

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
 Data File : BM024372.D
 Acq On : 30 Dec 2019 14:34
 Operator : JU
 Sample : K6322-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0C35

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	2.993	15	18	27	rVB2	28605	47120	1.44%	0.112%
2	3.599	116	121	128	rVB	22165	48319	1.48%	0.115%
3	3.681	131	135	149	rVB	31663	56834	1.74%	0.135%
4	3.922	173	176	180	rBV4	5166	9281	0.28%	0.022%
5	4.004	188	190	194	rVB4	5621	6280	0.19%	0.015%
6	4.104	205	207	216	rVB6	10016	18381	0.56%	0.044%
7	4.581	285	288	296	rBV2	25752	45138	1.38%	0.108%
8	4.640	296	298	308	rVB9	7111	12082	0.37%	0.029%
9	5.093	370	375	382	rBV	18322	34230	1.05%	0.082%
10	5.451	428	436	441	rBV7	13405	25098	0.77%	0.060%
11	6.140	548	553	556	rBV5	5046	7680	0.24%	0.018%
12	6.516	614	617	620	rVB3	4885	5883	0.18%	0.014%
13	6.616	628	634	654	rVV2	399805	880230	26.94%	2.097%
14	6.769	654	660	676	rVV	362716	638784	19.55%	1.522%
15	6.951	685	691	703	rBV	491188	828069	25.34%	1.973%
16	7.045	703	707	714	rVB7	13937	33178	1.02%	0.079%
17	7.410	761	769	781	rBV	794683	1305606	39.96%	3.110%
18	7.504	784	785	791	rVV3	7032	10320	0.32%	0.025%
19	8.140	887	893	907	rVV	377220	723347	22.14%	1.723%
20	8.257	909	913	921	rVB	19875	34118	1.04%	0.081%
21	8.569	959	966	975	rBV	425522	773256	23.67%	1.842%
22	8.734	992	994	1001	rVB7	4010	9583	0.29%	0.023%
23	8.987	1033	1037	1044	rVB3	10609	17945	0.55%	0.043%
24	9.281	1081	1087	1097	rBV	337798	633160	19.38%	1.508%
25	9.822	1172	1179	1200	rBV	454382	949038	29.05%	2.261%
26	10.175	1232	1239	1246	rBV	1080133	1834610	56.15%	4.370%
27	10.339	1259	1267	1283	rBV	311029	738724	22.61%	1.760%
28	11.216	1412	1416	1422	rBV4	6005	12135	0.37%	0.029%
29	11.628	1479	1486	1492	rBV8	11255	21789	0.67%	0.052%
30	11.786	1509	1513	1521	rVV3	6747	13631	0.42%	0.032%
31	11.863	1521	1526	1536	rVB2	10952	22638	0.69%	0.054%
32	12.086	1558	1564	1570	rBV4	7571	13847	0.42%	0.033%
33	12.904	1699	1703	1711	rBV2	19448	30724	0.94%	0.073%
34	12.980	1711	1716	1721	rVV3	12382	19259	0.59%	0.046%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
 Data File : BM024372.D
 Acq On : 30 Dec 2019 14:34
 Operator : JU
 Sample : K6322-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0C35

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	13.239	1754	1760	1761	rBV3	3967	5311	0.16%	0.013%
36	13.392	1782	1786	1791	rBV4	7591	13899	0.43%	0.033%
37	13.451	1791	1796	1798	rVV5	3799	6174	0.19%	0.015%
38	13.498	1798	1804	1809	rVV	1038821	1463874	44.80%	3.487%
39	13.551	1809	1813	1823	rVV	293010	460755	14.10%	1.098%
40	13.763	1842	1849	1860	rBV	1173347	1752210	53.63%	4.174%
41	13.998	1883	1889	1894	rVB3	16250	25217	0.77%	0.060%
42	14.074	1894	1902	1911	rBV	1563042	2285744	69.96%	5.445%
43	14.363	1945	1951	1964	rBV3	76359	255591	7.82%	0.609%
44	14.486	1970	1972	1977	rVB6	6739	8379	0.26%	0.020%
45	14.545	1977	1982	1991	rVB5	34610	60723	1.86%	0.145%
46	14.904	2038	2043	2047	rVB4	4292	7197	0.22%	0.017%
47	14.963	2047	2053	2057	rBV2	16538	24422	0.75%	0.058%
48	15.080	2066	2073	2084	rBV	1500608	2190057	67.03%	5.217%
49	15.245	2095	2101	2111	rBV	191818	359807	11.01%	0.857%
50	15.321	2111	2114	2118	rVV2	19861	30903	0.95%	0.074%
51	15.374	2120	2123	2125	rVB4	4718	5879	0.18%	0.014%
52	15.515	2144	2147	2151	rVB5	7003	11320	0.35%	0.027%
53	15.586	2157	2159	2166	rVB4	5793	8685	0.27%	0.021%
54	15.663	2166	2172	2173	rBV4	5478	5985	0.18%	0.014%
55	15.827	2196	2200	2205	rVV2	19773	30006	0.92%	0.071%
56	15.863	2205	2206	2210	rVB3	6081	6992	0.21%	0.017%
57	15.992	2225	2228	2232	rBV6	3852	5995	0.18%	0.014%
58	16.074	2238	2242	2246	rVB5	5662	8830	0.27%	0.021%
59	16.233	2266	2269	2272	rBV2	4912	5623	0.17%	0.013%
60	16.404	2294	2298	2299	rBV3	6472	5672	0.17%	0.014%
61	16.421	2299	2301	2305	rVB5	6590	7351	0.22%	0.018%
62	16.504	2311	2315	2321	rVB7	11592	18166	0.56%	0.043%
63	16.580	2324	2328	2331	rBV4	5137	6231	0.19%	0.015%
64	16.621	2331	2335	2339	rBV3	23985	28268	0.87%	0.067%
65	16.651	2339	2340	2348	rVB6	7089	11330	0.35%	0.027%
66	16.768	2357	2360	2362	rBV4	4900	6048	0.19%	0.014%
67	16.833	2365	2371	2376	rBV	1861932	2537934	77.68%	6.046%
68	16.874	2376	2378	2382	rVV2	42975	49986	1.53%	0.119%
69	16.933	2382	2388	2403	rVB	1596970	2344901	71.77%	5.586%
70	17.062	2408	2410	2414	rVB5	6152	6277	0.19%	0.015%
71	17.168	2426	2428	2431	rVB4	9363	8548	0.26%	0.020%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
 Data File : BM024372.D
 Acq On : 30 Dec 2019 14:34
 Operator : JU
 Sample : K6322-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0C35

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	17.257	2438	2443	2445	rBV6	12271	21074	0.65%	0.050%
73	17.362	2457	2461	2464	rVB4	16128	19513	0.60%	0.046%
74	17.533	2488	2490	2494	rVB4	7665	8704	0.27%	0.021%
75	17.633	2505	2507	2515	rVB6	7483	14030	0.43%	0.033%
76	17.715	2517	2521	2524	rVB5	9290	12456	0.38%	0.030%
77	17.757	2524	2528	2534	rBV4	77704	122257	3.74%	0.291%
78	17.909	2551	2554	2558	rBV6	8447	14188	0.43%	0.034%
79	18.051	2572	2578	2581	rBV6	23019	41797	1.28%	0.100%
80	18.192	2599	2602	2604	rBV4	9326	9496	0.29%	0.023%
81	18.698	2685	2688	2692	rBV2	31584	42656	1.31%	0.102%
82	18.880	2716	2719	2721	rBV3	15882	19565	0.60%	0.047%
83	18.909	2721	2724	2731	rVB3	27632	39046	1.20%	0.093%
84	19.056	2746	2749	2755	rBV8	20208	31115	0.95%	0.074%
85	19.245	2775	2781	2792	rBV	2032902	2883611	88.26%	6.869%
86	19.533	2826	2830	2835	rVB2	37150	53631	1.64%	0.128%
87	19.827	2877	2880	2884	rBV3	42108	46594	1.43%	0.111%
88	20.080	2920	2923	2927	rBV2	42779	57721	1.77%	0.137%
89	20.280	2955	2957	2961	rBV4	35066	48284	1.48%	0.115%
90	20.327	2962	2965	2968	rVV	59930	68893	2.11%	0.164%
91	20.792	3040	3044	3049	rVB2	379208	492193	15.06%	1.172%
92	21.050	3083	3088	3097	rBV	2203813	2980064	91.21%	7.099%
93	21.227	3115	3118	3124	rVB	297266	319505	9.78%	0.761%
94	21.645	3186	3189	3195	rBV	488517	593762	18.17%	1.414%
95	22.080	3260	3263	3269	rVB	603152	774585	23.71%	1.845%
96	22.556	3339	3344	3355	rVB2	871569	1459560	44.67%	3.477%
97	23.039	3421	3426	3430	rBV	1675041	2692566	82.41%	6.414%
98	23.080	3430	3433	3440	rVB	694214	1089534	33.35%	2.595%
99	23.168	3443	3448	3466	rVB	1704172	3267214	100.00%	7.783%
100	23.680	3531	3535	3542	rVB	474298	824724	25.24%	1.965%

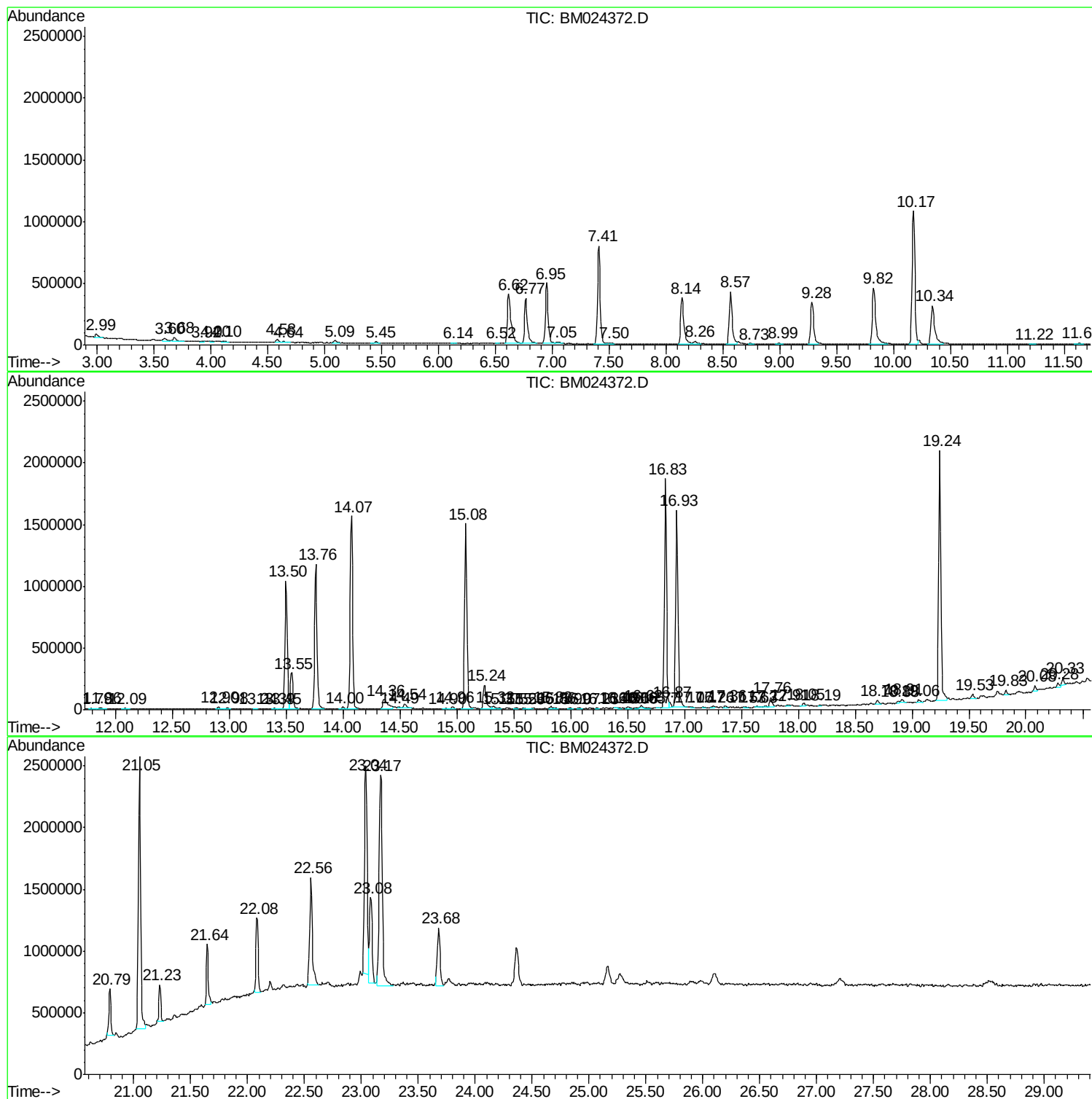
Sum of corrected areas: 41978945

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024372.D
Acq On : 30 Dec 2019 14:34
Operator : JU
Sample : K6322-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C35

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\BM123019\
Data File : BM024372.D
Acq On : 30 Dec 2019 14:34
Operator : JU
Sample : K6322-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

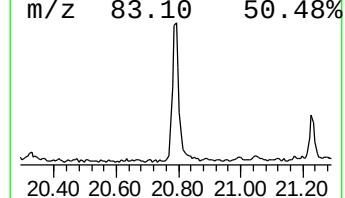
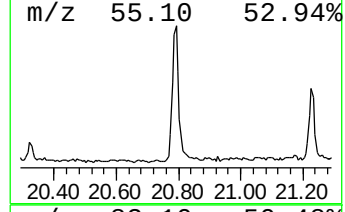
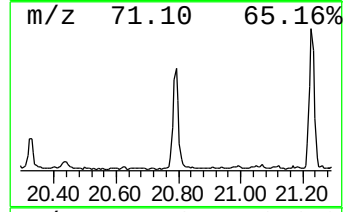
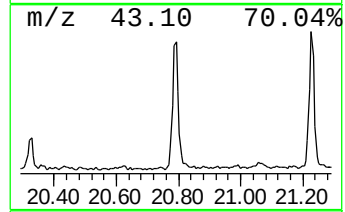
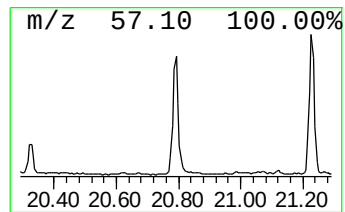
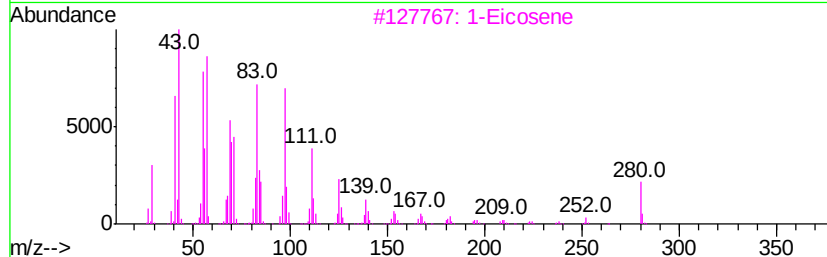
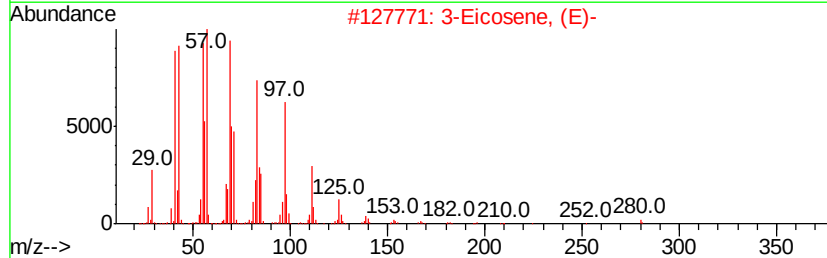
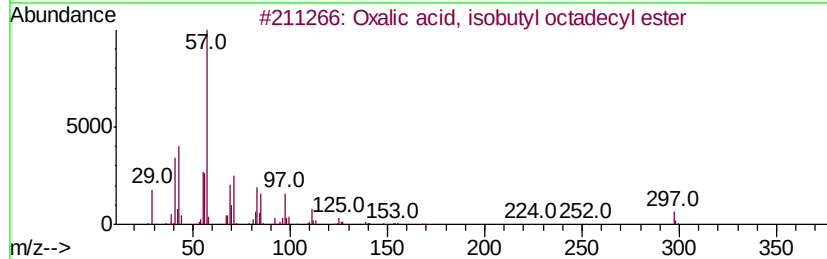
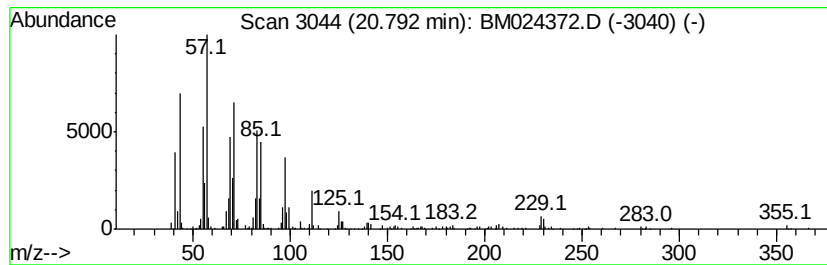
Instrument :
BNA_M
ClientSampleId :
C0C35

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 Oxalic acid, isobutyl octadecyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.79	3.30 ng/ul	492193	Chrysene-d12	21.05		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	90	
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	87	
3	1-Eicosene	280	C20H40	003452-07-1	83	
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	70	
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	64	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024372.D
Acq On : 30 Dec 2019 14:34
Operator : JU
Sample : K6322-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C35

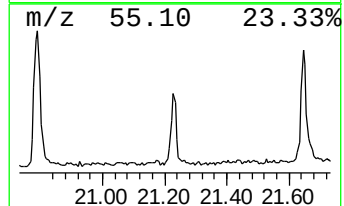
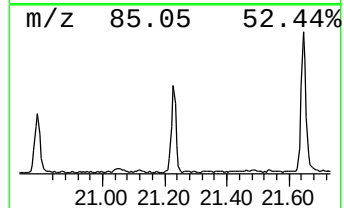
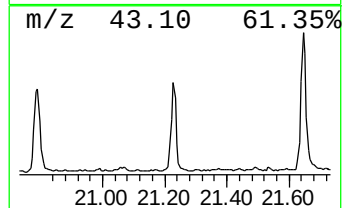
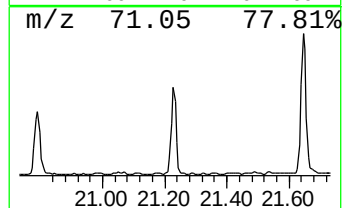
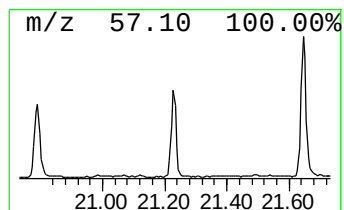
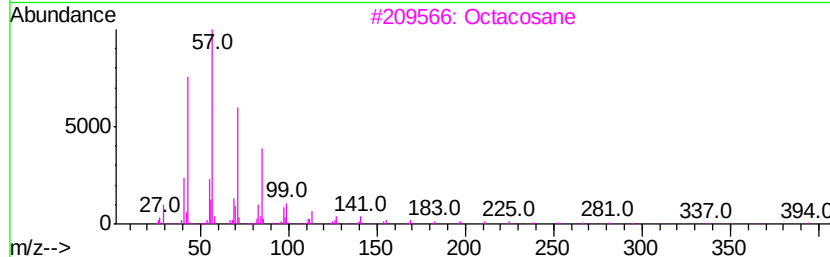
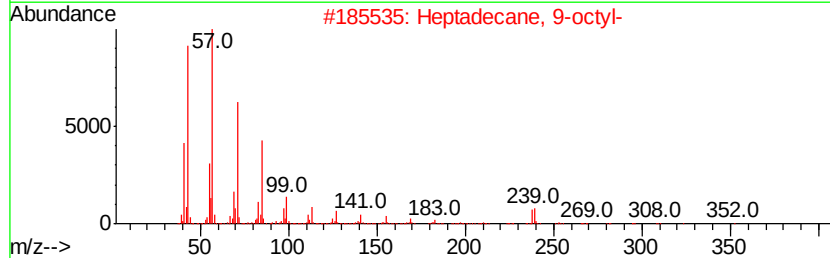
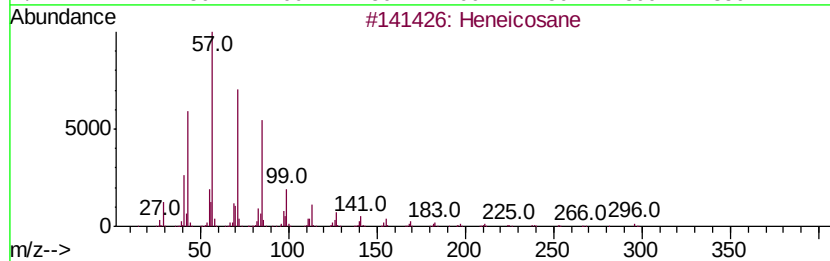
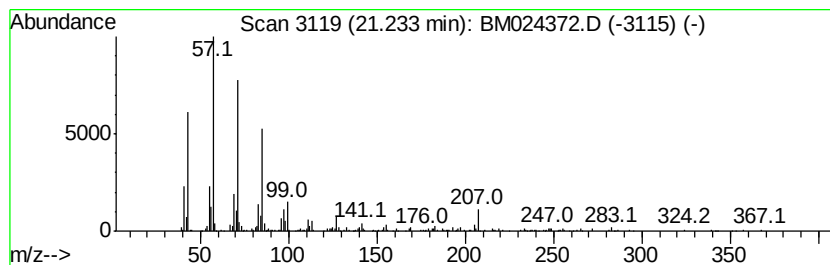
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	2.14 ng/ul	319505	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Octadecane	254	C18H38	000593-45-3	86
5		Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024372.D
Acq On : 30 Dec 2019 14:34
Operator : JU
Sample : K6322-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C35

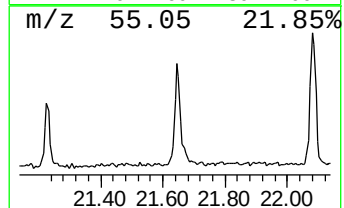
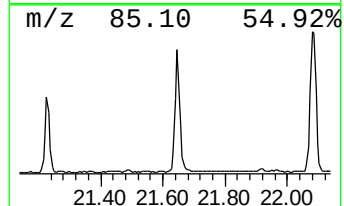
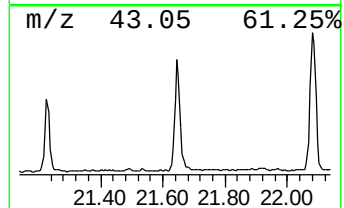
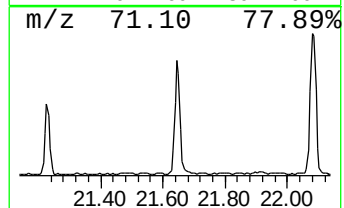
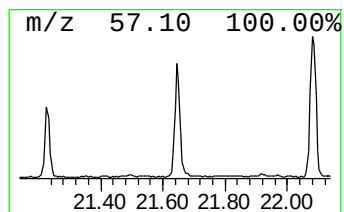
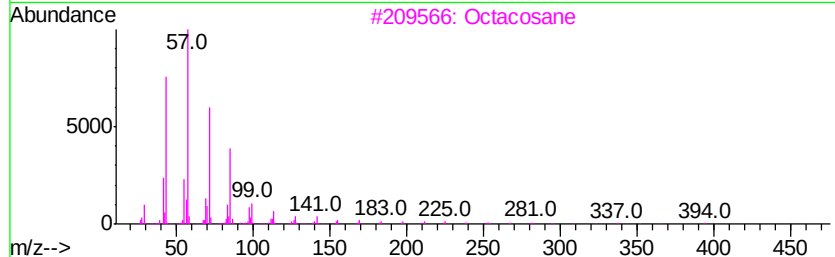
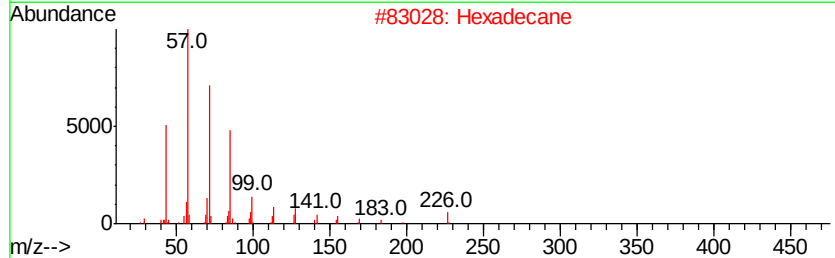
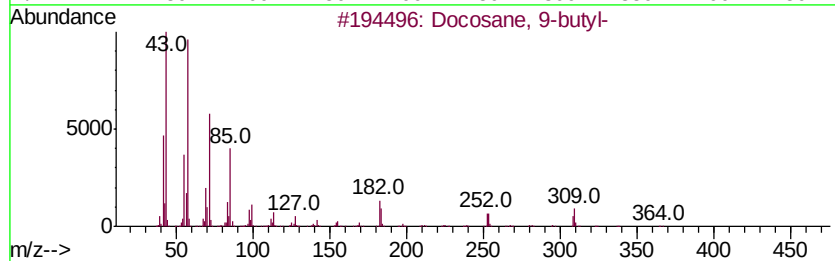
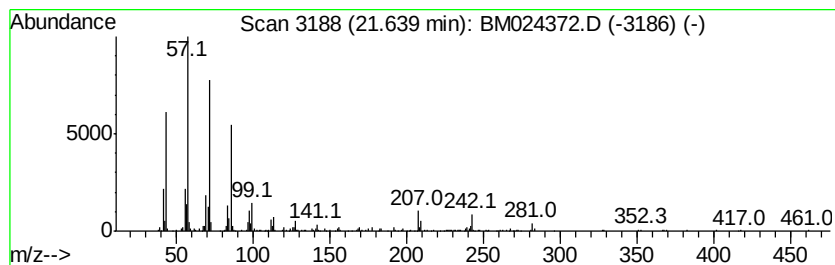
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	3.98 ng/ul	593762	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 9-butyl-	366	C26H54	055282-14-9	93
2		Hexadecane	226	C16H34	000544-76-3	91
3		Octacosane	394	C28H58	000630-02-4	87
4		Tetradecane	198	C14H30	000629-59-4	87
5		Docosane, 5-butyl-	366	C26H54	055282-16-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024372.D
Acq On : 30 Dec 2019 14:34
Operator : JU
Sample : K6322-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C35

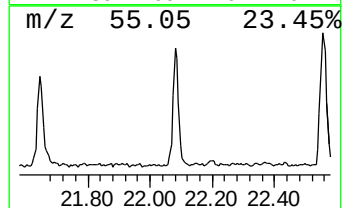
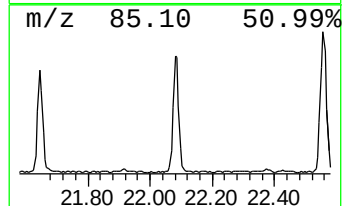
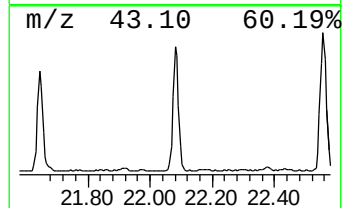
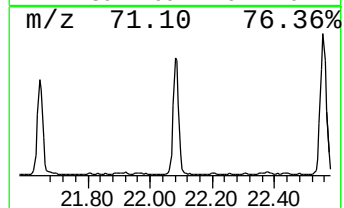
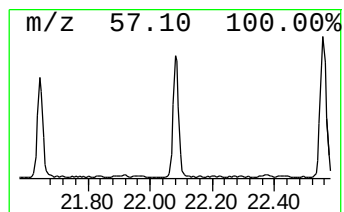
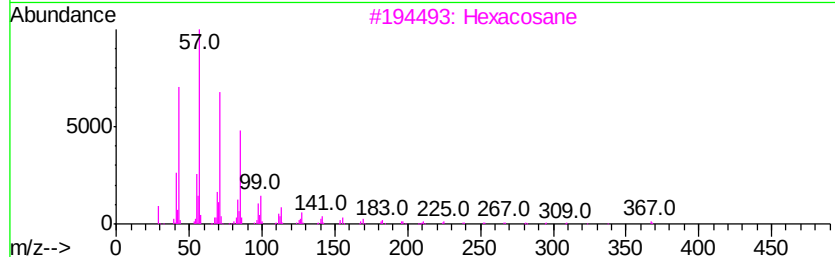
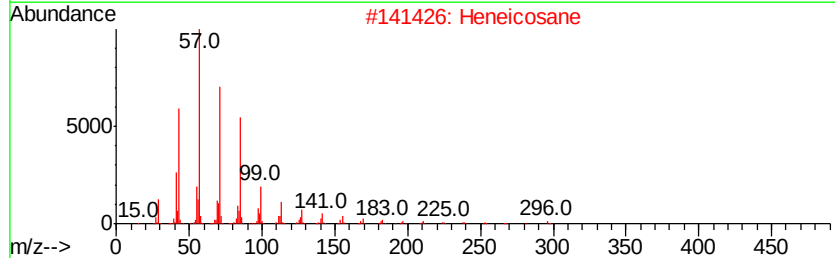
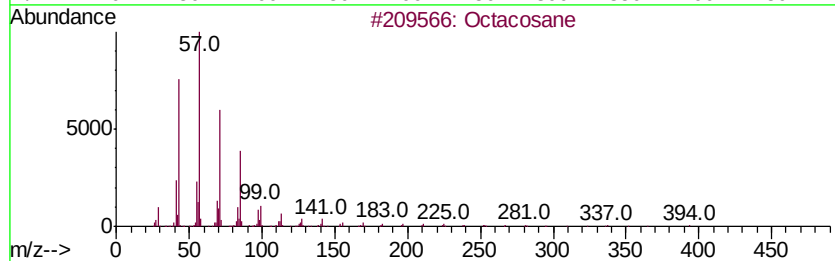
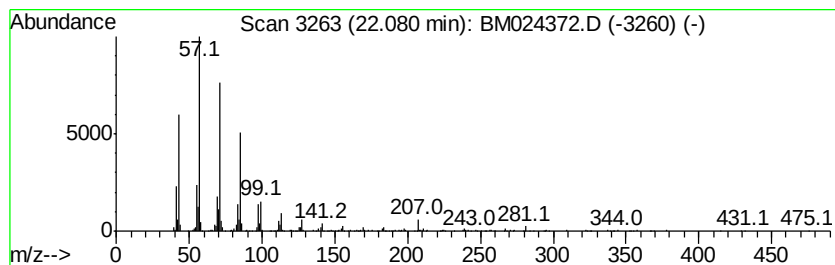
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.08	5.20 ng/ul	774585	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024372.D
Acq On : 30 Dec 2019 14:34
Operator : JU
Sample : K6322-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C35

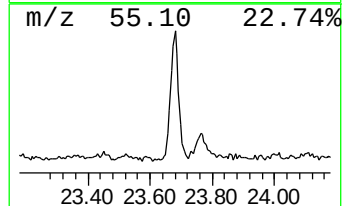
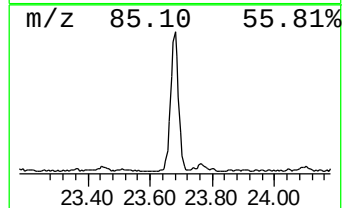
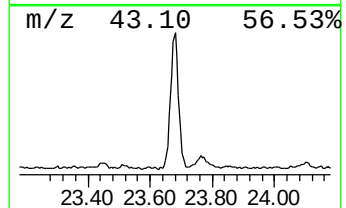
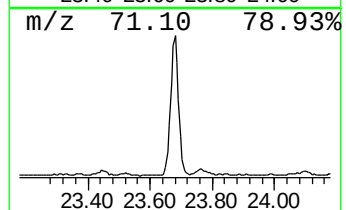
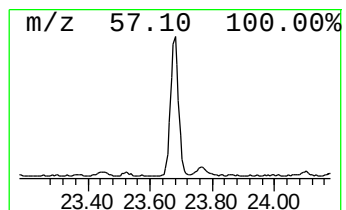
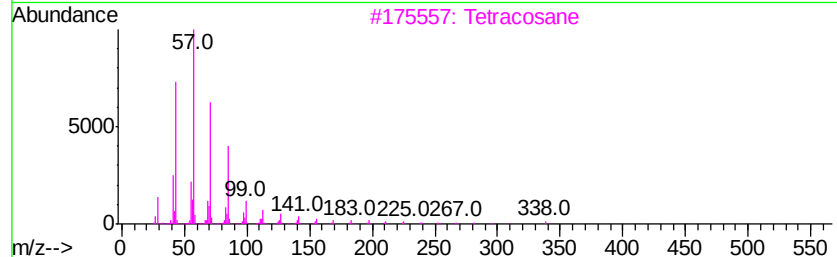
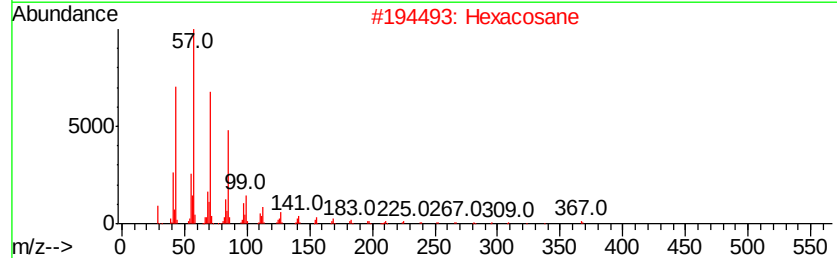
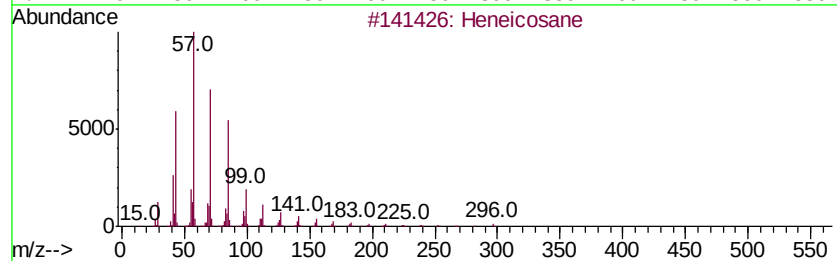
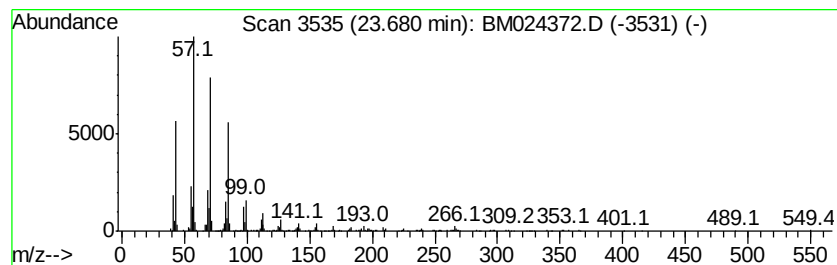
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.68	5.05 ng/ul	824724	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Tetracosane	338	C24H50	000646-31-1	87
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM123019\
Data File : BM024372.D
Acq On : 30 Dec 2019 14:34
Operator : JU
Sample : K6322-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C35

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
Oxalic acid, isob...	20.79	3.3	ng/ul	492193	5	21.05	2980060	20.0
(DEL) Alkane: Str...	21.23	2.1	ng/ul	319505	5	21.05	2980060	20.0
(DEL) Alkane: Str...	21.64	4.0	ng/ul	593762	5	21.05	2980060	20.0
(DEL) Alkane: Str...	22.08	5.2	ng/ul	774585	5	21.05	2980060	20.0
(DEL) Alkane: Str...	23.68	5.0	ng/ul	824724	6	23.17	3267210	20.0