

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
 Data File : BM023385.D
 Acq On : 24 Oct 2019 18:41
 Operator : JU
 Sample : K5346-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETOL4

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-BM102319MA.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	3.158	27	29	35	rVB	110066	135310	1.46%	0.106%
2	3.663	111	115	122	rVB	250262	315378	3.40%	0.247%
3	3.793	133	137	142	rVB2	81241	141650	1.52%	0.111%
4	4.099	186	189	193	rVB2	80207	99658	1.07%	0.078%
5	4.787	303	306	311	rBV4	33159	65750	0.71%	0.051%
6	4.875	318	321	329	rVB2	91959	149805	1.61%	0.117%
7	5.710	461	463	470	rVB6	25321	36880	0.40%	0.029%
8	6.322	560	567	576	rVB9	35131	95971	1.03%	0.075%
9	6.646	616	622	629	rBV6	32017	65527	0.71%	0.051%
10	6.810	643	650	661	rVB2	1982095	3480301	37.47%	2.724%
11	6.975	670	678	692	rBV	1503292	2436402	26.23%	1.907%
12	7.169	704	711	719	rBV	2086928	3250314	34.99%	2.544%
13	7.281	726	730	735	rVB3	26369	37117	0.40%	0.029%
14	7.340	737	740	746	rBV6	18179	24964	0.27%	0.020%
15	7.469	757	762	766	rBV7	13079	25819	0.28%	0.020%
16	7.634	782	790	799	rBV	2279373	3600416	38.76%	2.818%
17	7.710	801	803	808	rVB2	25184	33857	0.36%	0.026%
18	8.204	879	887	891	rBV9	12312	35521	0.38%	0.028%
19	8.340	903	910	917	rBV	2180106	3462703	37.28%	2.710%
20	8.457	928	930	937	rVB7	15831	23083	0.25%	0.018%
21	8.781	968	985	996	rBV	1832727	3062561	32.97%	2.397%
22	8.875	998	1001	1005	rVV3	23878	30846	0.33%	0.024%
23	8.963	1013	1016	1023	rVB7	34528	61614	0.66%	0.048%
24	9.251	1061	1065	1070	rVB	48045	73903	0.80%	0.058%
25	9.339	1074	1080	1087	rVB7	19419	42751	0.46%	0.033%
26	9.498	1098	1107	1115	rBV	1450116	2393493	25.77%	1.873%
27	9.557	1115	1117	1123	rVB6	14360	21861	0.24%	0.017%
28	9.645	1129	1132	1140	rBV10	17555	41356	0.45%	0.032%
29	9.745	1145	1149	1154	rBV7	13639	23695	0.26%	0.019%
30	9.869	1166	1170	1177	rVB2	35213	55634	0.60%	0.044%
31	10.039	1191	1199	1210	rVB	2230085	3734602	40.21%	2.923%
32	10.216	1224	1229	1233	rBV8	9639	18872	0.20%	0.015%
33	10.410	1255	1262	1270	rBV	2665264	4555793	49.05%	3.566%
34	10.551	1277	1286	1293	rBV	256692	554000	5.96%	0.434%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
 Data File : BM023385.D
 Acq On : 24 Oct 2019 18:41
 Operator : JU
 Sample : K5346-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETOL4

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-BM102319MA.M
 Title : SVOA CALIBRATION

35	10.928	1345	1350	1354	rVB5	16633	20418	0.22%	0.016%
36	11.216	1395	1399	1403	rBV6	15960	29694	0.32%	0.023%
37	11.369	1420	1425	1434	rVB4	43602	91447	0.98%	0.072%
38	11.475	1437	1443	1450	rBV8	31352	68598	0.74%	0.054%
39	11.869	1505	1510	1516	rBV2	51863	91268	0.98%	0.071%
40	11.939	1516	1522	1523	rBV5	15570	25237	0.27%	0.020%
41	12.010	1529	1534	1539	rVB3	50043	95295	1.03%	0.075%
42	12.092	1543	1548	1555	rVB7	20092	47585	0.51%	0.037%
43	12.645	1638	1642	1646	rVB5	30819	44558	0.48%	0.035%
44	12.698	1646	1651	1660	rVV5	15276	32766	0.35%	0.026%
45	12.786	1662	1666	1669	rVV4	23348	38991	0.42%	0.031%
46	12.839	1672	1675	1680	rVV3	45731	65164	0.70%	0.051%
47	12.898	1681	1685	1690	rVB3	23377	37002	0.40%	0.029%
48	13.127	1717	1724	1728	rBV	90243	145675	1.57%	0.114%
49	13.198	1728	1736	1742	rVB6	50470	127999	1.38%	0.100%
50	13.310	1753	1755	1762	rVB8	14778	23357	0.25%	0.018%
51	13.610	1800	1806	1809	rVB8	29909	56823	0.61%	0.044%
52	13.657	1809	1814	1815	rBV5	23262	32710	0.35%	0.026%
53	13.698	1815	1821	1825	rVV	3619142	5062685	54.50%	3.962%
54	13.745	1825	1829	1834	rVV	1707660	2376793	25.59%	1.860%
55	13.792	1834	1837	1841	rVV2	53913	78711	0.85%	0.062%
56	13.833	1841	1844	1850	rVB8	35481	49223	0.53%	0.039%
57	13.969	1860	1867	1880	rBV	4139039	6300702	67.83%	4.931%
58	14.210	1904	1908	1912	rBV	111237	142607	1.54%	0.112%
59	14.280	1912	1920	1927	rBV2	3657160	5549610	59.74%	4.344%
60	14.480	1947	1954	1964	rBV	1229139	1870685	20.14%	1.464%
61	14.627	1974	1979	1986	rBV	192680	299237	3.22%	0.234%
62	14.710	1987	1993	2000	rVB6	103829	203396	2.19%	0.159%
63	14.833	2011	2014	2018	rVB3	36857	48290	0.52%	0.038%
64	14.904	2023	2026	2029	rVV5	20757	35065	0.38%	0.027%
65	14.939	2029	2032	2038	rVB4	58149	99662	1.07%	0.078%
66	14.998	2038	2042	2046	rBV5	25301	39604	0.43%	0.031%
67	15.086	2048	2057	2058	rBV6	42228	87269	0.94%	0.068%
68	15.110	2058	2061	2066	rVB	179654	225652	2.43%	0.177%
69	15.169	2066	2071	2078	rBV2	240353	349689	3.76%	0.274%
70	15.274	2083	2089	2096	rBV	5241424	7428174	79.97%	5.814%
71	15.398	2104	2110	2118	rBV	1008844	1490325	16.04%	1.166%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
 Data File : BM023385.D
 Acq On : 24 Oct 2019 18:41
 Operator : JU
 Sample : K5346-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETOL4

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-BM102319MA.M
 Title : SVOA CALIBRATION

72	15.516	2127	2130	2134	rVV	49294	61478	0.66%	0.048%
73	15.574	2137	2140	2144	rVB	68119	89168	0.96%	0.070%
74	15.780	2172	2175	2182	rVB7	35023	63989	0.69%	0.050%
75	16.027	2213	2217	2219	rBV	143462	183326	1.97%	0.143%
76	16.057	2219	2222	2230	rVB3	143622	223226	2.40%	0.175%
77	16.821	2348	2352	2358	rBV3	143436	201505	2.17%	0.158%
78	16.874	2358	2361	2369	rVB2	111871	159162	1.71%	0.125%
79	16.951	2371	2374	2376	rBV3	54009	71058	0.76%	0.056%
80	17.021	2381	2386	2391	rVV2	4092298	5969931	64.27%	4.673%
81	17.063	2391	2393	2397	rVV	282410	354228	3.81%	0.277%
82	17.121	2397	2403	2415	rVB2	5339085	7694552	82.84%	6.022%
83	17.439	2454	2457	2461	rVB5	98811	133689	1.44%	0.105%
84	17.557	2474	2477	2481	rBV	145724	169104	1.82%	0.132%
85	17.951	2539	2544	2551	rBV	966244	1437955	15.48%	1.125%
86	18.251	2591	2595	2600	rBV	225405	310702	3.34%	0.243%
87	18.386	2615	2618	2624	rVB3	102597	135263	1.46%	0.106%
88	18.892	2701	2704	2708	rVB	216124	226391	2.44%	0.177%
89	19.086	2733	2737	2744	rVB	830355	1035764	11.15%	0.811%
90	19.233	2759	2762	2768	rBV3	412270	659845	7.10%	0.516%
91	19.421	2789	2794	2798	rBV	6497283	9288860	100.00%	7.270%
92	20.374	2952	2956	2961	rVB	2068498	2405815	25.90%	1.883%
93	20.962	3052	3056	3061	rBV	2216055	2849437	30.68%	2.230%
94	21.009	3062	3064	3070	rVB	898463	941313	10.13%	0.737%
95	21.215	3094	3099	3103	rBV	5544244	7918236	85.24%	6.197%
96	21.403	3129	3131	3135	rVB	886921	865533	9.32%	0.677%
97	21.839	3202	3205	3214	rVB2	1431317	1970198	21.21%	1.542%
98	22.297	3280	3283	3289	rVB	1631484	2057319	22.15%	1.610%
99	23.280	3446	3450	3455	rVB	4738496	7218390	77.71%	5.650%
100	23.421	3470	3474	3486	rVB2	4392202	8070610	86.88%	6.317%

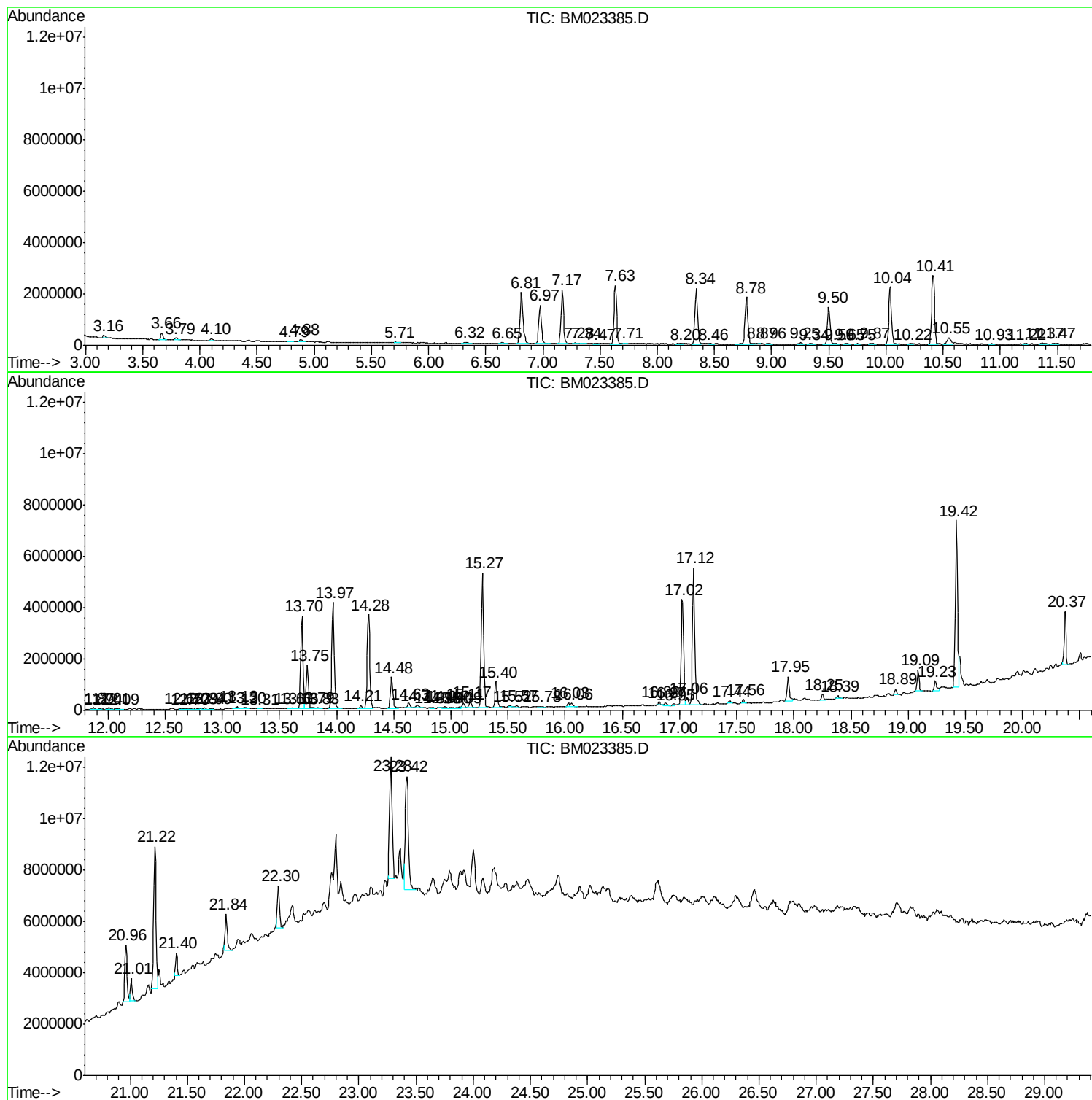
Sum of corrected areas: 127765420

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023385.D
Acq On : 24 Oct 2019 18:41
Operator : JU
Sample : K5346-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETOL4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023385.D
Acq On : 24 Oct 2019 18:41
Operator : JU
Sample : K5346-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

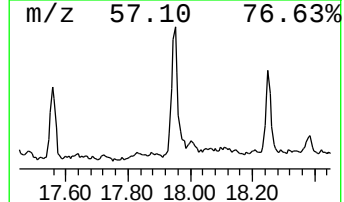
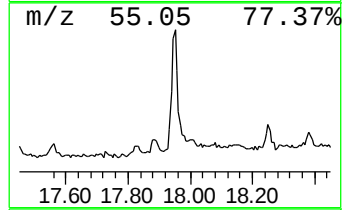
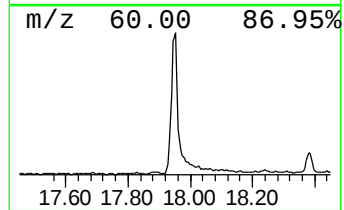
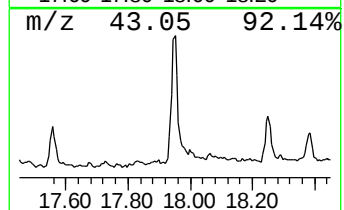
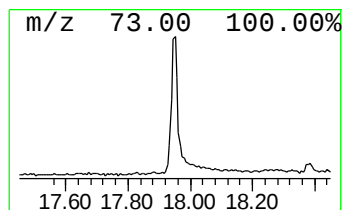
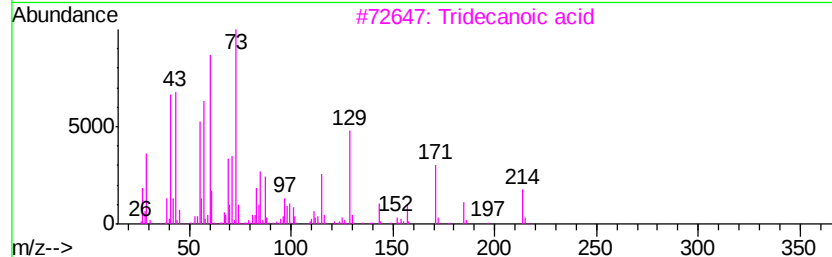
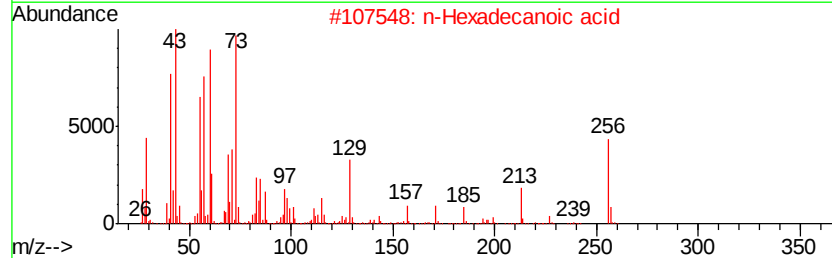
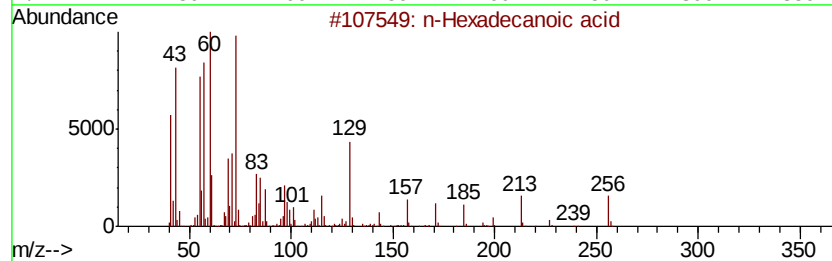
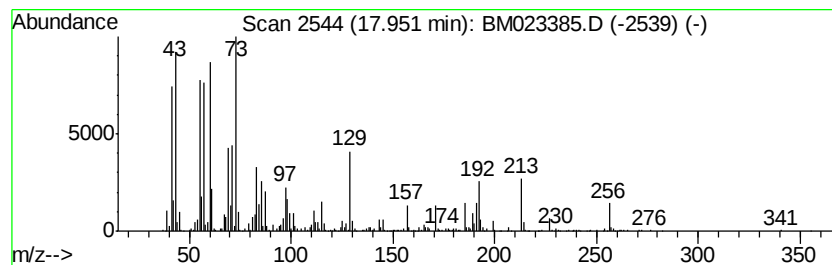
Instrument :
BNA_M
ClientSampleId :
ETOL4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.95	4.82 ng/ul	1437960	Phenanthrene-d10	17.02		
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	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023385.D
Acq On : 24 Oct 2019 18:41
Operator : JU
Sample : K5346-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETOL4

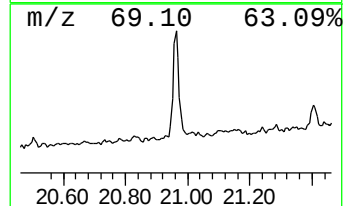
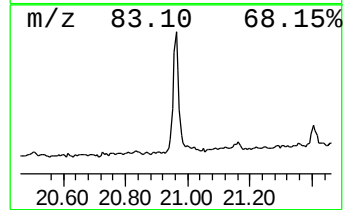
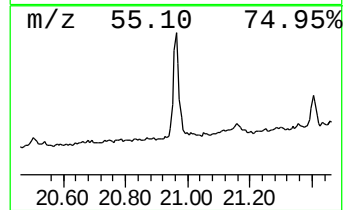
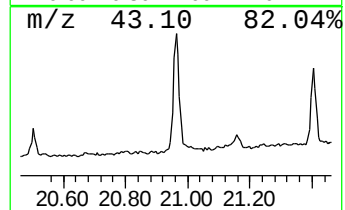
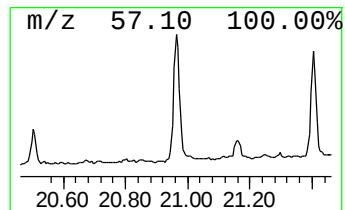
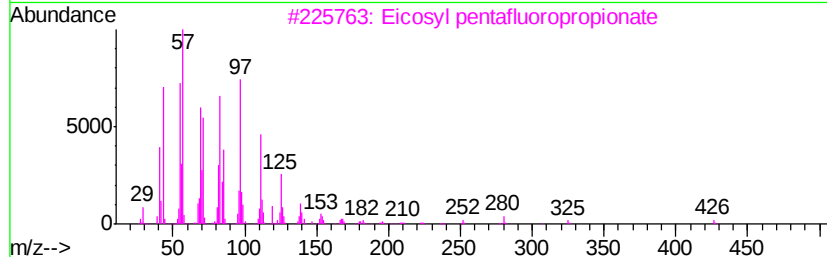
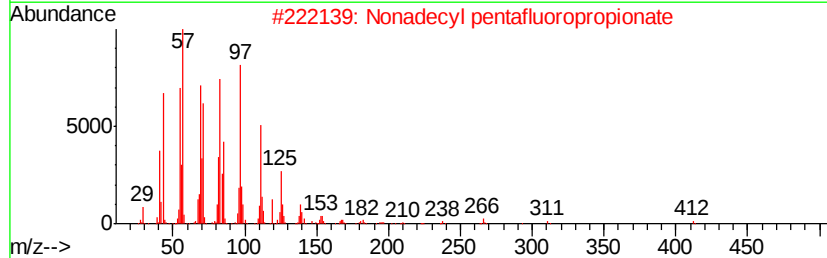
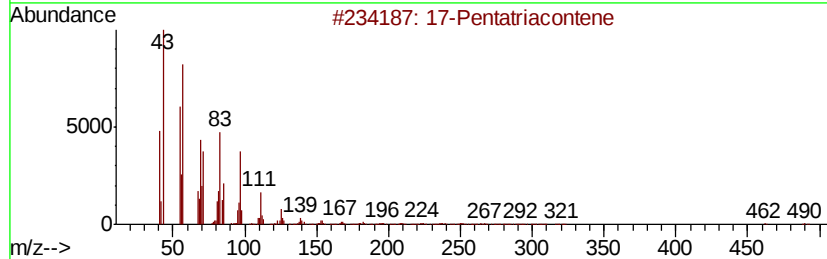
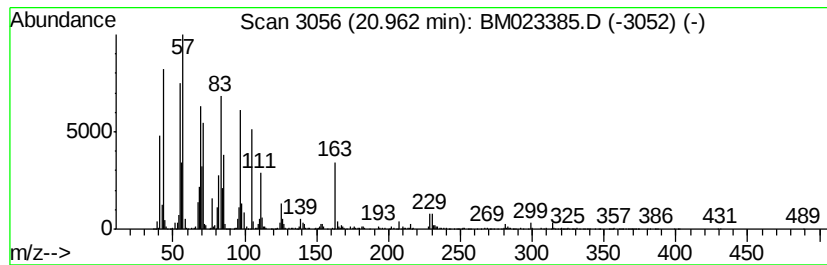
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.96 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	7.20 ng/ul	2849440	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	90
2		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	87
3		Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	87
4		Cyclotetracosane	336	C24H48	000297-03-0	81
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023385.D
Acq On : 24 Oct 2019 18:41
Operator : JU
Sample : K5346-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
ETOL4

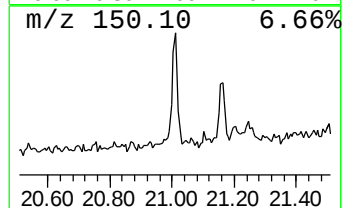
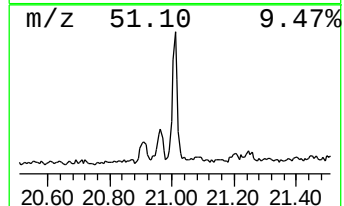
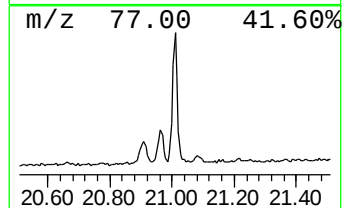
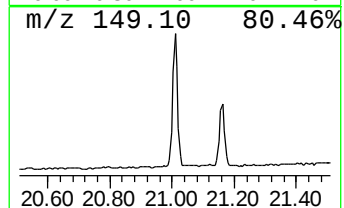
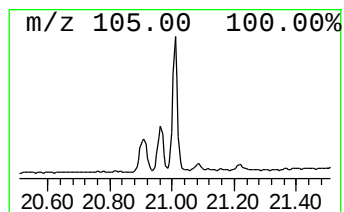
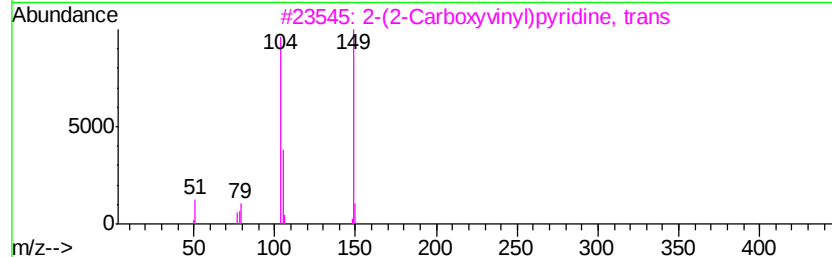
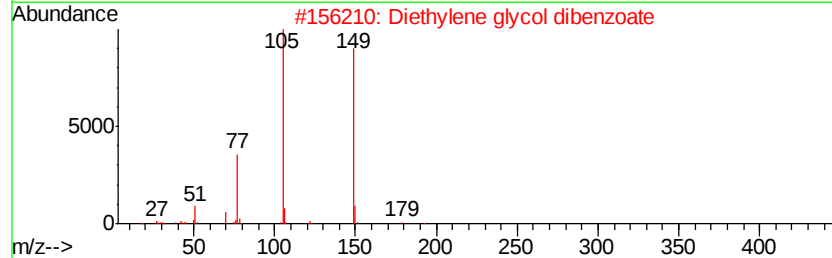
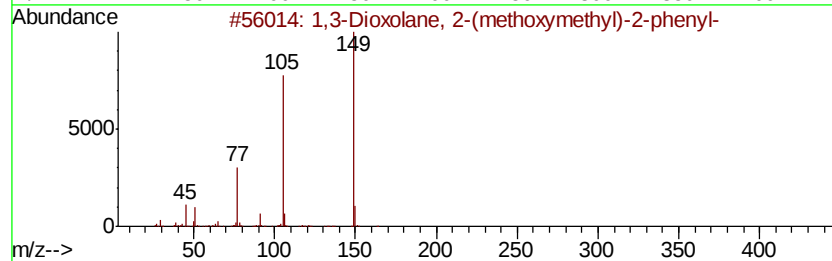
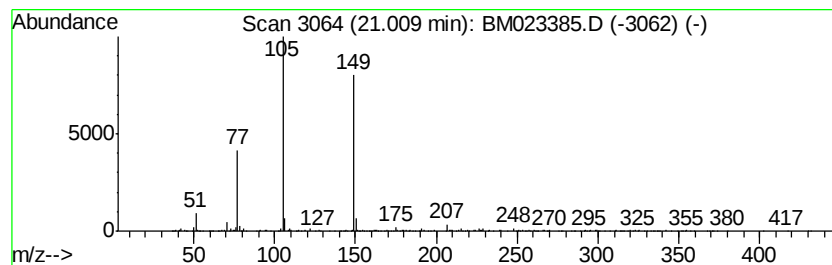
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	2.38 ng/ul	941313	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	64
2		Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	59
3		2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	49
4		3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	40
5		Phthalic acid, 2,4-dimethylpent-...	362	C22H34O4	1000356-84-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023385.D
Acq On : 24 Oct 2019 18:41
Operator : JU
Sample : K5346-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETOL4

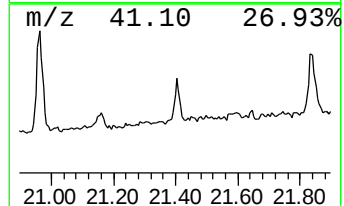
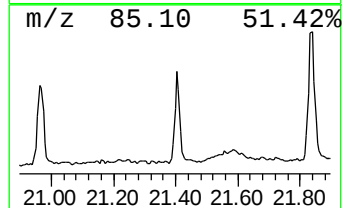
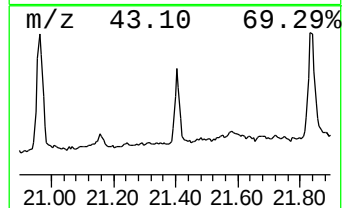
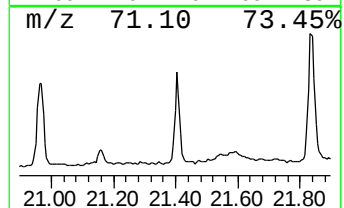
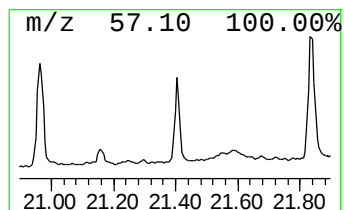
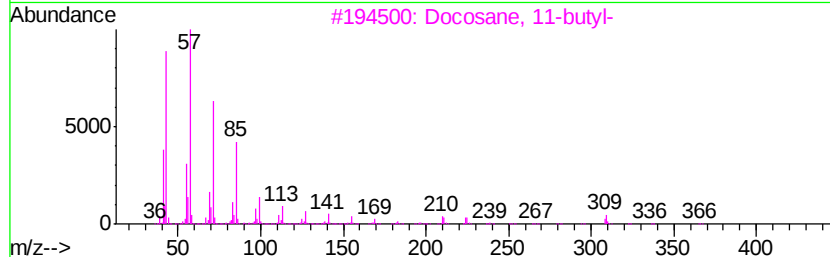
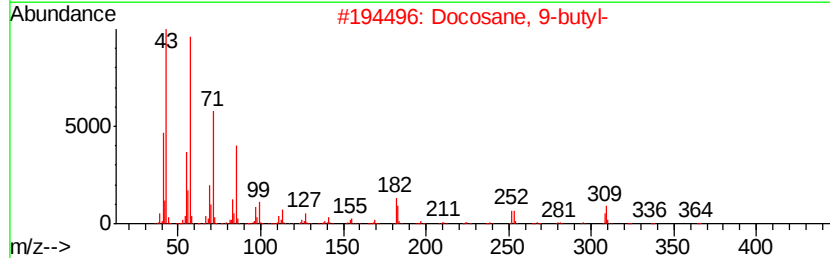
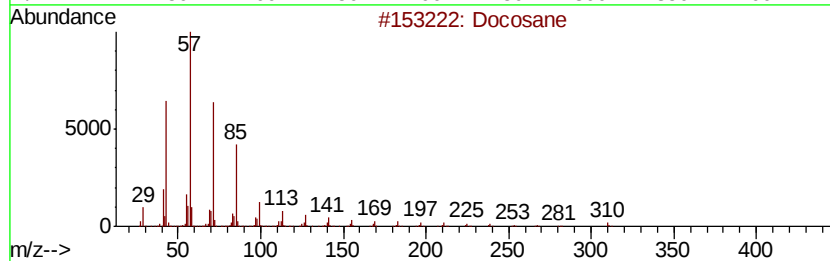
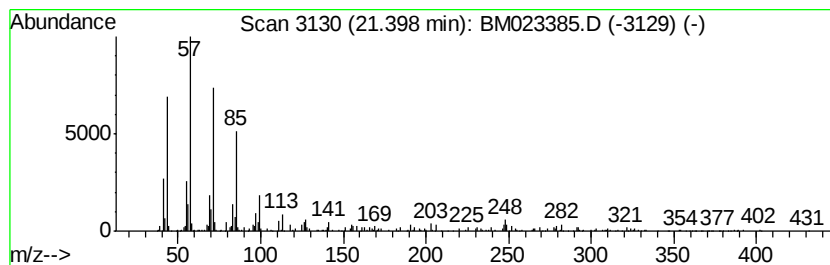
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.19 ng/ul	865533	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	93
2		Docosane, 9-butyl-	366	C26H54	055282-14-9	93
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4		Eicosane	282	C20H42	000112-95-8	93
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023385.D
Acq On : 24 Oct 2019 18:41
Operator : JU
Sample : K5346-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETOL4

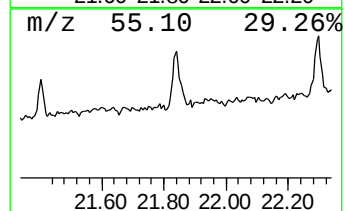
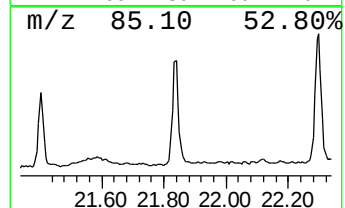
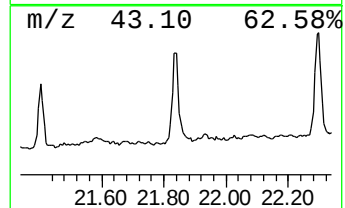
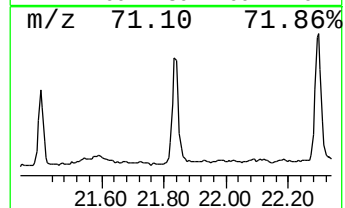
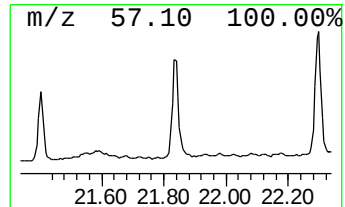
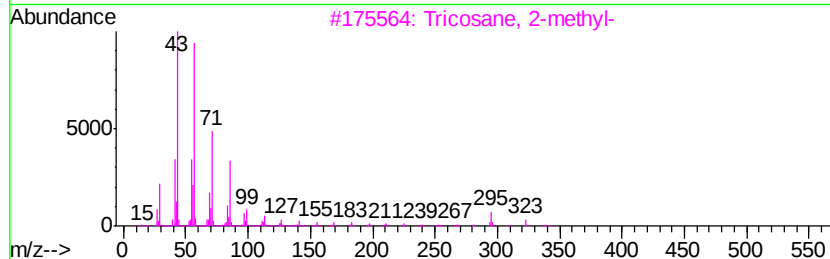
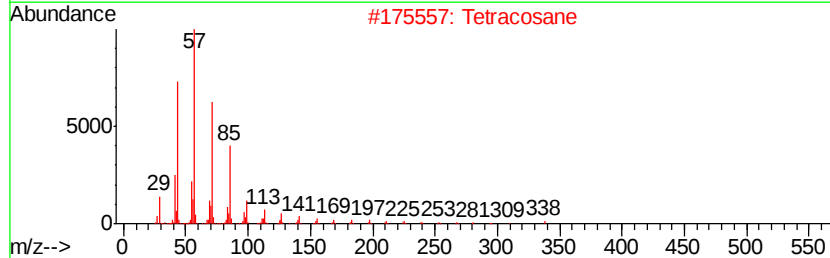
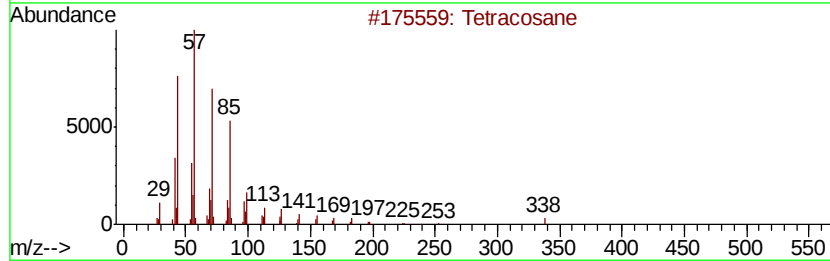
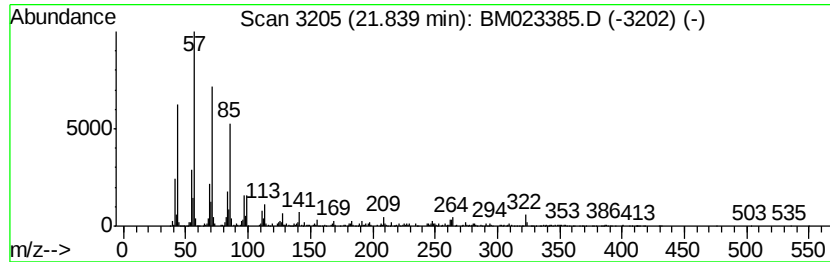
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	4.98 ng/ul	1970200	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Tetracosane	338	C24H50	000646-31-1	91
3		Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023385.D
Acq On : 24 Oct 2019 18:41
Operator : JU
Sample : K5346-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETOL4

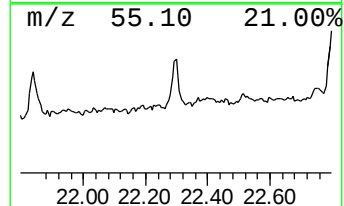
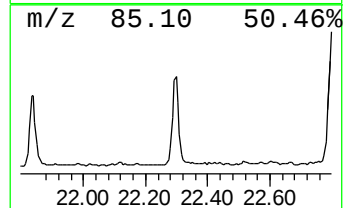
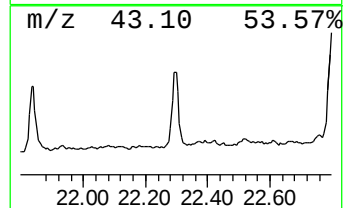
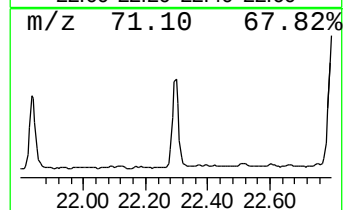
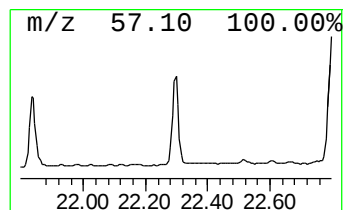
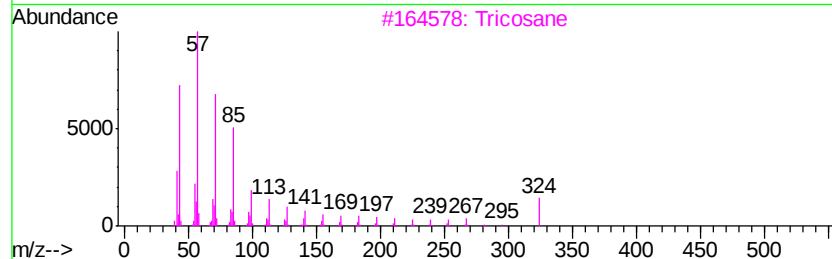
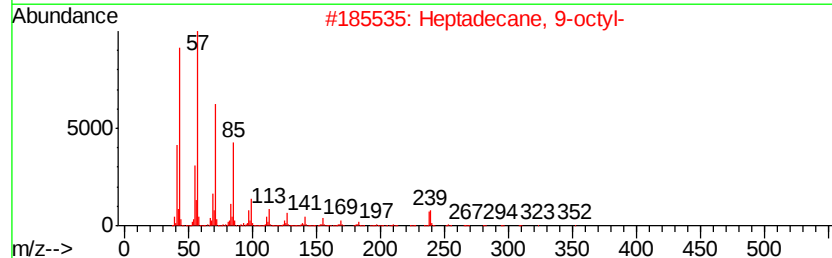
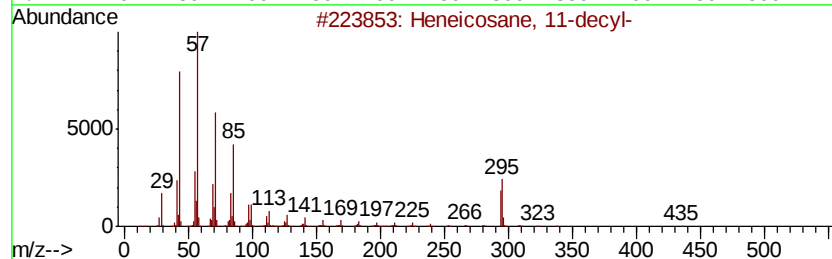
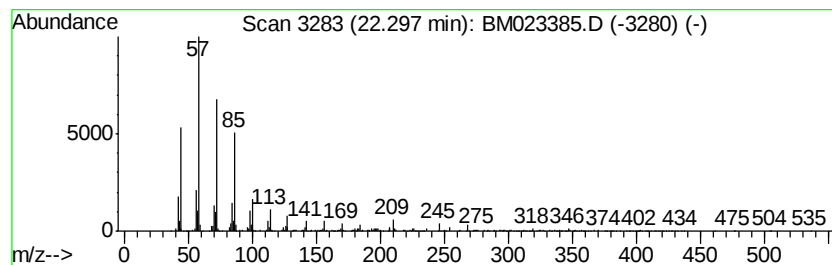
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	5.20 ng/ul	2057320	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3		Tricosane	324	C23H48	000638-67-5	91
4		Triacontane	422	C30H62	000638-68-6	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102419\
Data File : BM023385.D
Acq On : 24 Oct 2019 18:41
Operator : JU
Sample : K5346-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETOL4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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
n-Hexadecanoic acid	17.95	4.8	ng/ul	1437960	4	17.02	5969930	20.0
(DEL) Alkane: Cyc...	20.96	7.2	ng/ul	2849440	5	21.22	7918240	20.0
1,3-Dioxolane, 2-...	21.01	2.4	ng/ul	941313	5	21.22	7918240	20.0
(DEL) Alkane: Str...	21.40	2.2	ng/ul	865533	5	21.22	7918240	20.0
(DEL) Alkane: Str...	21.84	5.0	ng/ul	1970200	5	21.22	7918240	20.0
(DEL) Alkane: Str...	22.30	5.2	ng/ul	2057320	5	21.22	7918240	20.0