

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024164.D
 Acq On : 18 Dec 2019 22:12
 Operator : JU
 Sample : K6171-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BS9

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	3.004	18	20	39	rVB	68910	152224	1.45%	0.141%
2	3.416	86	90	101	rVB	33755	66233	0.63%	0.061%
3	3.504	101	105	114	rBV	198161	296704	2.82%	0.275%
4	3.622	121	125	131	rVB	42424	72409	0.69%	0.067%
5	3.704	134	139	149	rVB	82704	140915	1.34%	0.131%
6	4.257	229	233	239	rVB2	45998	73369	0.70%	0.068%
7	4.610	288	293	299	rBV	84042	141572	1.35%	0.131%
8	4.740	312	315	319	rBV2	23615	42631	0.41%	0.039%
9	6.328	580	585	592	rBV2	19525	32010	0.30%	0.030%
10	6.439	598	604	609	rBV3	23100	41541	0.40%	0.038%
11	6.645	629	639	655	rBV	1434696	2580651	24.55%	2.390%
12	6.798	659	665	683	rVV	1129358	1877622	17.86%	1.739%
13	6.987	690	697	710	rBV	1519766	2488503	23.67%	2.305%
14	7.087	710	714	719	rVB6	16424	29795	0.28%	0.028%
15	7.445	768	775	786	rBV	1503685	2429000	23.11%	2.250%
16	7.534	786	790	794	rVV5	13023	27949	0.27%	0.026%
17	7.586	794	799	803	rVV2	18717	31211	0.30%	0.029%
18	7.669	807	813	817	rBV4	20230	35273	0.34%	0.033%
19	8.169	892	898	904	rBV	1506964	2474650	23.54%	2.292%
20	8.228	904	908	913	rVV	217237	404477	3.85%	0.375%
21	8.281	913	917	925	rVB	111704	196271	1.87%	0.182%
22	8.598	964	971	982	rVV	1423508	2388260	22.72%	2.212%
23	8.675	982	984	990	rVV5	18895	28492	0.27%	0.026%
24	9.039	1039	1046	1052	rBV	55242	87504	0.83%	0.081%
25	9.316	1086	1093	1102	rBV	1198263	1983038	18.86%	1.837%
26	9.686	1150	1156	1164	rVB9	14075	29588	0.28%	0.027%
27	9.857	1177	1185	1208	rBV	1754377	3278845	31.19%	3.037%
28	10.216	1235	1246	1260	rBV	2325510	3850485	36.63%	3.567%
29	10.375	1264	1273	1295	rBV	636736	1496443	14.24%	1.386%
30	11.669	1484	1493	1498	rBV9	17716	42016	0.40%	0.039%
31	11.745	1501	1506	1508	rBV	37272	54613	0.52%	0.051%
32	11.780	1508	1512	1515	rVV2	48880	93871	0.89%	0.087%
33	11.822	1516	1519	1527	rVB2	37671	64222	0.61%	0.059%
34	11.898	1527	1532	1535	rBV3	21056	35967	0.34%	0.033%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024164.D
 Acq On : 18 Dec 2019 22:12
 Operator : JU
 Sample : K6171-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BS9

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

35	12.121	1562	1570	1576	rBV4	16940	32239	0.31%	0.030%
36	12.945	1703	1710	1718	rBV6	27384	64136	0.61%	0.059%
37	13.427	1788	1792	1798	rVB6	29218	50538	0.48%	0.047%
38	13.533	1804	1810	1815	rVV	3387215	4644692	44.18%	4.302%
39	13.580	1815	1818	1828	rVV	722656	995108	9.47%	0.922%
40	13.663	1828	1832	1836	rVB4	16703	22782	0.22%	0.021%
41	13.798	1845	1855	1870	rBV	4103489	6115329	58.17%	5.665%
42	14.033	1892	1895	1899	rVB3	24552	29356	0.28%	0.027%
43	14.110	1901	1908	1915	rVV	3570157	5238625	49.83%	4.853%
44	14.168	1915	1918	1922	rVV5	20446	35895	0.34%	0.033%
45	14.357	1945	1950	1968	rBV	543992	1284531	12.22%	1.190%
46	14.515	1971	1977	1981	rVV3	89192	203699	1.94%	0.189%
47	14.563	1981	1985	1999	rVV3	73118	167038	1.59%	0.155%
48	14.733	2010	2014	2018	rVV7	13374	22397	0.21%	0.021%
49	14.798	2020	2025	2030	rVB8	17724	26892	0.26%	0.025%
50	14.951	2047	2051	2052	rVV2	13488	20318	0.19%	0.019%
51	14.998	2055	2059	2064	rVB2	30136	43358	0.41%	0.040%
52	15.110	2072	2078	2085	rBV	5257765	7527659	71.61%	6.973%
53	15.186	2085	2091	2098	rVB2	171072	289883	2.76%	0.269%
54	15.257	2098	2103	2113	rBV	771738	1195784	11.38%	1.108%
55	15.351	2113	2119	2123	rVB3	56342	103748	0.99%	0.096%
56	15.557	2149	2154	2158	rBV	72344	91216	0.87%	0.084%
57	15.615	2160	2164	2165	rBV4	16011	17190	0.16%	0.016%
58	15.698	2174	2178	2183	rVB8	11412	22034	0.21%	0.020%
59	15.751	2184	2187	2192	rVV6	18620	24530	0.23%	0.023%
60	15.862	2201	2206	2209	rVV3	40648	64910	0.62%	0.060%
61	15.898	2209	2212	2218	rVB5	23768	39459	0.38%	0.037%
62	16.304	2277	2281	2286	rVV8	17010	30123	0.29%	0.028%
63	16.427	2295	2302	2305	rBV5	26514	54318	0.52%	0.050%
64	16.527	2314	2319	2325	rVB6	45538	90561	0.86%	0.084%
65	16.604	2329	2332	2337	rVV6	14794	23222	0.22%	0.022%
66	16.651	2337	2340	2343	rVV2	56097	71374	0.68%	0.066%
67	16.686	2343	2346	2354	rVB	37746	71035	0.68%	0.066%
68	16.792	2360	2364	2370	rBV9	17008	29405	0.28%	0.027%
69	16.862	2370	2376	2381	rBV	4315222	6124346	58.26%	5.673%
70	16.904	2381	2383	2388	rVV	622596	792436	7.54%	0.734%
71	16.962	2388	2393	2407	rVV	5486144	8000056	76.10%	7.410%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024164.D
 Acq On : 18 Dec 2019 22:12
 Operator : JU
 Sample : K6171-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BS9

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

72	17.074	2407	2412	2422	rVV6	42648	118919	1.13%	0.110%
73	17.180	2426	2430	2438	rVV	109479	180255	1.71%	0.167%
74	17.280	2441	2447	2458	rVV3	106478	220699	2.10%	0.204%
75	17.392	2462	2466	2469	rVV4	36410	47222	0.45%	0.044%
76	17.556	2490	2494	2496	rBV5	17141	26010	0.25%	0.024%
77	17.668	2506	2513	2520	rBV7	71611	164897	1.57%	0.153%
78	17.745	2520	2526	2529	rBV2	77264	118548	1.13%	0.110%
79	17.792	2529	2534	2543	rBV	581862	876486	8.34%	0.812%
80	17.933	2554	2558	2562	rBV2	117112	171552	1.63%	0.159%
81	17.974	2563	2565	2569	rVB	46961	46654	0.44%	0.043%
82	18.086	2581	2584	2589	rVB4	27326	42060	0.40%	0.039%
83	18.250	2609	2612	2616	rBV	53682	69753	0.66%	0.065%
84	18.303	2617	2621	2626	rVB3	54750	79451	0.76%	0.074%
85	18.674	2680	2684	2687	rBV2	47890	70713	0.67%	0.066%
86	18.715	2687	2691	2697	rVV6	77061	167156	1.59%	0.155%
87	18.933	2719	2728	2735	rBV	1413338	2037507	19.38%	1.887%
88	19.086	2751	2754	2760	rBV4	109612	170823	1.63%	0.158%
89	19.156	2763	2766	2768	rBV	57071	76577	0.73%	0.071%
90	19.274	2780	2786	2801	rBV2	6589425	10512040	100.00%	9.737%
91	19.803	2874	2876	2882	rVB2	143366	200141	1.90%	0.185%
92	19.909	2891	2894	2897	rVB	105794	122863	1.17%	0.114%
93	20.309	2959	2962	2966	rBV	291863	330001	3.14%	0.306%
94	20.815	3044	3048	3054	rBV2	1439445	1877211	17.86%	1.739%
95	21.074	3086	3092	3096	rBV	4676686	6468374	61.53%	5.992%
96	21.109	3096	3098	3107	rVB	570067	727193	6.92%	0.674%
97	21.680	3191	3195	3203	rBV3	456346	826194	7.86%	0.765%
98	22.233	3286	3289	3295	rVB	676163	870822	8.28%	0.807%
99	23.074	3427	3432	3437	rBV	3676934	5900586	56.13%	5.466%
100	23.203	3449	3454	3461	rBV	2696742	4707595	44.78%	4.361%

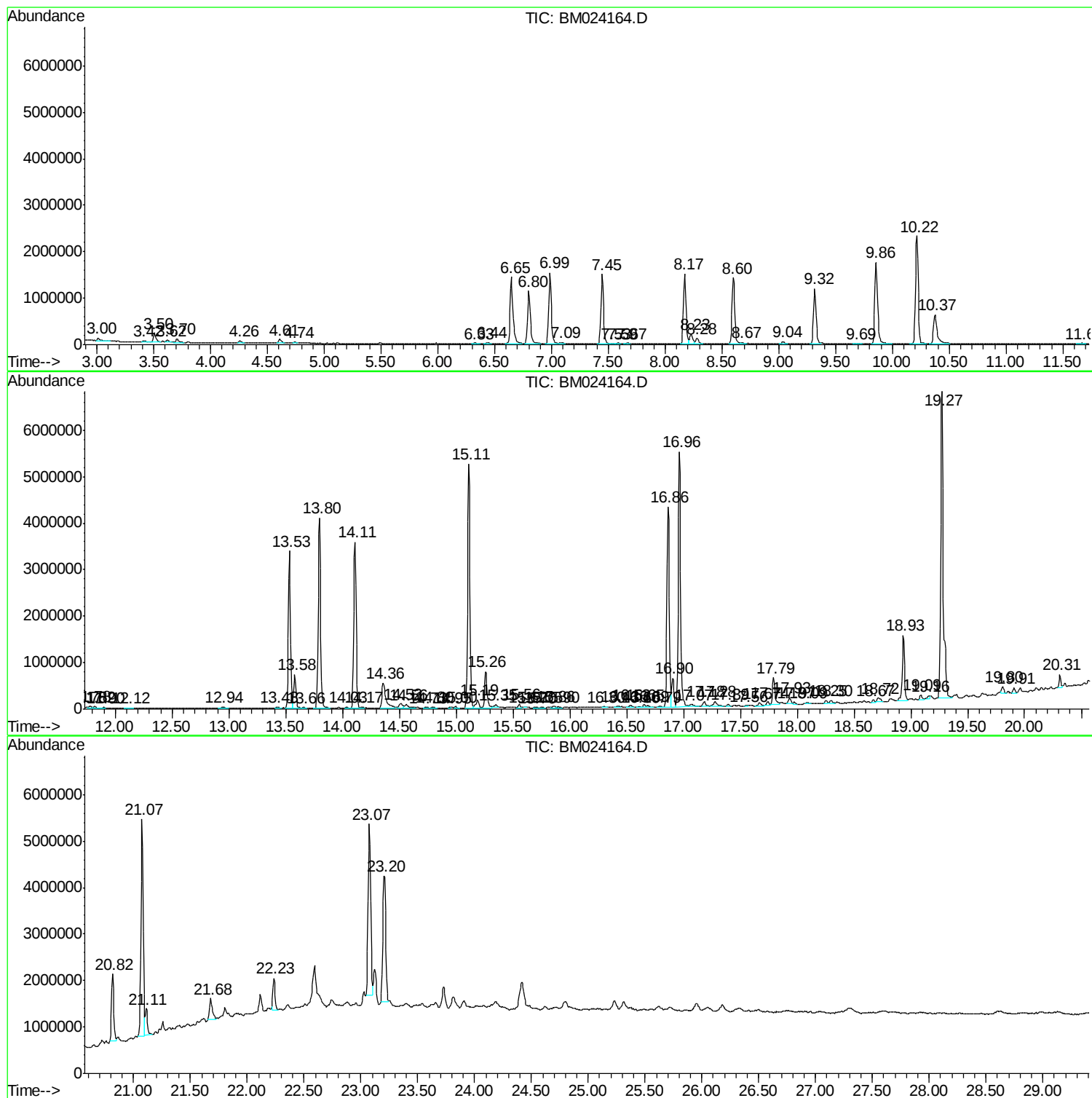
Sum of corrected areas: 107956878

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024164.D
Acq On : 18 Dec 2019 22:12
Operator : JU
Sample : K6171-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BS9

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024164.D
Acq On : 18 Dec 2019 22:12
Operator : JU
Sample : K6171-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BS9

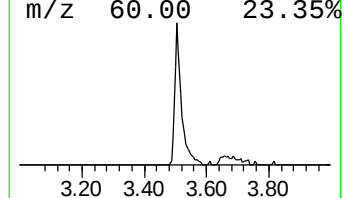
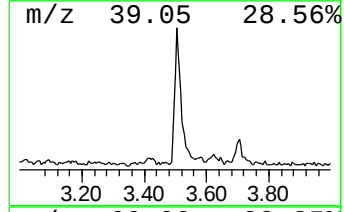
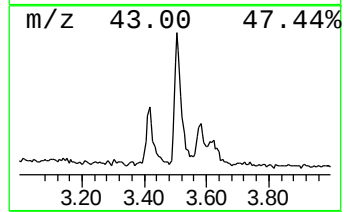
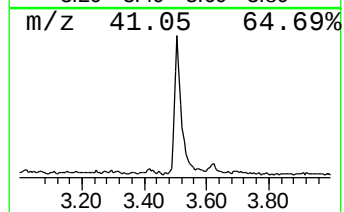
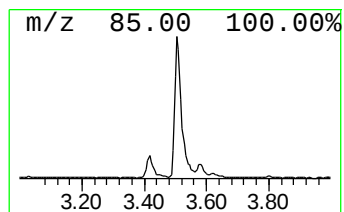
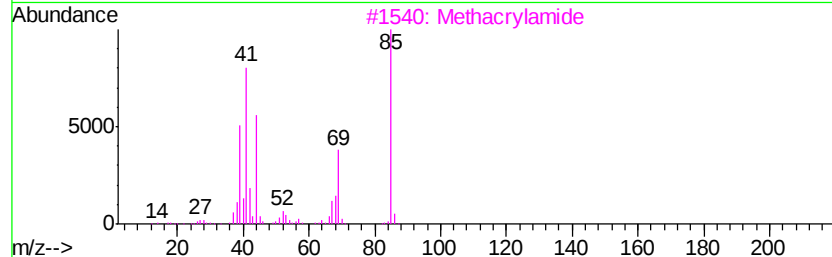
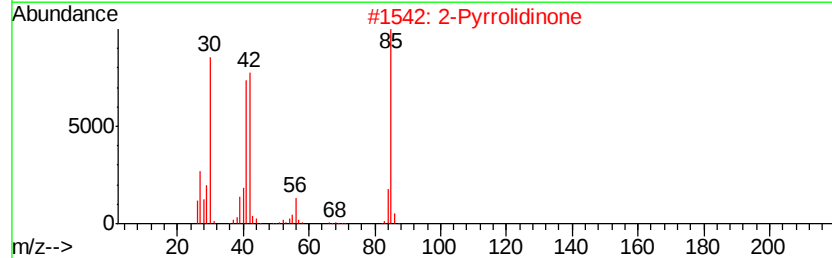
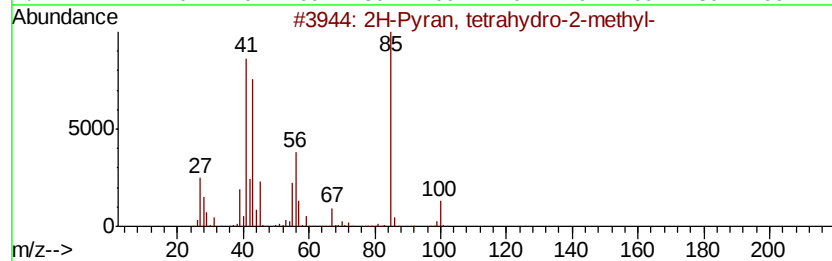
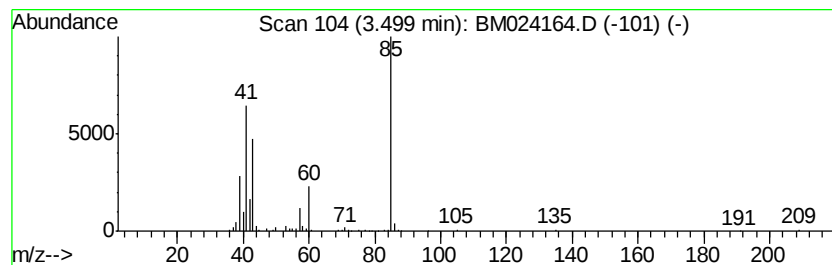
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	2.44 ng/ul	296704	1,4-Dichlorobenzene-d4	7.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
2		2-Pyrrolidinone	85	C4H7NO	000616-45-5	38
3		Methacrylamide	85	C4H7NO	000079-39-0	33
4		Valeric acid, 3-tridecyl ester	284	C18H36O2	1000281-98-9	9
5		2(3H)-Furanone, 5-ethylidihydro-	114	C6H10O2	000695-06-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024164.D
Acq On : 18 Dec 2019 22:12
Operator : JU
Sample : K6171-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BS9

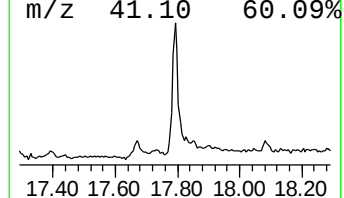
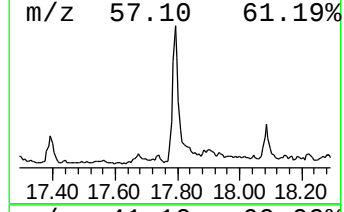
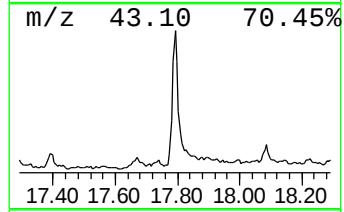
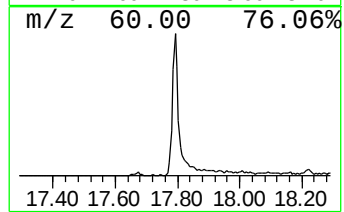
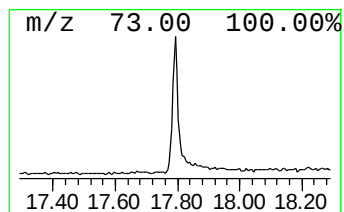
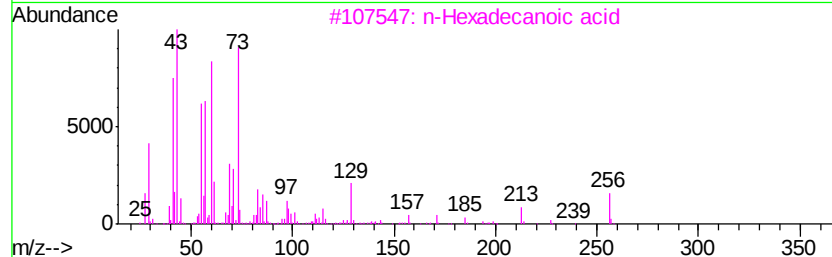
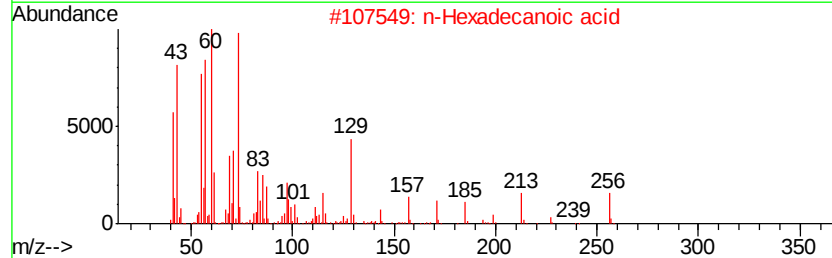
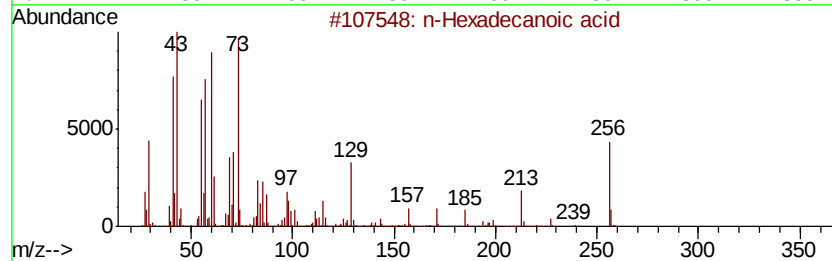
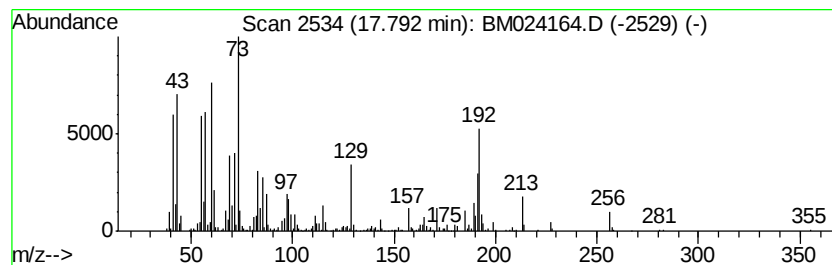
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.86 ng/ul	876486	Phenanthrene-d10	16.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		Dodecanoic acid	200	C12H24O2	000143-07-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024164.D
Acq On : 18 Dec 2019 22:12
Operator : JU
Sample : K6171-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

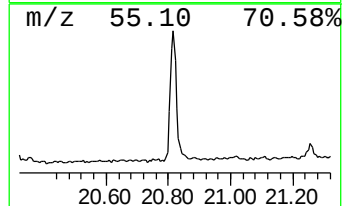
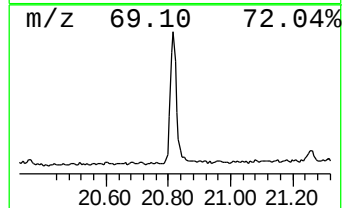
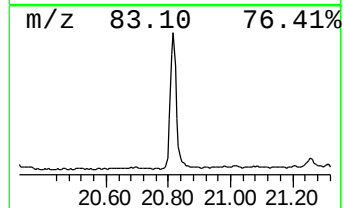
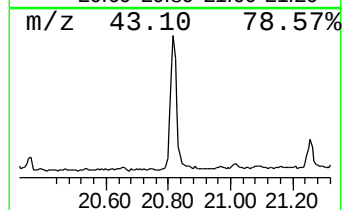
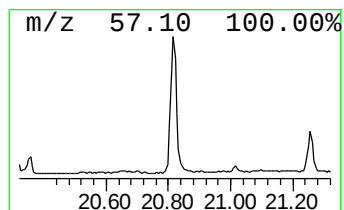
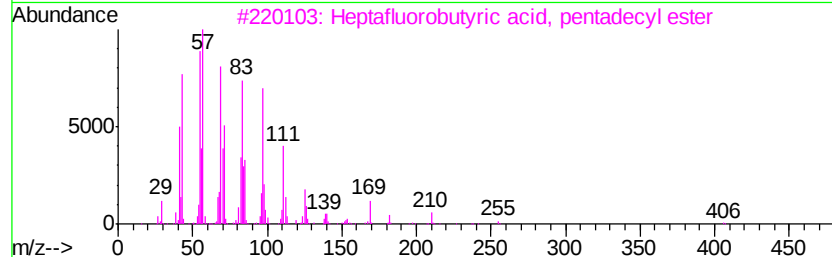
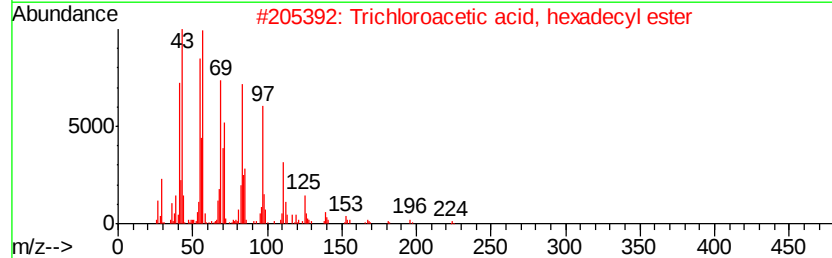
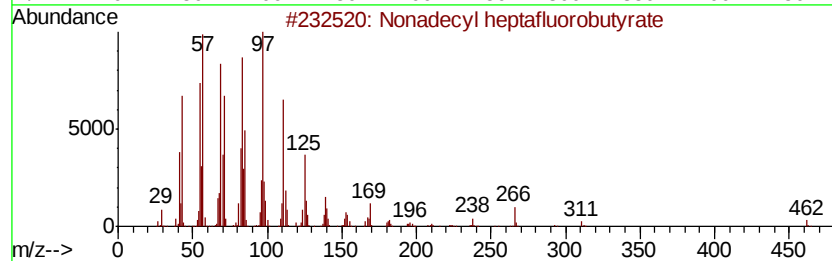
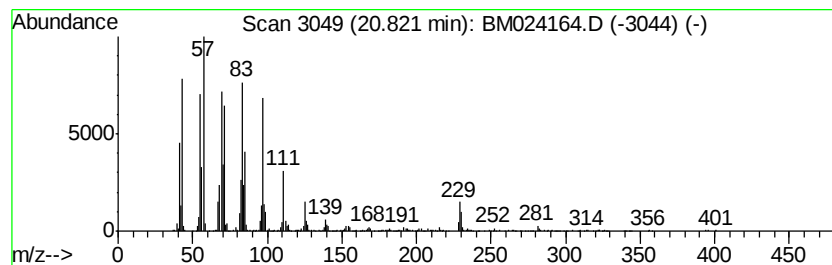
Instrument :
BNA_M
ClientSampleId :
C0BS9

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 3 Nonadecyl heptafluorobutyrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.82	5.80 ng/ul	1877210	Chrysene-d12	21.07		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecyl heptafluorobutvrate	480	C23H39F7O2	1000351-83-9	91
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		Heptafluorobutvric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4		Heptafluorobutvric acid, n-tetra...	410	C18H29F7O2	007365-36-8	87
5		1-Hexadecanol	242	C16H34O	036653-82-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024164.D
Acq On : 18 Dec 2019 22:12
Operator : JU
Sample : K6171-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BS9

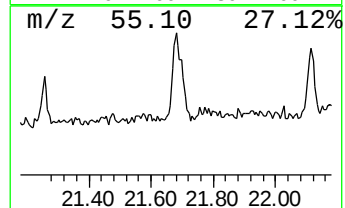
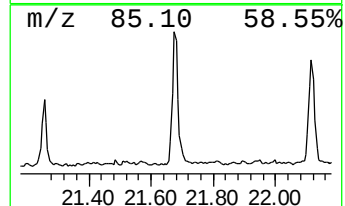
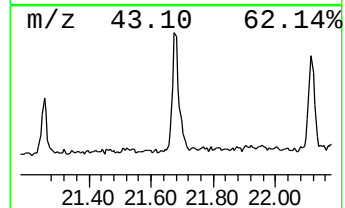
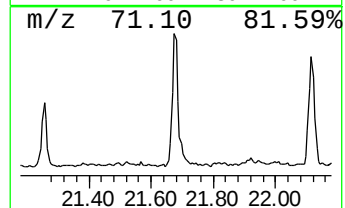
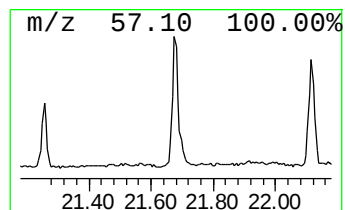
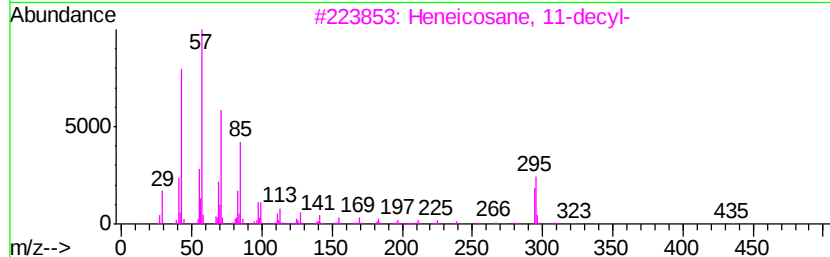
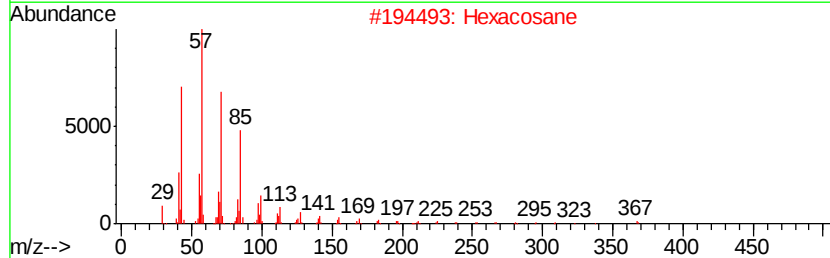
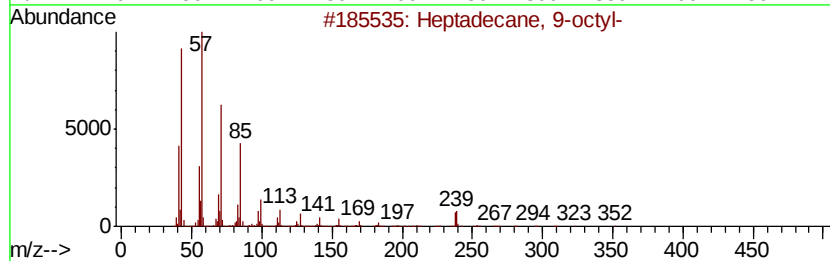
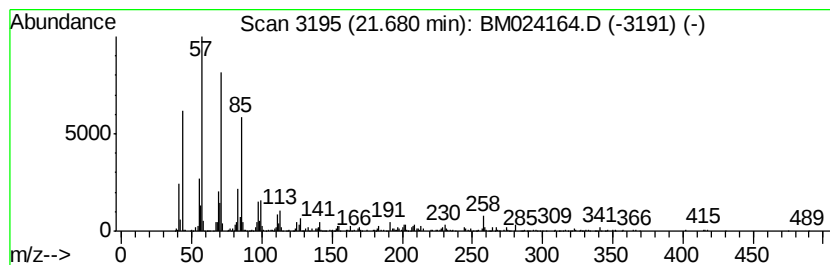
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.68	2.55 ng/ul	826194	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024164.D
Acq On : 18 Dec 2019 22:12
Operator : JU
Sample : K6171-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BS9

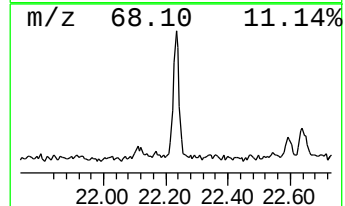
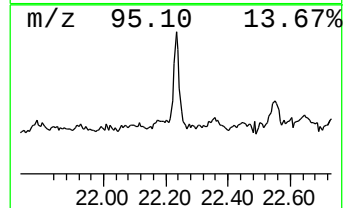
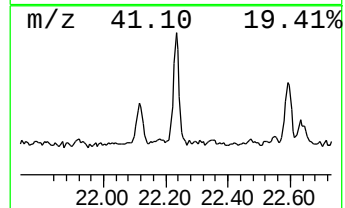
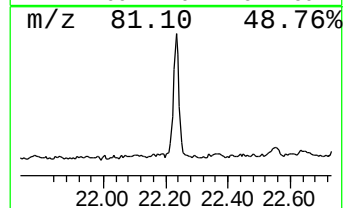
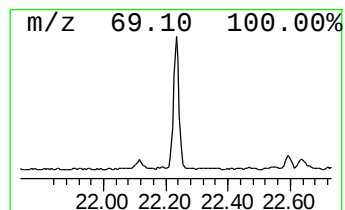
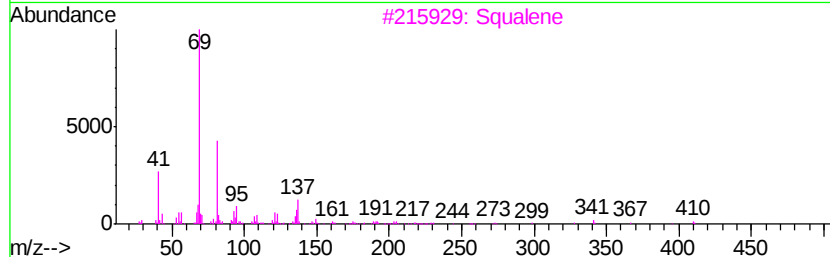
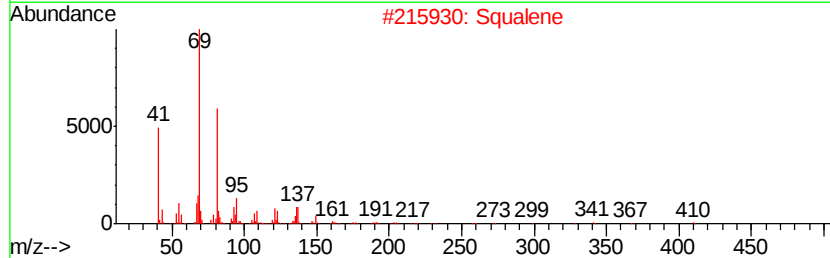
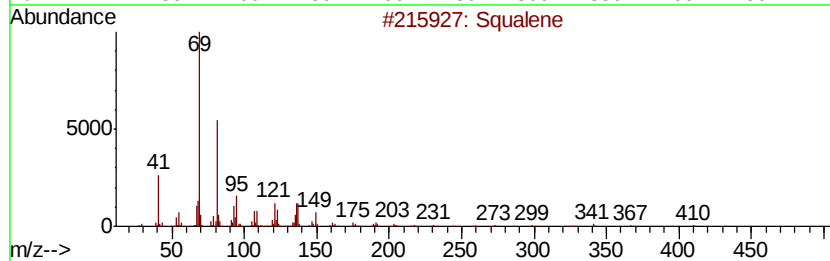
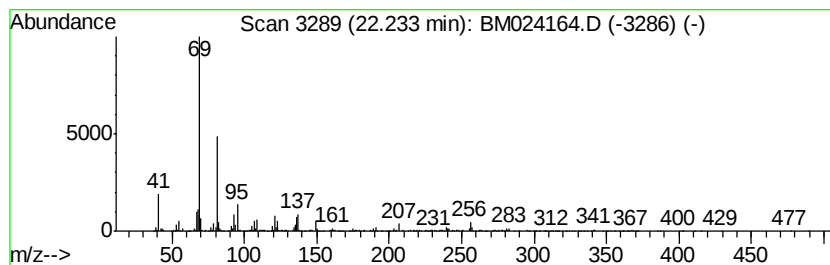
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	3.70 ng/ul	870822	Perylene-d12	23.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Squalene	410	C30H50	000111-02-4	87
3		Squalene	410	C30H50	000111-02-4	80
4		Supraene	410	C30H50	007683-64-9	72
5		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121719\
Data File : BM024164.D
Acq On : 18 Dec 2019 22:12
Operator : JU
Sample : K6171-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BS9

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
unknown-01	3.50	2.4	ng/ul	296704	1	7.45	2429000	20.0
n-Hexadecanoic acid	17.79	2.9	ng/ul	876486	4	16.86	6124350	20.0
Nonadecyl heptafl...	20.82	5.8	ng/ul	1877210	5	21.07	6468370	20.0
(DEL) Alkane: Str...	21.68	2.5	ng/ul	826194	5	21.07	6468370	20.0
Squalene	22.23	3.7	ng/ul	870822	6	23.21	4707600	20.0