

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
 Data File : BN006446.D
 Acq On : 21 Jun 2019 01:44
 Operator : JU/SJ
 Sample : K3360-10
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41Z0

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_N\METHODS\SOM-EPA-BN061919MA.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	3.134	22	25	32	rBV	37727	51748	0.94%	0.084%
2	3.646	109	112	121	rVB5	6799	12317	0.22%	0.020%
3	3.764	128	132	136	rVB	21655	27733	0.50%	0.045%
4	3.864	145	149	155	rVB	9335	14838	0.27%	0.024%
5	4.752	295	300	311	rBV	32134	52074	0.94%	0.085%
6	5.158	364	369	375	rBV2	8569	14479	0.26%	0.024%
7	5.305	389	394	400	rBV2	9728	16268	0.29%	0.027%
8	5.652	449	453	458	rVB4	6969	11553	0.21%	0.019%
9	6.311	558	565	573	rVB	118167	182257	3.29%	0.298%
10	6.611	611	616	620	rVB4	9807	13457	0.24%	0.022%
11	6.805	640	649	665	rBV	635994	1161199	20.99%	1.896%
12	6.963	670	676	687	rVV	604245	929340	16.80%	1.517%
13	7.058	687	692	703	rVB	177930	282621	5.11%	0.461%
14	7.158	703	709	720	rBV	669824	1088921	19.68%	1.778%
15	7.269	725	728	736	rVB3	11880	20233	0.37%	0.033%
16	7.622	782	788	803	rBV	881625	1482616	26.80%	2.420%
17	7.840	820	825	829	rVV5	4069	6362	0.11%	0.010%
18	7.893	829	834	840	rVB8	4022	8098	0.15%	0.013%
19	8.334	903	909	925	rBV	659993	1125116	20.33%	1.837%
20	8.452	925	929	934	rVV	18942	34066	0.62%	0.056%
21	8.510	936	939	947	rVB6	6613	13788	0.25%	0.023%
22	8.781	978	985	1001	rBV	649250	1148828	20.76%	1.875%
23	8.952	1010	1014	1019	rVB5	4226	7076	0.13%	0.012%
24	9.193	1050	1055	1060	rVB	11658	16102	0.29%	0.026%
25	9.499	1101	1107	1120	rBV	526300	918089	16.59%	1.499%
26	9.705	1139	1142	1149	rVB5	4519	6589	0.12%	0.011%
27	10.034	1192	1198	1216	rBV	768298	1368583	24.73%	2.234%
28	10.404	1253	1261	1276	rBV	1437974	2356411	42.59%	3.847%
29	10.552	1279	1286	1305	rBV	691678	1365071	24.67%	2.228%
30	11.687	1474	1479	1485	rBV2	3582	6258	0.11%	0.010%
31	11.840	1499	1505	1508	rBV5	3731	6637	0.12%	0.011%
32	12.010	1527	1534	1542	rBV	8197	14837	0.27%	0.024%
33	12.875	1678	1681	1687	rBV5	4177	6758	0.12%	0.011%
34	13.598	1799	1804	1808	rBV5	14646	19569	0.35%	0.032%

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35	13.693	1814	1820	1824	rBV	1931630	2562439	46.31%	4.183%
36	13.740	1824	1828	1838	rVB	354226	485215	8.77%	0.792%
37	13.969	1860	1867	1880	rBV	1875514	2780969	50.26%	4.540%
38	14.181	1901	1903	1907	rBV2	4182	5819	0.11%	0.009%
39	14.281	1912	1920	1929	rBV2	2180235	3274379	59.18%	5.345%
40	14.351	1929	1932	1938	rVB5	8232	14227	0.26%	0.023%
41	14.504	1951	1958	1978	rBV	455060	919088	16.61%	1.500%
42	14.716	1991	1994	2003	rVB7	15120	26832	0.48%	0.044%
43	15.087	2051	2057	2061	rBV	26745	35019	0.63%	0.057%
44	15.140	2061	2066	2072	rVB4	10056	13664	0.25%	0.022%
45	15.281	2083	2090	2103	rBV	2597113	3704677	66.96%	6.048%
46	15.416	2108	2113	2126	rVV	671218	1012749	18.30%	1.653%
47	15.522	2126	2131	2140	rVB2	32872	56560	1.02%	0.092%
48	15.645	2147	2152	2158	rBV5	3389	7678	0.14%	0.013%
49	15.763	2166	2172	2180	rBV6	10471	18218	0.33%	0.030%
50	15.969	2201	2207	2209	rBV3	6042	7825	0.14%	0.013%
51	16.004	2210	2213	2218	rVV4	8635	15993	0.29%	0.026%
52	16.069	2221	2224	2228	rVB3	4319	6842	0.12%	0.011%
53	16.181	2240	2243	2247	rBV4	6472	7737	0.14%	0.013%
54	16.581	2306	2311	2318	rBV	30588	43694	0.79%	0.071%
55	16.798	2345	2348	2350	rBV2	5728	6518	0.12%	0.011%
56	16.828	2350	2353	2359	rVB3	9406	15534	0.28%	0.025%
57	17.034	2382	2388	2399	rBV2	2795431	3997209	72.24%	6.525%
58	17.134	2399	2405	2421	rVB2	2803759	4070677	73.57%	6.645%
59	17.939	2537	2542	2550	rBV	129625	216257	3.91%	0.353%
60	18.216	2582	2589	2592	rBV7	14852	25915	0.47%	0.042%
61	18.375	2613	2616	2621	rVB6	3846	6009	0.11%	0.010%
62	18.616	2654	2657	2662	rVB6	8486	9434	0.17%	0.015%
63	18.875	2697	2701	2705	rBV4	9179	13580	0.25%	0.022%
64	19.004	2719	2723	2725	rBV4	4389	5836	0.11%	0.010%
65	19.075	2731	2735	2738	rBV	28417	38575	0.70%	0.063%
66	19.110	2738	2741	2746	rVB	14529	19937	0.36%	0.033%
67	19.233	2755	2762	2767	rBV2	53028	113885	2.06%	0.186%
68	19.328	2775	2778	2791	rVB	40824	81753	1.48%	0.133%
69	19.445	2791	2798	2810	rBV2	3383448	4917981	88.88%	8.029%
70	19.680	2834	2838	2841	rBV	16755	19718	0.36%	0.032%
71	19.992	2886	2891	2899	rBV2	90442	121309	2.19%	0.198%

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72	20.363	2951	2954	2956	rBV3	13198	17712	0.32%	0.029%
73	20.416	2960	2963	2966	rBV4	22520	25363	0.46%	0.041%
74	20.451	2966	2969	2972	rVV4	16210	21266	0.38%	0.035%
75	20.498	2972	2977	2980	rVV	72330	88801	1.60%	0.145%
76	20.969	3052	3057	3067	rBV	317974	657493	11.88%	1.073%
77	21.163	3087	3090	3093	rBV	34921	41180	0.74%	0.067%
78	21.251	3099	3105	3120	rBV	3522575	4612582	83.36%	7.530%
79	21.404	3127	3131	3135	rBV	183448	196547	3.55%	0.321%
80	21.833	3200	3204	3208	rBV	318928	347668	6.28%	0.568%
81	22.292	3277	3282	3288	rBV	400099	516413	9.33%	0.843%
82	22.792	3362	3367	3374	rBV	456362	648221	11.72%	1.058%
83	23.333	3452	3459	3475	rVB	2780349	5533044	100.00%	9.033%
84	23.474	3476	3483	3497	rVB	2603924	4733015	85.54%	7.727%
85	23.986	3564	3570	3579	rVB	351584	651135	11.77%	1.063%
86	24.715	3689	3694	3704	rVB	208551	428963	7.75%	0.700%
87	25.568	3834	3839	3847	rVB2	113378	266462	4.82%	0.435%

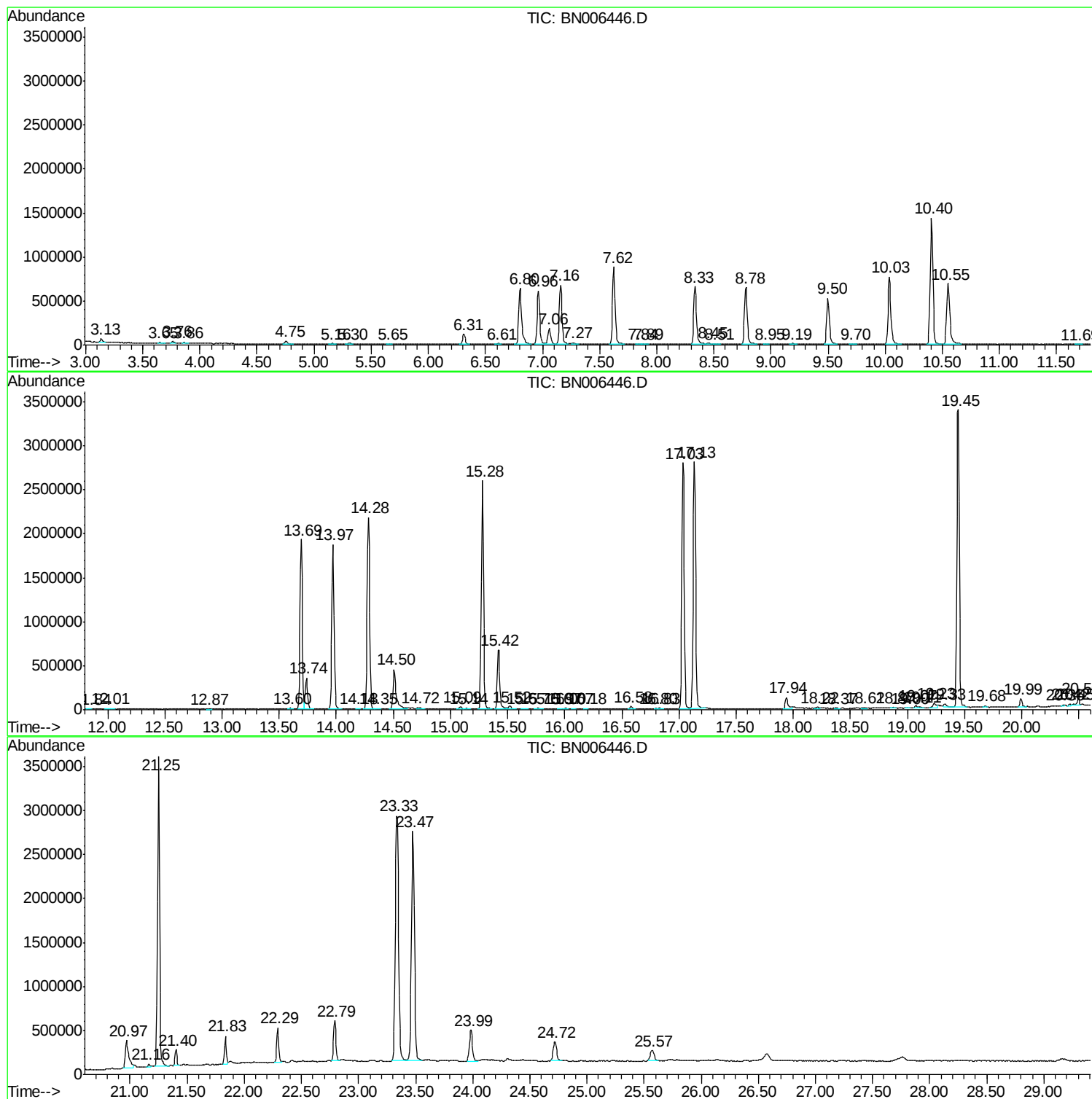
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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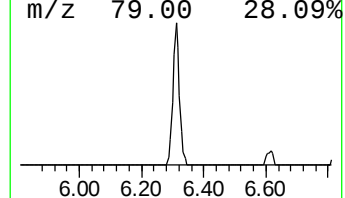
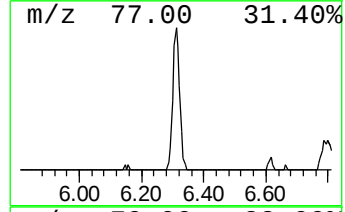
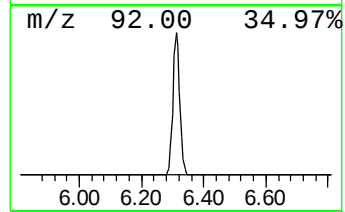
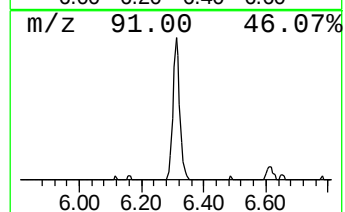
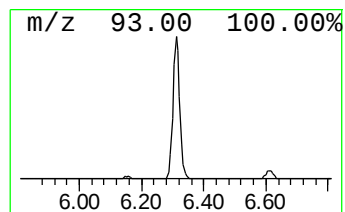
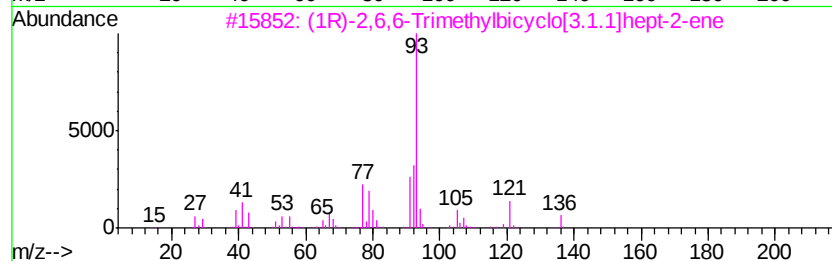
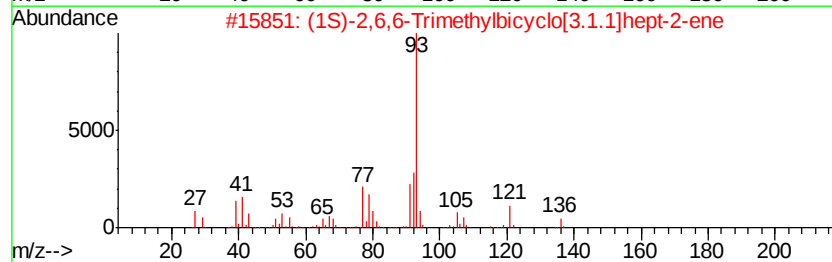
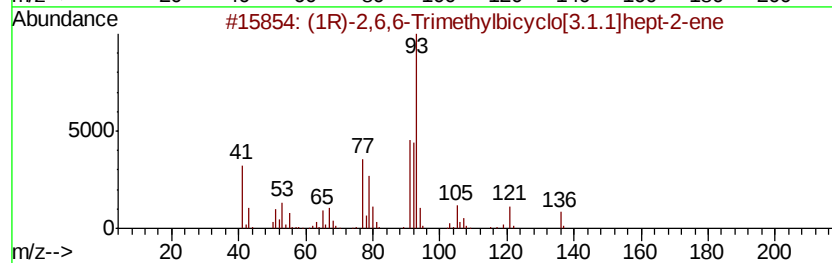
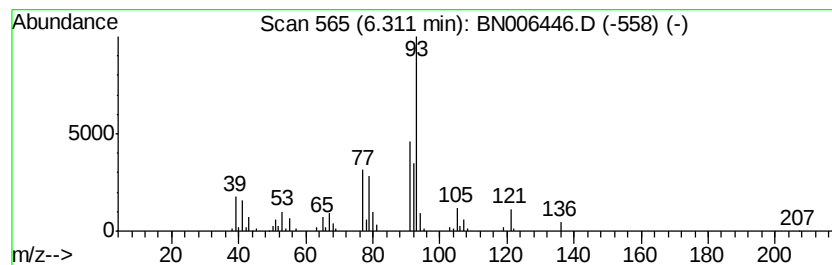
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.31	2.46 ng/ul	182257	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
2		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	95
3		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
4		.alpha.-Pinene	136	C10H16	000080-56-8	95
5		.alpha.-Pinene	136	C10H16	000080-56-8	94



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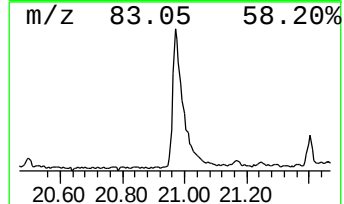
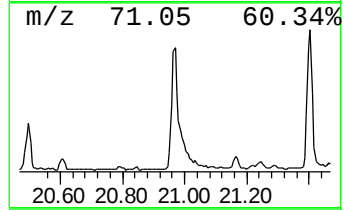
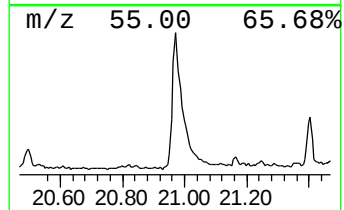
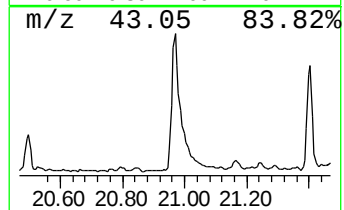
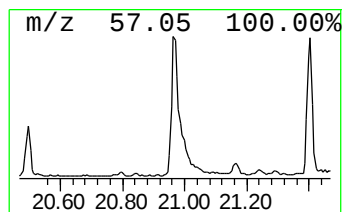
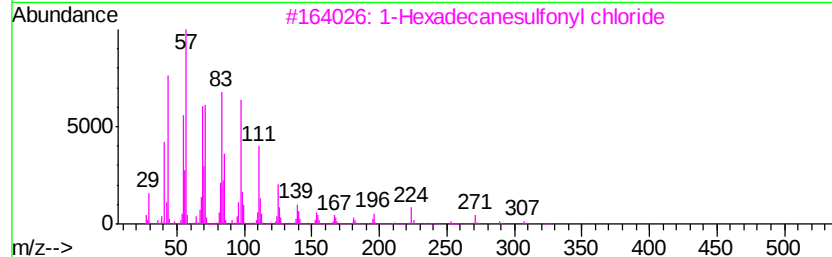
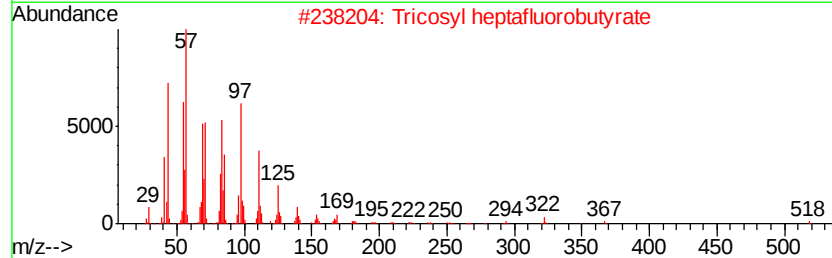
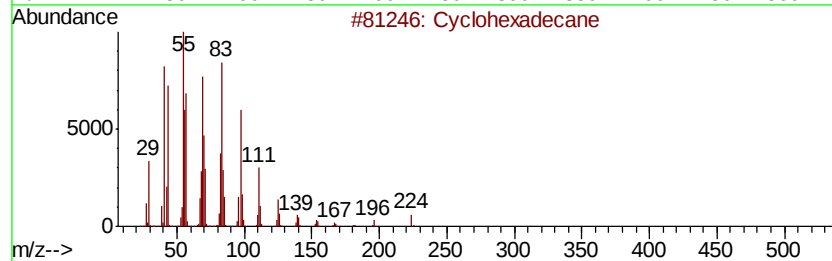
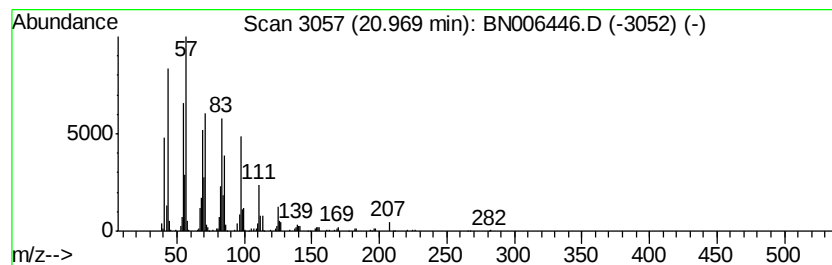
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.97 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.85 ng/ul	657493	Chrysene-d12	21.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 96
2		Tricosyl heptafluorobutyrte	536 C27H47F7O2	1000351-83-4 91
3		1-Hexadecanesulfonyl chloride	324 C16H33ClO2S	038775-38-1 91
4		17-Pentatriacontene	491 C35H70	006971-40-0 91
5		Eicosyl heptafluorobutyrate	494 C24H41F7O2	1000351-83-5 91



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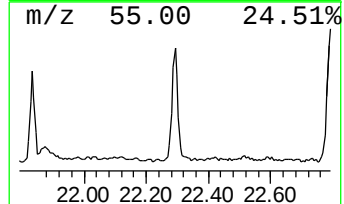
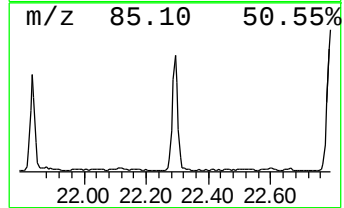
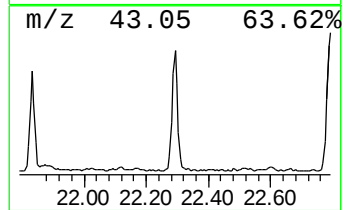
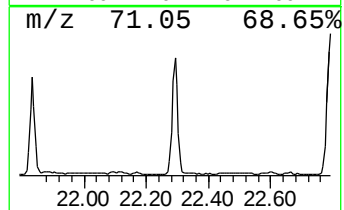
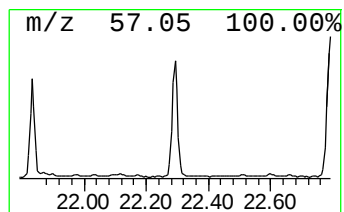
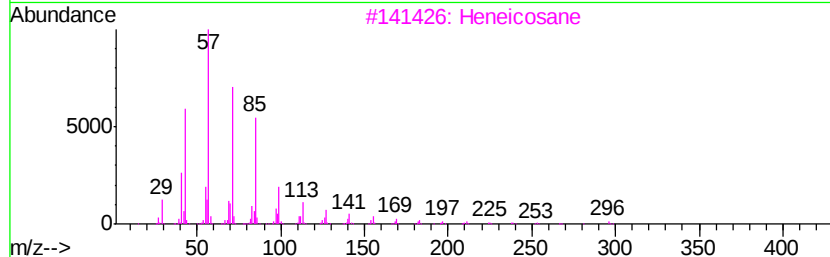
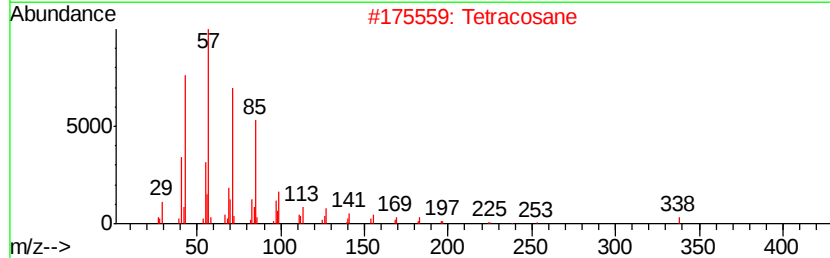
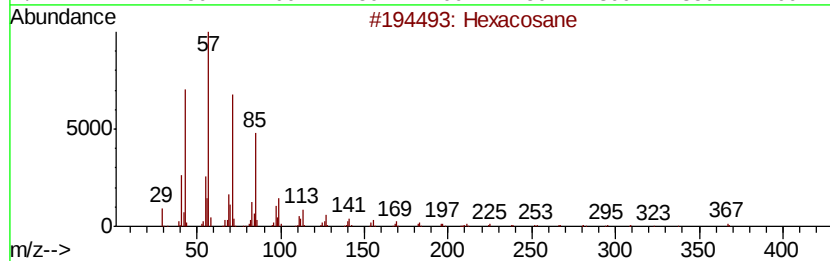
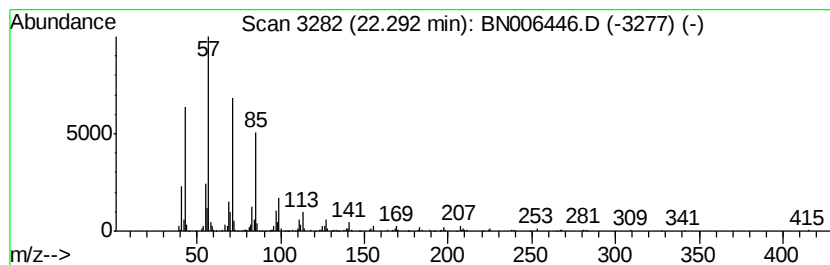
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.24 ng/ul	516413	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Docosane	310	C22H46	000629-97-0	91



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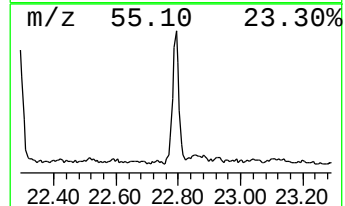
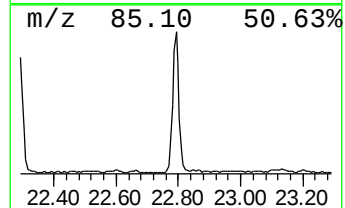
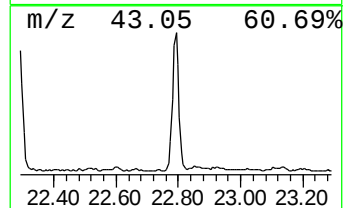
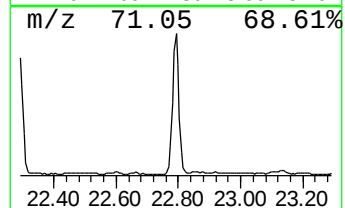
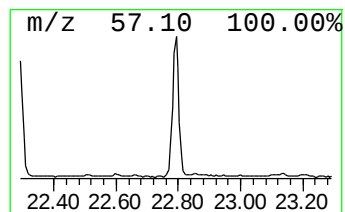
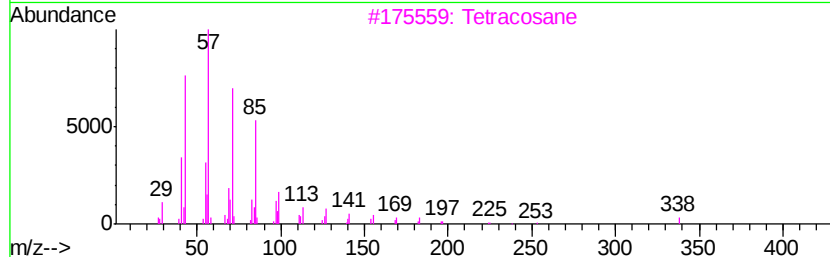
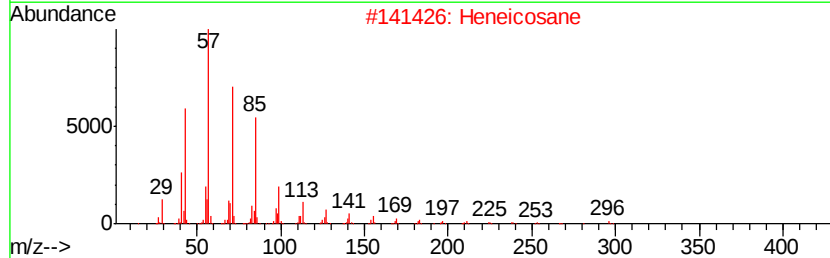
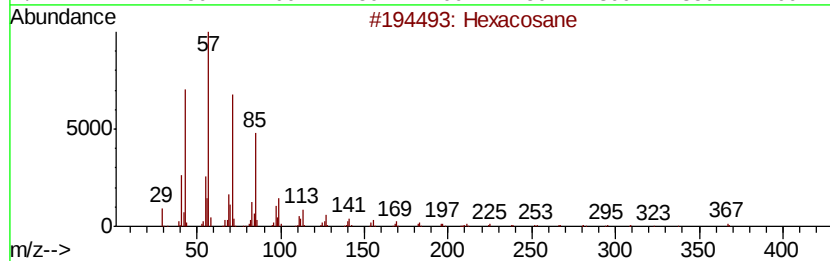
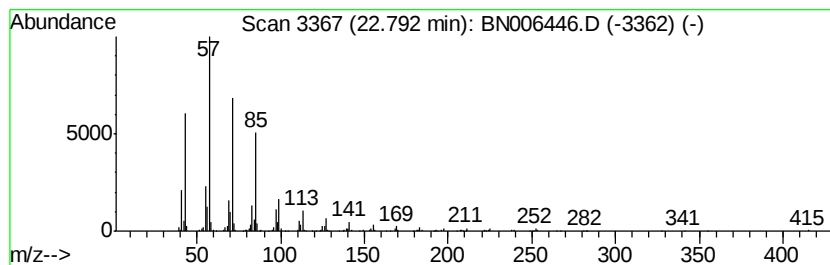
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	2.74 ng/ul	648221	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006446.D
Acq On : 21 Jun 2019 01:44
Operator : JU/SJ
Sample : K3360-10
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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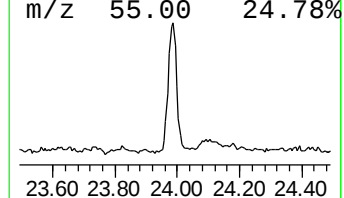
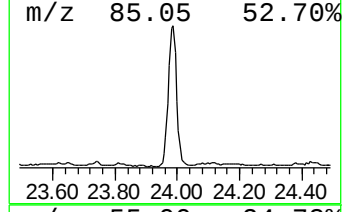
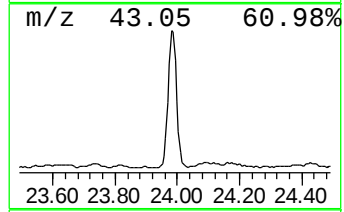
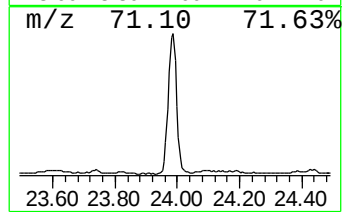
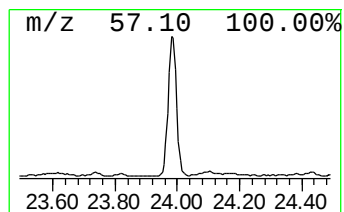
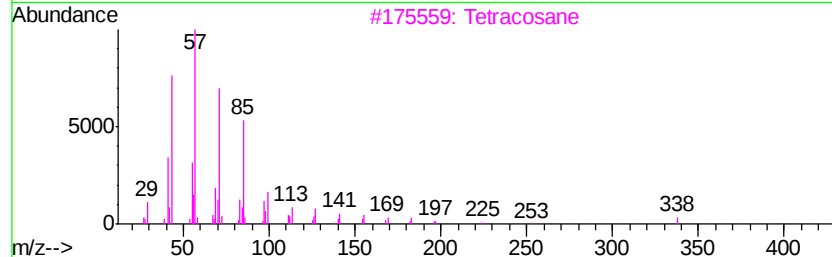
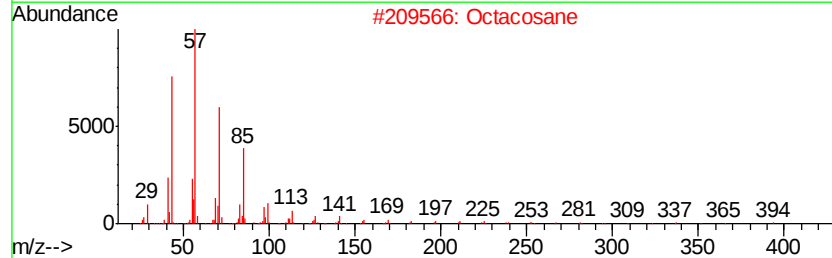
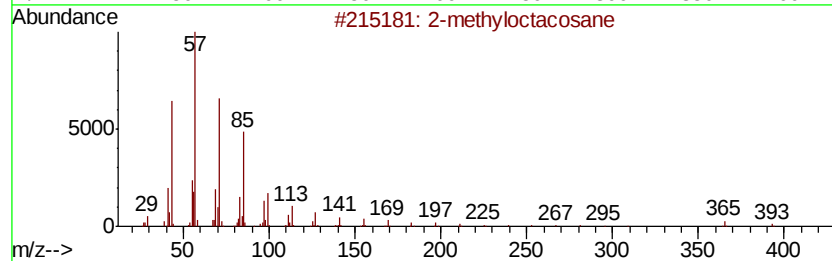
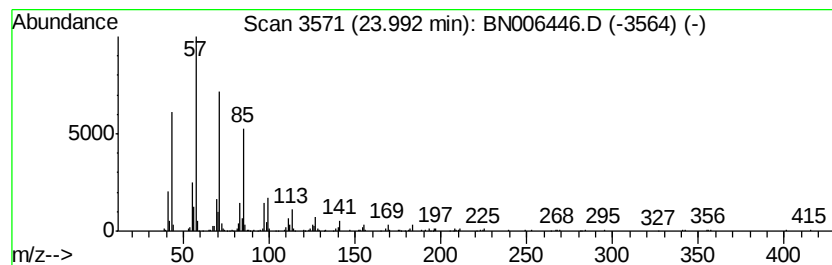
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.75 ng/ul	651135	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
Data File : BN006446.D
Acq On : 21 Jun 2019 01:44
Operator : JU/SJ
Sample : K3360-10
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41Z0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.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
(1R)-2,6,6-Trimet...	6.31	2.5	ng/ul	182257	1	7.62	1482620	20.0
(DEL) Alkane: Cyc...	20.97	2.9	ng/ul	657493	5	21.25	4612580	20.0
(DEL) Alkane: Str...	22.29	2.2	ng/ul	516413	5	21.25	4612580	20.0
(DEL) Alkane: Str...	22.79	2.7	ng/ul	648221	6	23.47	4733020	20.0
(DEL) Alkane: Str...	23.99	2.8	ng/ul	651135	6	23.47	4733020	20.0