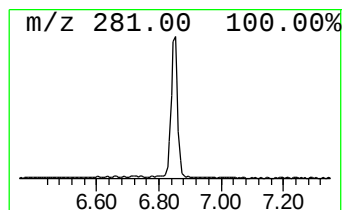
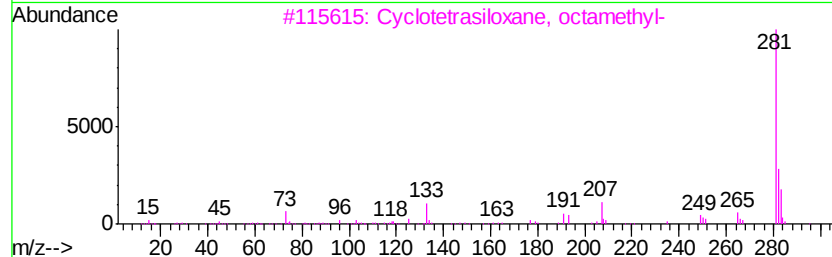
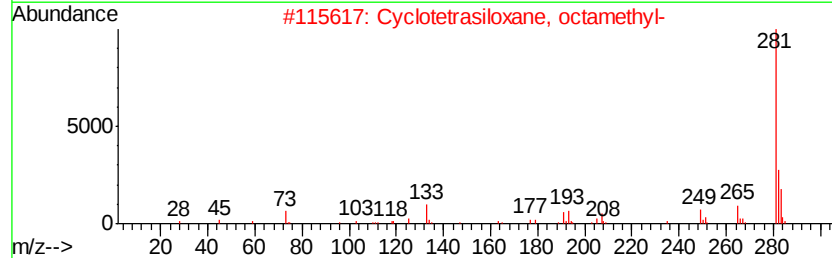
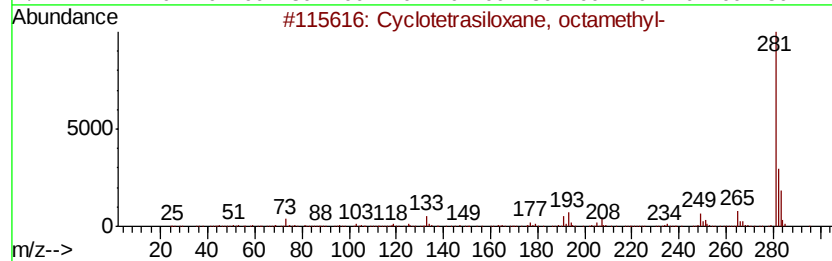
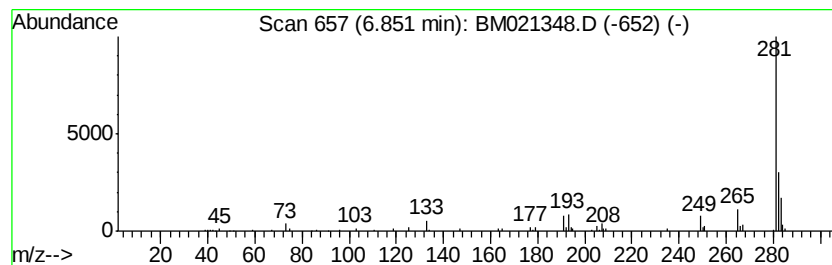
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclotetrasiloxane, octamet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	2.98 ng/ul	163990	1,4-Dichlorobenzene-d4	7.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
3		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	90
4		Benzene, 1-phenyl-4-(2-cyano-2-p...	281	C21H15N	027869-56-3	64
5		7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	56



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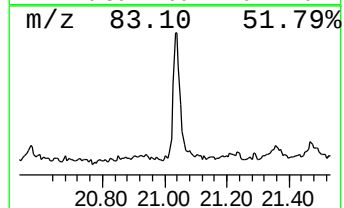
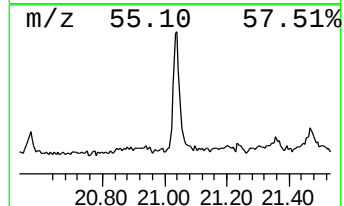
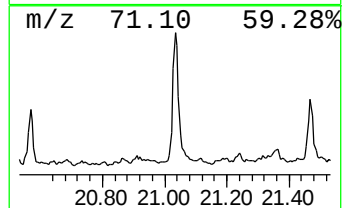
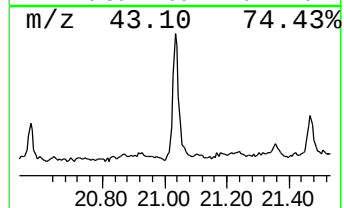
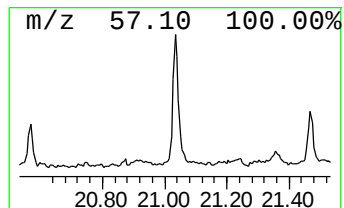
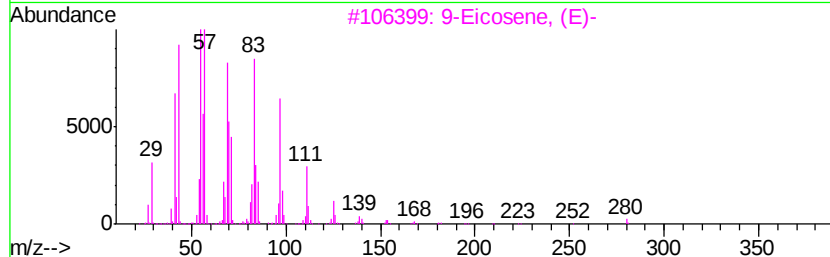
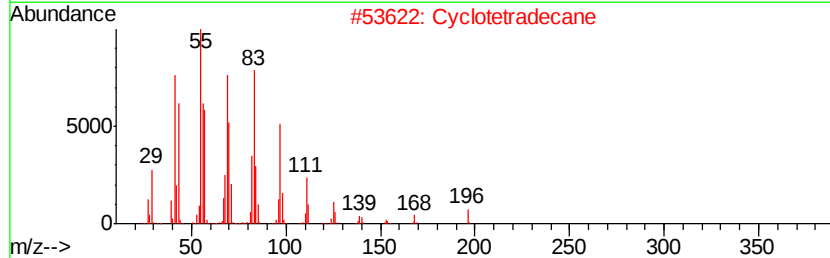
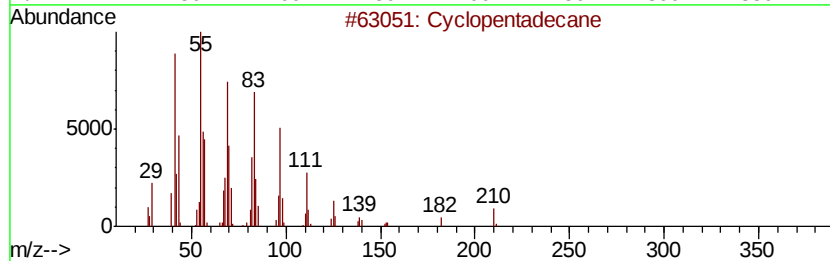
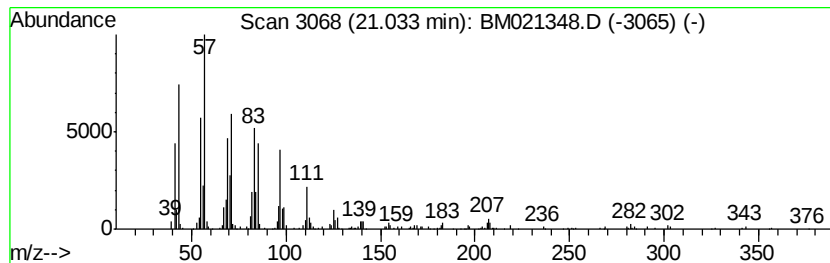
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	3.37 ng/ul	375765	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	96
2		Cyclotetradecane	196	C14H28	000295-17-0	90
3		9-Eicosene, (E)-	280	C20H40	074685-29-3	86
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	86
5		17-Pentatriacontene	491	C35H70	006971-40-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021348.D
Acq On : 02 Jul 2019 18:12
Operator : HP/JU
Sample : K3594-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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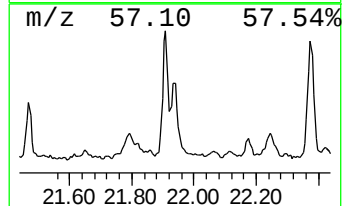
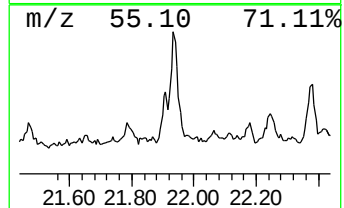
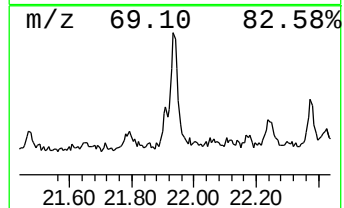
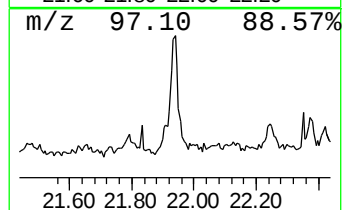
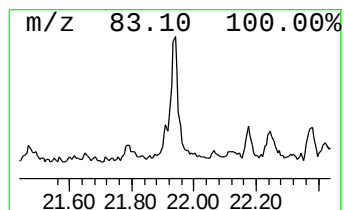
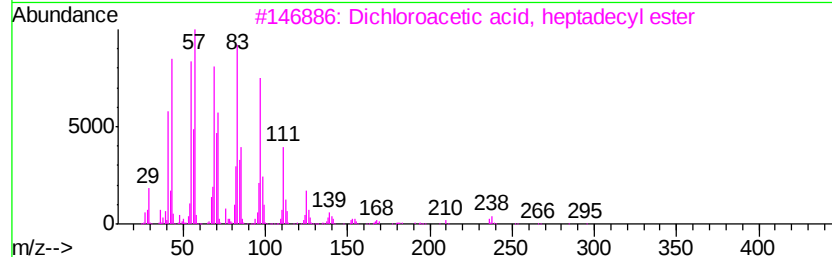
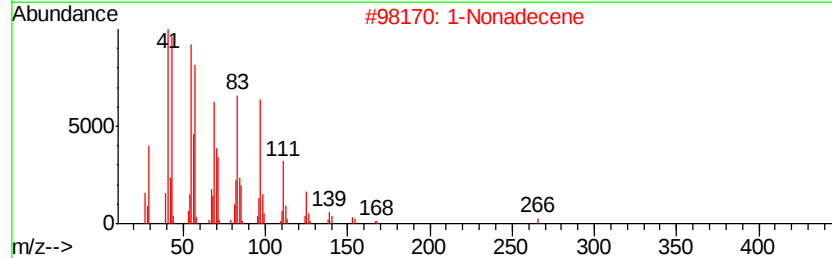
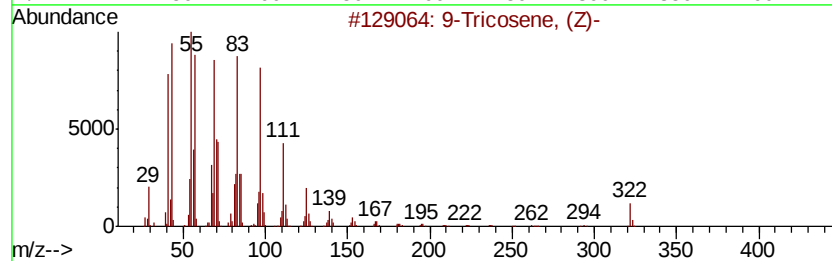
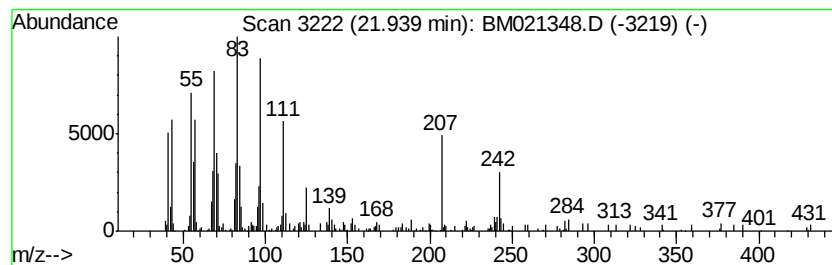
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic21.94 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	2.44 ng/ul	271733	Chrysene-d12	21.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-		322	C23H46	027519-02-4	90
2	1-Nonadecene		266	C19H38	018435-45-5	78
3	Dichloroacetic acid, heptadecyl ...		366	C19H36Cl2O2	1000282-98-2	72
4	9-Nonadecene		266	C19H38	031035-07-1	64
5	Cyclotetradecane		196	C14H28	000295-17-0	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021348.D
Acq On : 02 Jul 2019 18:12
Operator : HP/JU
Sample : K3594-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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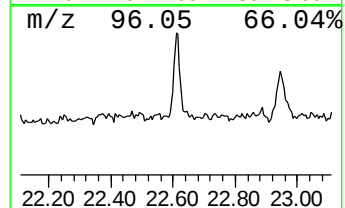
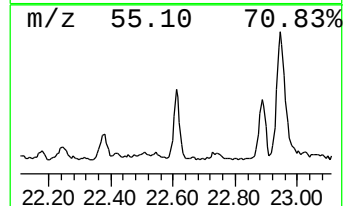
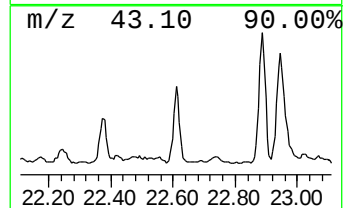
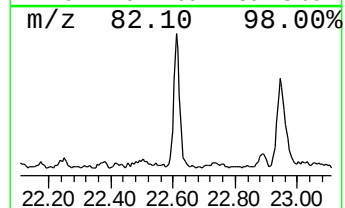
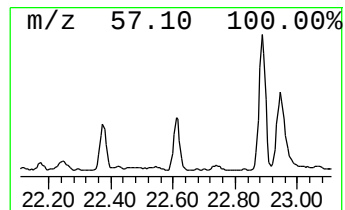
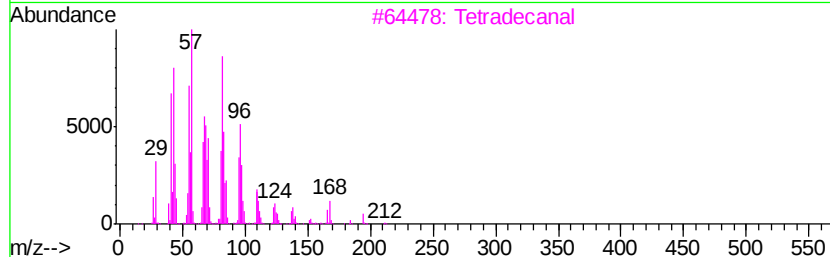
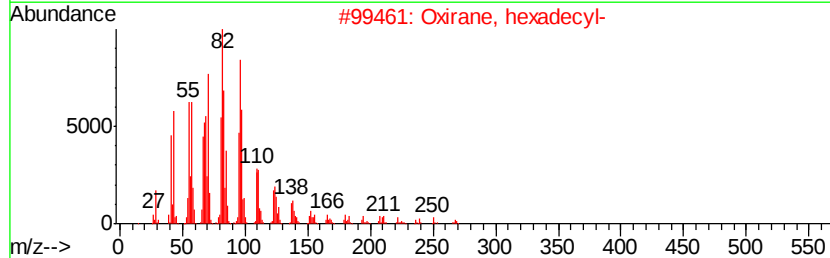
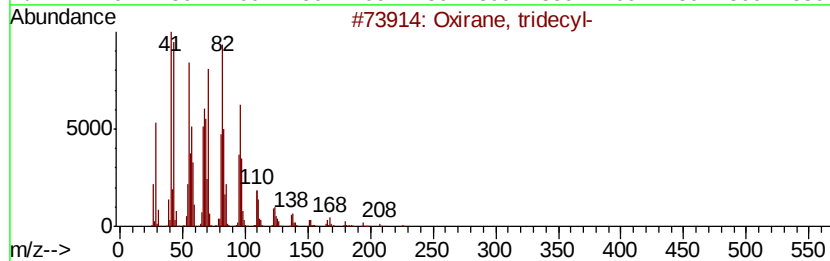
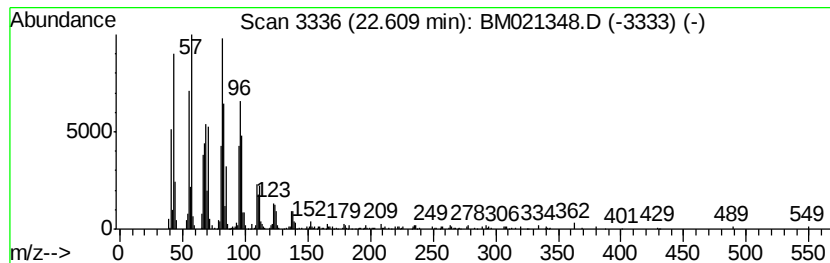
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Oxirane, tridecyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	3.86 ng/ul	460484	Perylene-d12	23.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, tridecyl-	226	C15H30O	018633-25-5	91	
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91	
3	Tetradecanal	212	C14H28O	000124-25-4	91	
4	Octadecanal	268	C18H36O	000638-66-4	91	
5	Octadecanal	268	C18H36O	000638-66-4	90	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021348.D
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Operator : HP/JU
Sample : K3594-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BD1

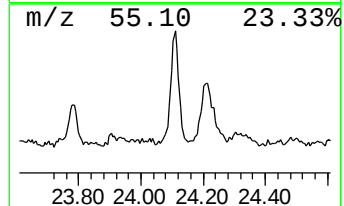
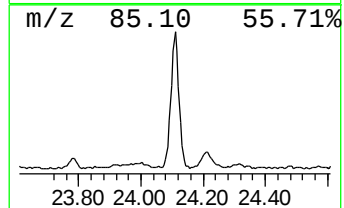
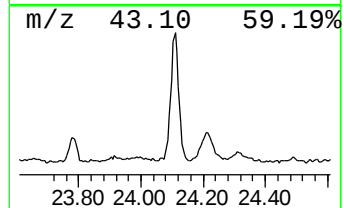
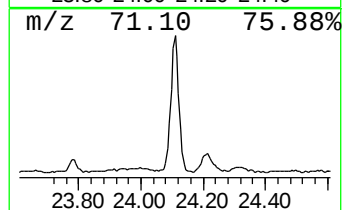
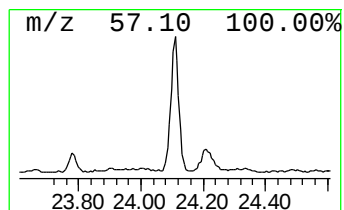
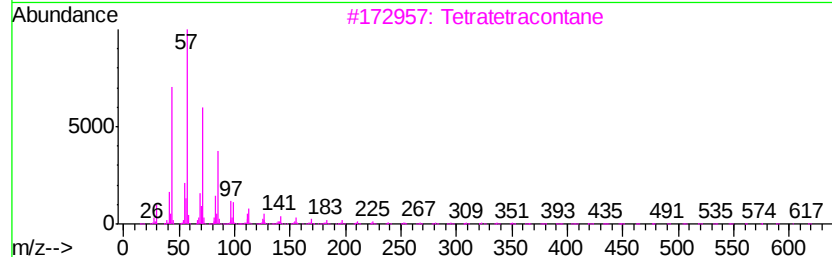
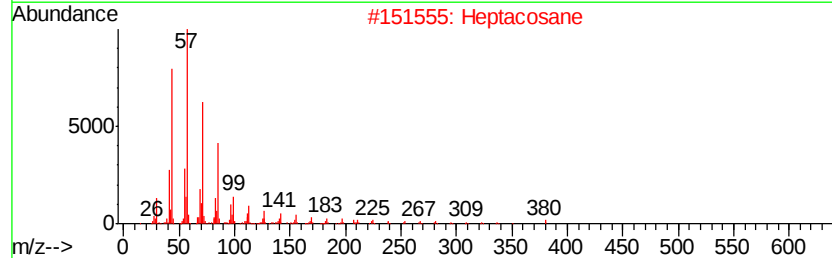
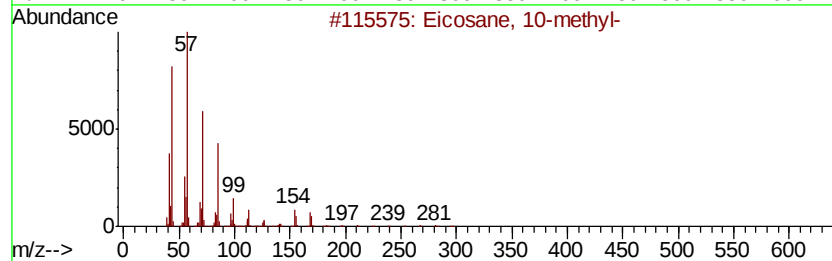
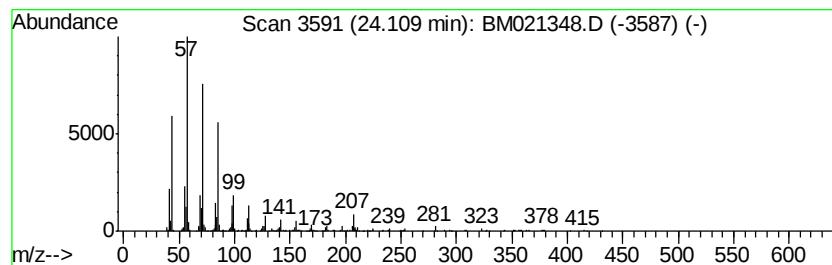
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	5.98 ng/ul	712823	Perylene-d12	23.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2			Heptacosane	380	C27H56	000593-49-7	91
3			Tetratetracontane	619	C44H90	007098-22-8	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070219\
Data File : BM021348.D
Acq On : 02 Jul 2019 18:12
Operator : HP/JU
Sample : K3594-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclotrisiloxane,...	4.40	4.5	ng/ul	247332	1	7.75	1101340	20.0
Cyclotetrasiloxan...	6.85	3.0	ng/ul	163990	1	7.75	1101340	20.0
(DEL) Alkane: Cyc...	21.03	3.4	ng/ul	375765	5	21.33	2231080	20.0
(DEL) Alkane: Cyc...	21.94	2.4	ng/ul	271733	5	21.33	2231080	20.0
Oxirane, tridecyl-	22.61	3.9	ng/ul	460484	6	23.60	2383860	20.0
(DEL) Alkane: Str...	24.11	6.0	ng/ul	712823	6	23.60	2383860	20.0