

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123119\
 Data File : BM024400.D
 Acq On : 31 Dec 2019 17:40
 Operator : JU
 Sample : K6308-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0C56

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-BM121719MA.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	4.110	203	208	213	rVB4	16872	30561	0.99%	0.078%
2	5.775	489	491	494	rBV3	2830	3459	0.11%	0.009%
3	6.563	618	625	630	rBV	149101	210692	6.84%	0.541%
4	6.616	630	634	637	rBV	116249	201647	6.55%	0.518%
5	6.763	653	659	672	rBV	369789	643534	20.89%	1.653%
6	6.945	685	690	702	rBV	435156	752849	24.44%	1.933%
7	7.404	762	768	779	rBV	699750	1149743	37.33%	2.953%
8	7.504	782	785	789	rVB5	6121	8633	0.28%	0.022%
9	7.951	859	861	866	rVB5	3094	3590	0.12%	0.009%
10	8.139	888	893	910	rBV	189564	408159	13.25%	1.048%
11	8.381	929	934	935	rVB3	3281	4722	0.15%	0.012%
12	8.492	952	953	958	rBV4	3554	3696	0.12%	0.009%
13	8.563	958	965	981	rBV	422183	813856	26.42%	2.090%
14	8.751	994	997	999	rVB4	5239	5352	0.17%	0.014%
15	8.986	1031	1037	1042	rBV	93327	139627	4.53%	0.359%
16	9.186	1067	1071	1073	rBV2	3317	3221	0.10%	0.008%
17	9.280	1080	1087	1108	rBV	335399	643440	20.89%	1.652%
18	9.828	1173	1180	1208	rVV	369188	990338	32.15%	2.543%
19	10.169	1231	1238	1251	rBV	988591	1644009	53.37%	4.222%
20	10.351	1266	1269	1272	rVB5	3714	4286	0.14%	0.011%
21	11.204	1413	1414	1419	rBV4	2620	3953	0.13%	0.010%
22	11.380	1441	1444	1448	rVB5	2553	3874	0.13%	0.010%
23	11.469	1454	1459	1465	rVB	16551	22811	0.74%	0.059%
24	11.627	1480	1486	1491	rBV5	4990	10808	0.35%	0.028%
25	11.804	1511	1516	1524	rVB6	6898	17913	0.58%	0.046%
26	11.880	1526	1529	1531	rVB4	3126	3678	0.12%	0.009%
27	12.098	1562	1566	1569	rBV4	2679	4216	0.14%	0.011%
28	12.474	1625	1630	1634	rVB5	2504	4792	0.16%	0.012%
29	12.904	1698	1703	1712	rBV3	12851	19502	0.63%	0.050%
30	13.245	1756	1761	1762	rBV3	2967	3893	0.13%	0.010%
31	13.392	1781	1786	1789	rBV5	4884	7988	0.26%	0.021%
32	13.439	1793	1794	1798	rVV4	4304	3992	0.13%	0.010%
33	13.498	1798	1804	1809	rVV	1058617	1509111	48.99%	3.876%
34	13.545	1809	1812	1821	rVV	102830	176033	5.71%	0.452%

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35	13.616	1821	1824	1833	rVB8	5403	11484	0.37%	0.029%
36	13.686	1833	1836	1841	rVB5	2294	3225	0.10%	0.008%
37	13.757	1841	1848	1863	rBV	1199675	1789632	58.10%	4.596%
38	13.998	1885	1889	1894	rVB3	14527	18436	0.60%	0.047%
39	14.068	1894	1901	1910	rBV2	1399522	2084498	67.67%	5.353%
40	14.392	1951	1956	1964	rBV5	21576	70319	2.28%	0.181%
41	14.492	1970	1973	1977	rVB5	7299	13280	0.43%	0.034%
42	14.533	1977	1980	1984	rVV5	6694	12567	0.41%	0.032%
43	14.563	1984	1985	1988	rVV3	6748	5791	0.19%	0.015%
44	14.627	1992	1996	2000	rVB4	6135	10171	0.33%	0.026%
45	14.698	2006	2008	2011	rVV4	4134	4793	0.16%	0.012%
46	14.757	2015	2018	2023	rBV7	3327	5193	0.17%	0.013%
47	14.857	2030	2035	2040	rBV	14692	26377	0.86%	0.068%
48	14.957	2049	2052	2056	rVB2	16067	19904	0.65%	0.051%
49	15.074	2066	2072	2086	rBV	1614039	2352943	76.39%	6.043%
50	15.239	2095	2100	2111	rBV	272596	500345	16.24%	1.285%
51	15.321	2111	2114	2120	rVB3	18296	29167	0.95%	0.075%
52	15.562	2152	2155	2156	rBV2	3805	3616	0.12%	0.009%
53	15.674	2168	2174	2177	rBV7	6455	13584	0.44%	0.035%
54	15.821	2194	2199	2204	rBV5	18137	26604	0.86%	0.068%
55	15.998	2224	2229	2232	rBV5	3965	5640	0.18%	0.014%
56	16.045	2235	2237	2241	rBV3	3534	4296	0.14%	0.011%
57	16.192	2259	2262	2266	rBV5	4406	6067	0.20%	0.016%
58	16.280	2273	2277	2279	rBV3	5054	5573	0.18%	0.014%
59	16.339	2284	2287	2291	rVB4	4283	4776	0.16%	0.012%
60	16.404	2294	2298	2304	rBV7	7432	16122	0.52%	0.041%
61	16.509	2312	2316	2320	rVB5	6855	7914	0.26%	0.020%
62	16.580	2324	2328	2330	rBV5	6030	6600	0.21%	0.017%
63	16.621	2330	2335	2337	rBV2	21752	26562	0.86%	0.068%
64	16.656	2340	2341	2344	rVV3	5180	4947	0.16%	0.013%
65	16.721	2347	2352	2354	rBV5	2901	3846	0.12%	0.010%
66	16.827	2364	2370	2375	rVV	1667858	2366778	76.84%	6.078%
67	16.868	2375	2377	2381	rVV	78603	113972	3.70%	0.293%
68	16.927	2381	2387	2401	rVB2	1579264	2420963	78.60%	6.217%
69	17.080	2409	2413	2416	rBV4	7803	11968	0.39%	0.031%
70	17.221	2433	2437	2441	rBV6	13993	22153	0.72%	0.057%
71	17.356	2457	2460	2465	rVB5	16216	21340	0.69%	0.055%

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72	17.392	2465	2466	2469	rBV2	4324	4748	0.15%	0.012%
73	17.521	2484	2488	2490	rBV4	5115	7559	0.25%	0.019%
74	17.615	2501	2504	2505	rBV3	3949	4002	0.13%	0.010%
75	17.709	2516	2520	2523	rBV2	12533	18469	0.60%	0.047%
76	17.756	2523	2528	2538	rBV2	207736	330975	10.75%	0.850%
77	17.903	2549	2553	2557	rVV3	20976	32637	1.06%	0.084%
78	17.945	2557	2560	2565	rVB6	12772	22319	0.72%	0.057%
79	18.045	2575	2577	2581	rVB3	11909	15237	0.49%	0.039%
80	18.227	2604	2608	2612	rBV4	11510	20097	0.65%	0.052%
81	18.280	2615	2617	2619	rVV3	6527	5007	0.16%	0.013%
82	18.445	2643	2645	2648	rBV3	5366	6096	0.20%	0.016%
83	18.645	2676	2679	2684	rVB6	13137	18531	0.60%	0.048%
84	18.698	2684	2688	2692	rBV3	18663	27615	0.90%	0.071%
85	18.798	2700	2705	2709	rBV7	11770	23920	0.78%	0.061%
86	18.874	2715	2718	2719	rBV	22660	21977	0.71%	0.056%
87	18.909	2719	2724	2735	rVB	269927	397143	12.89%	1.020%
88	19.056	2744	2749	2758	rBV2	96345	180319	5.85%	0.463%
89	19.239	2774	2780	2791	rBV2	2017529	3076580	99.88%	7.901%
90	19.792	2870	2874	2877	rBV4	25057	39410	1.28%	0.101%
91	20.786	3039	3043	3051	rBV	814783	1185341	38.48%	3.044%
92	21.050	3082	3088	3093	rBV	2226138	3033402	98.48%	7.790%
93	21.227	3116	3118	3123	rVB	117165	124935	4.06%	0.321%
94	21.644	3186	3189	3197	rBV	242704	384600	12.49%	0.988%
95	22.086	3260	3264	3271	rVB	314979	379221	12.31%	0.974%
96	22.556	3340	3344	3348	rBV	545489	803771	26.09%	2.064%
97	23.038	3421	3426	3431	rBV	1723710	2885726	93.69%	7.411%
98	23.080	3431	3433	3441	rVB	534783	738023	23.96%	1.895%
99	23.168	3443	3448	3462	rVB	1703502	3080229	100.00%	7.911%
100	23.680	3531	3535	3541	rVB	334876	560916	18.21%	1.441%

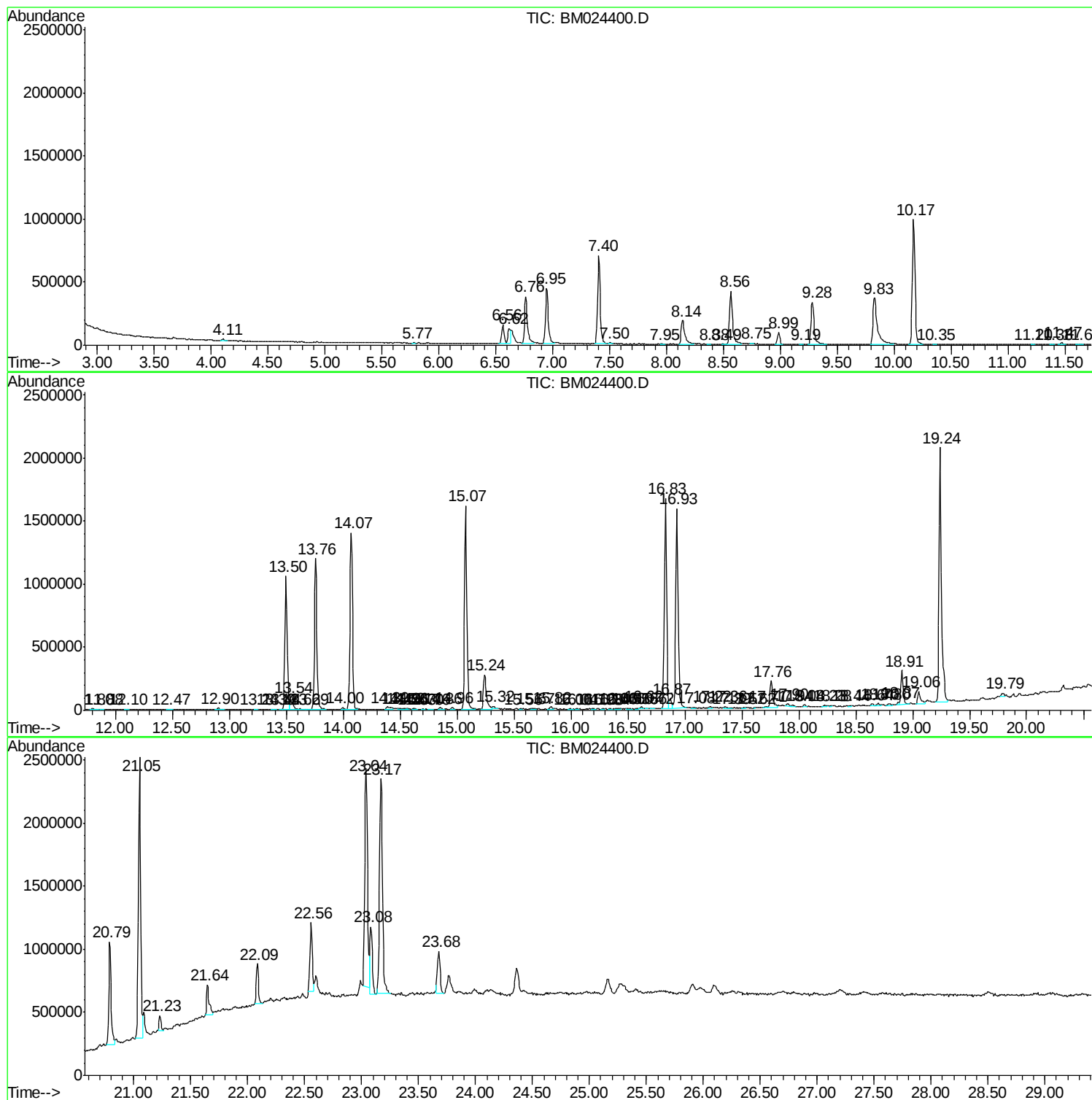
Sum of corrected areas: 38938229

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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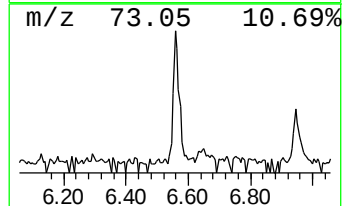
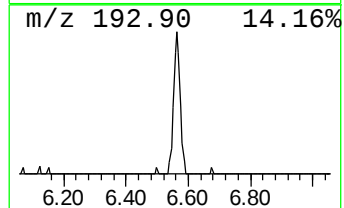
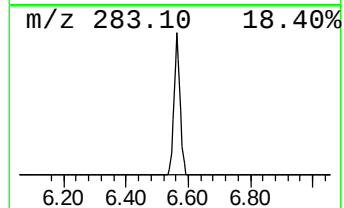
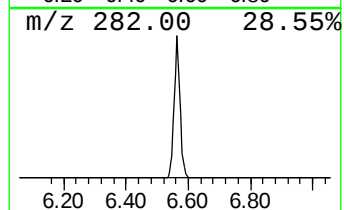
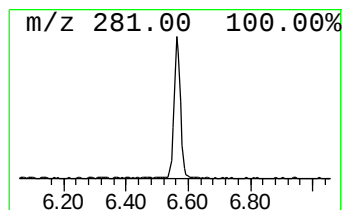
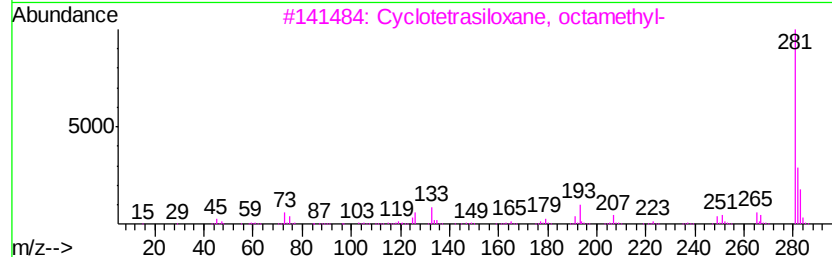
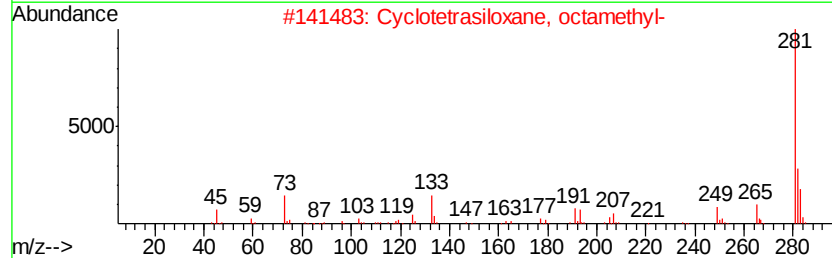
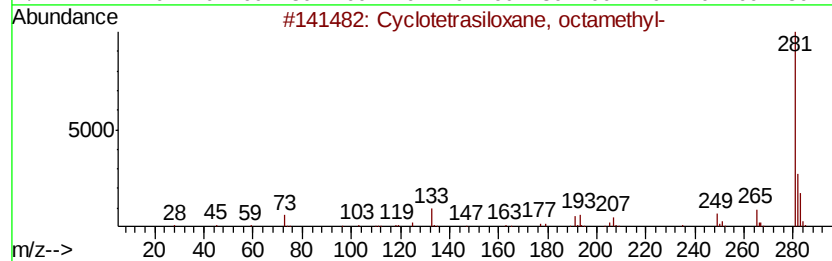
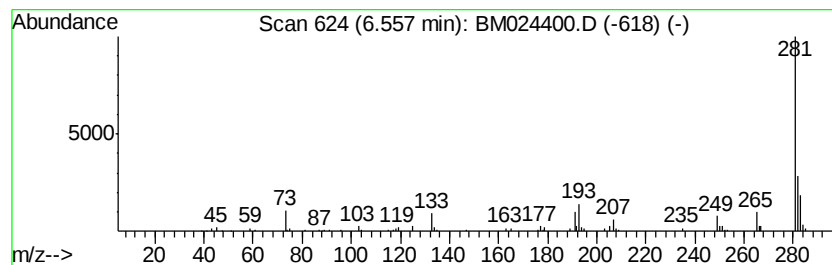
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclotetrasiloxane, octamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	3.67 ng/ul	210692	1,4-Dichlorobenzene-d4	7.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
3		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	78
4		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
5		7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	64



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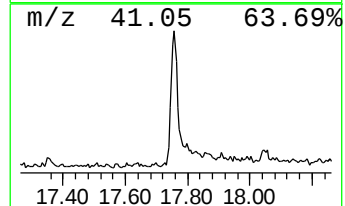
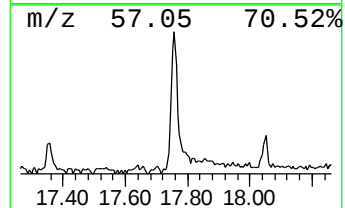
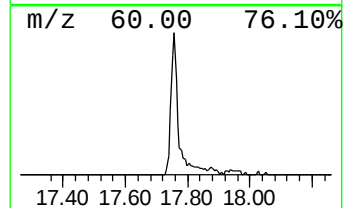
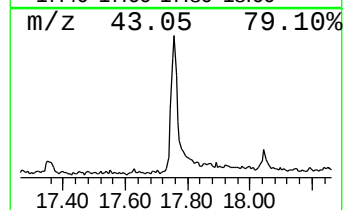
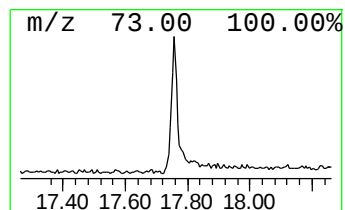
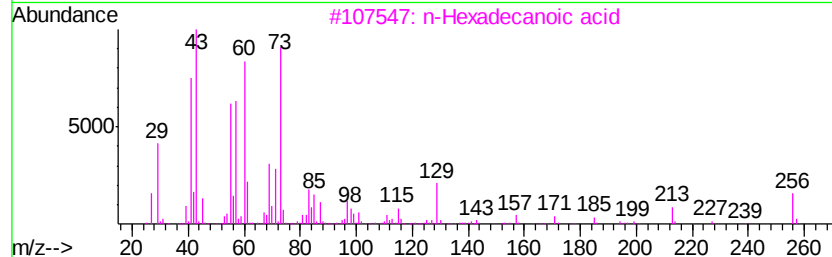
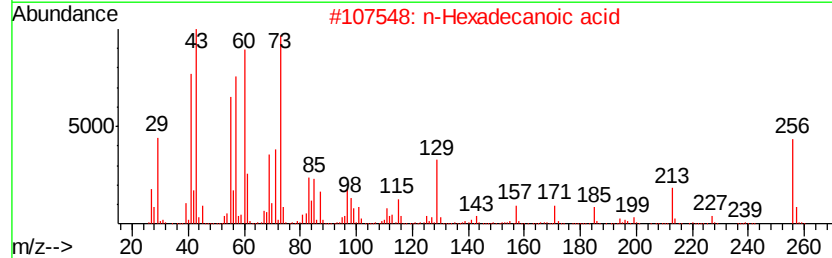
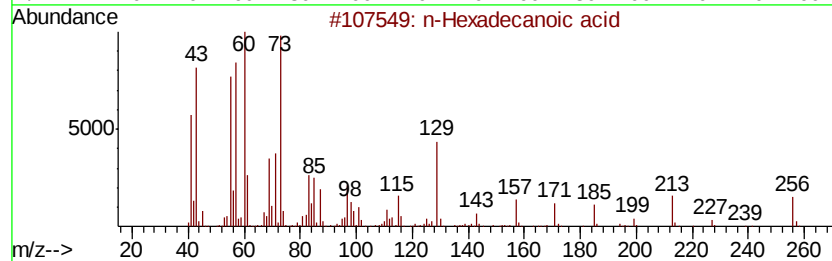
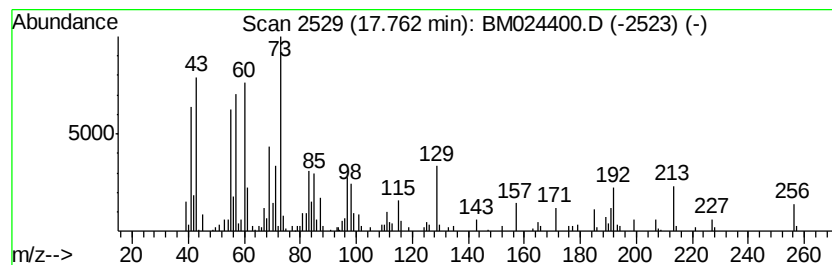
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.76	2.80 ng/ul	330975	Phenanthrene-d10		16.83	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58	



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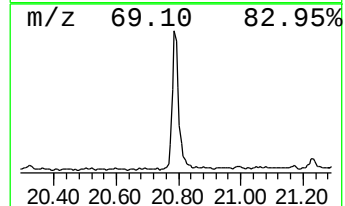
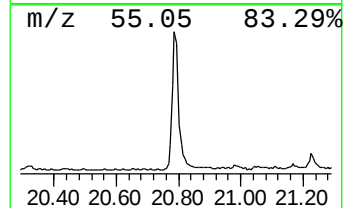
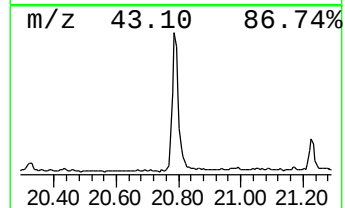
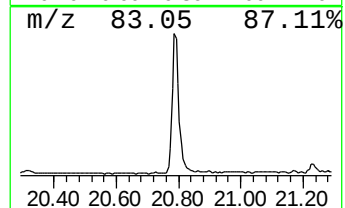
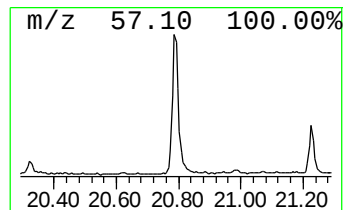
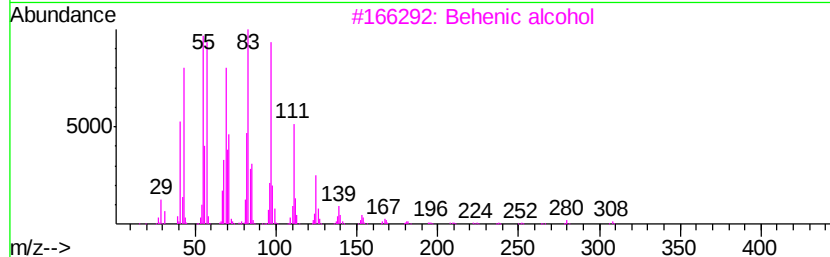
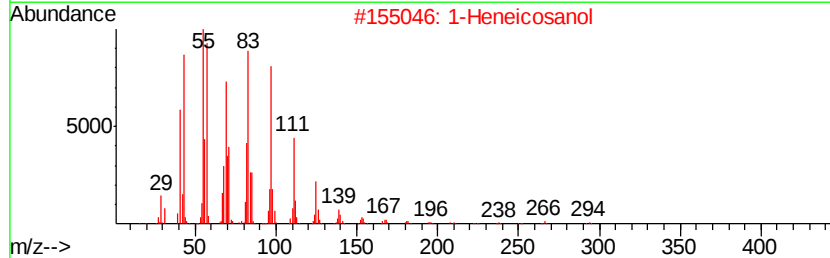
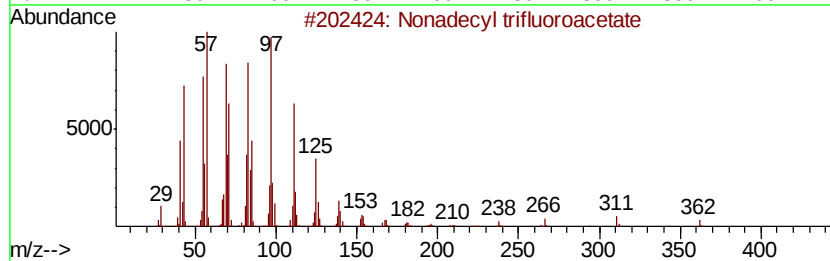
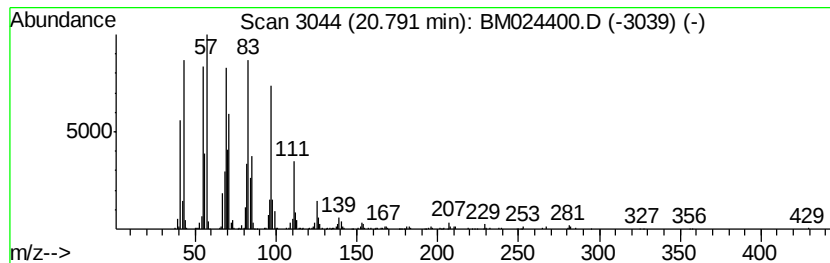
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Nonadecyl trifluoroacetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	7.82 ng/ul	1185340	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
2		1-Heneicosanol	312	C21H44O	015594-90-8	91
3		Behenic alcohol	326	C22H46O	000661-19-8	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123119\
Data File : BM024400.D
Acq On : 31 Dec 2019 17:40
Operator : JU
Sample : K6308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C56

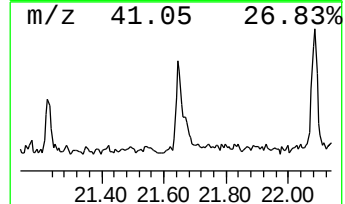
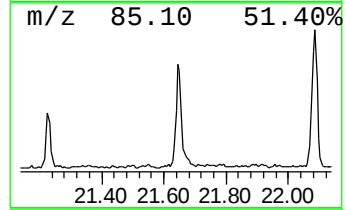
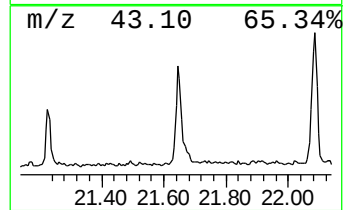
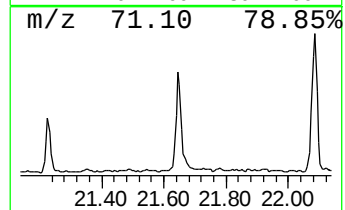
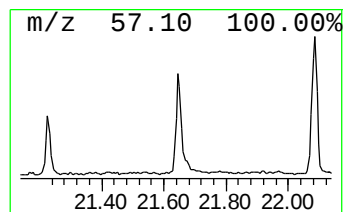
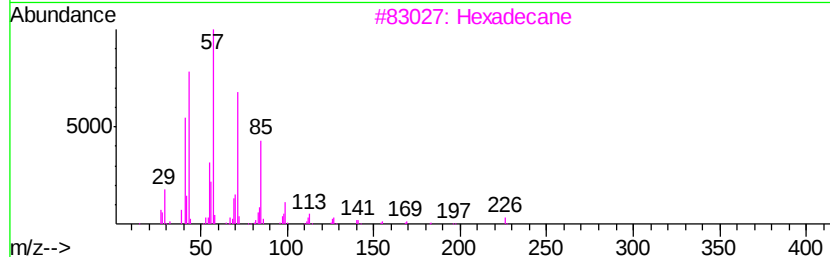
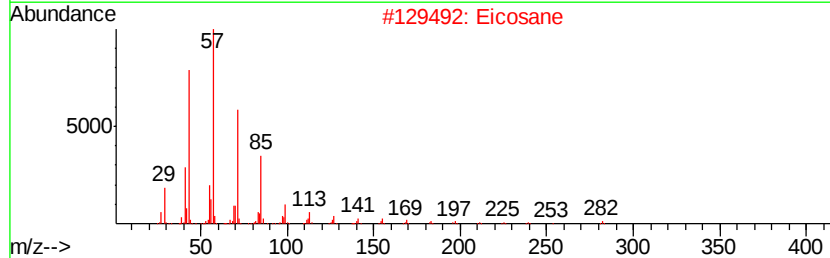
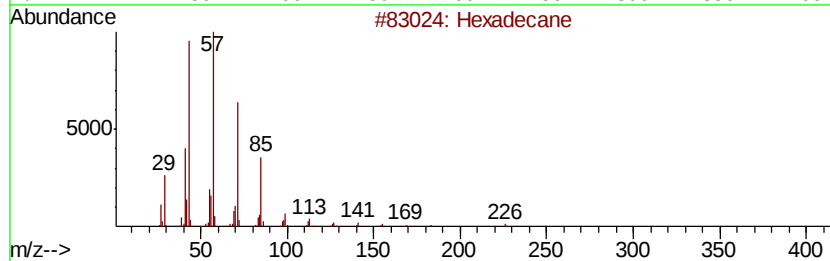
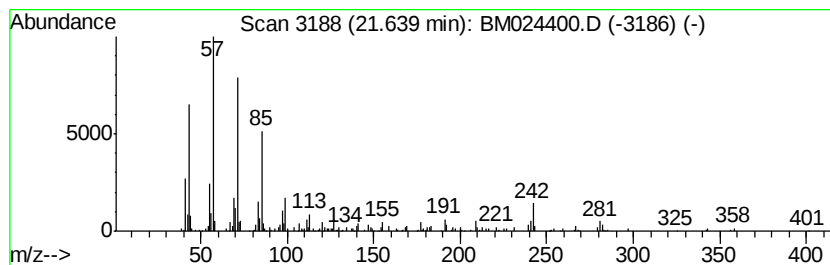
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	2.54 ng/ul	384600	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Eicosane	282	C20H42	000112-95-8	89
3		Hexadecane	226	C16H34	000544-76-3	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
5		Octadecane	254	C18H38	000593-45-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123119\
Data File : BM024400.D
Acq On : 31 Dec 2019 17:40
Operator : JU
Sample : K6308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

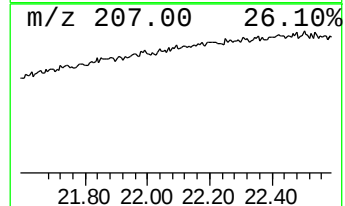
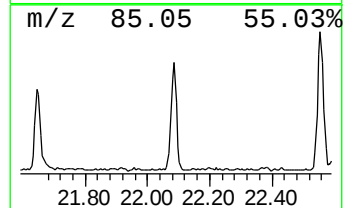
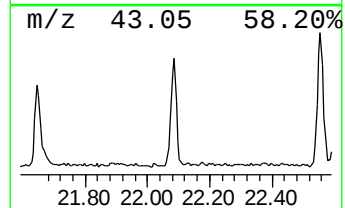
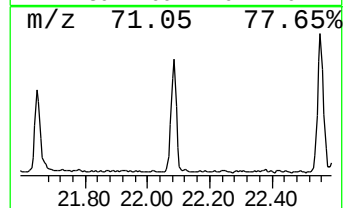
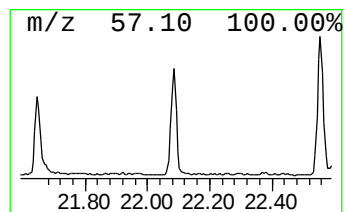
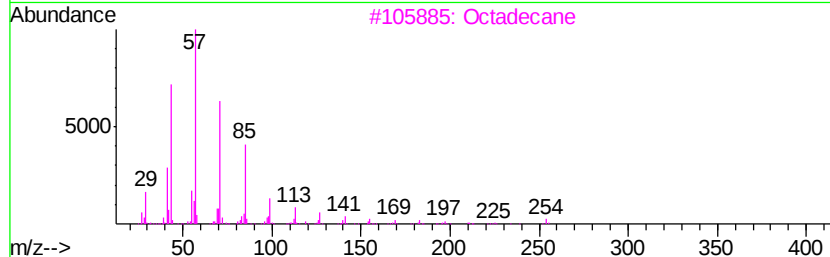
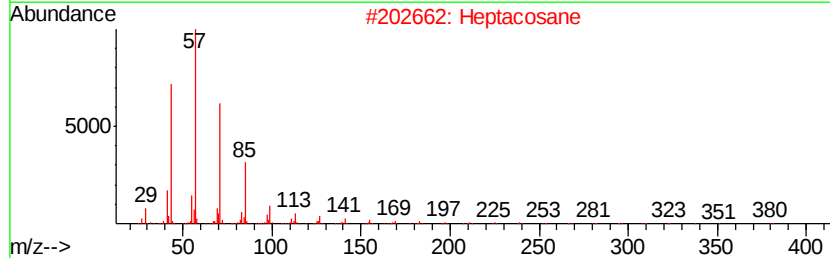
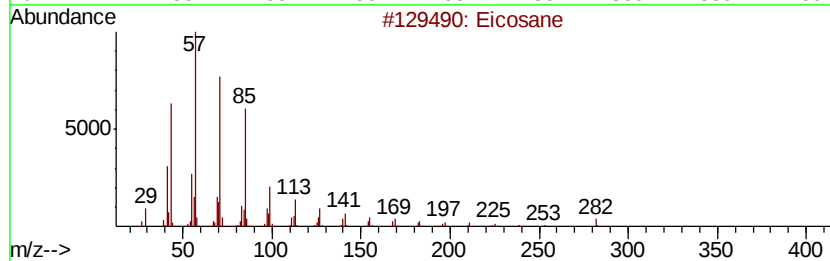
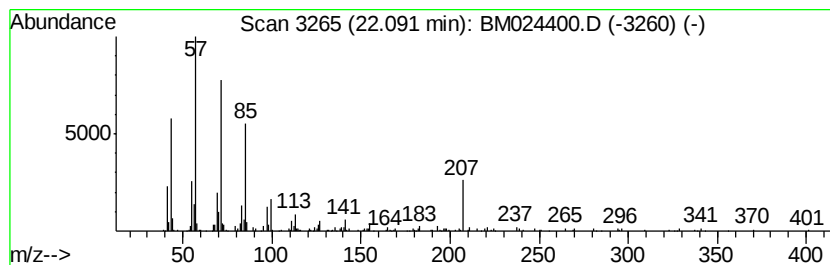
Instrument :
BNA_M
ClientSampleId :
C0C56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.09	2.50 ng/ul	379221	Chrysene-d12	21.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptacosane	380	C27H56	000593-49-7	91
3	Octadecane	254	C18H38	000593-45-3	87
4	Nonadecane	268	C19H40	000629-92-5	86
5	Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123119\
Data File : BM024400.D
Acq On : 31 Dec 2019 17:40
Operator : JU
Sample : K6308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C56

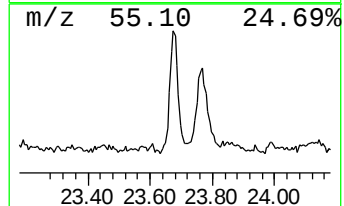
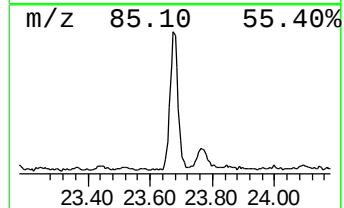
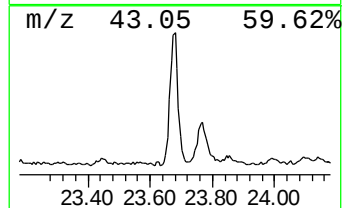
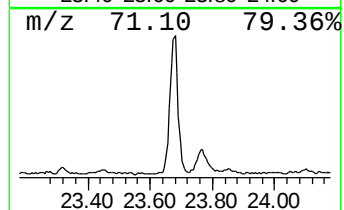
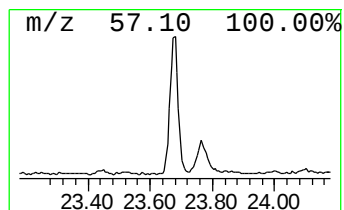
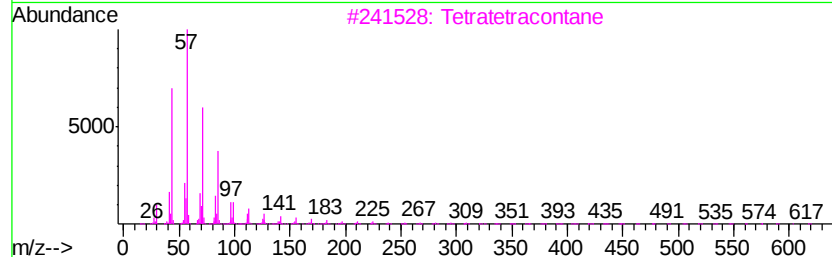
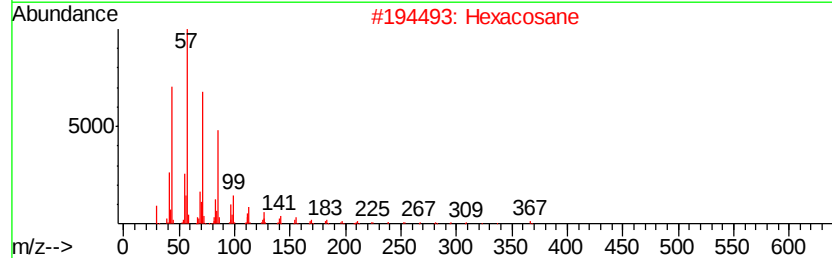
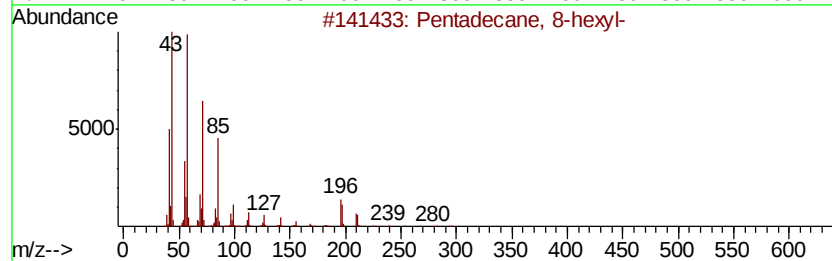
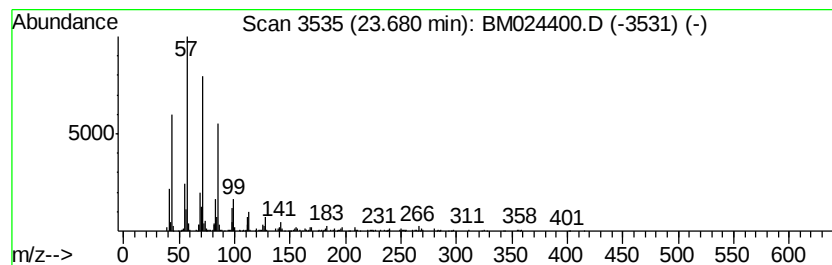
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.68	3.64 ng/ul	560916	Perylene-d12	23.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2			Hexacosane	366	C26H54	000630-01-3	91
3			Tetratetracontane	619	C44H90	007098-22-8	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM123119\
Data File : BM024400.D
Acq On : 31 Dec 2019 17:40
Operator : JU
Sample : K6308-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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
Cyclotetrasiloxan...	6.56	3.7	ng/ul	210692	1	7.40	1149740	20.0
n-Hexadecanoic acid	17.76	2.8	ng/ul	330975	4	16.83	2366780	20.0
Nonadecyl trifluo...	20.79	7.8	ng/ul	1185340	5	21.05	3033400	20.0
(DEL) Alkane: Str...	21.64	2.5	ng/ul	384600	5	21.05	3033400	20.0
(DEL) Alkane: Str...	22.09	2.5	ng/ul	379221	5	21.05	3033400	20.0
(DEL) Alkane: Str...	23.68	3.6	ng/ul	560916	6	23.17	3080230	20.0