

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029835.D
 Acq On : 05 May 2021 20:10
 Operator : CG/JU
 Sample : M2129-09
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0AC5

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\SFAM-EPA-BM050421.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	6.751	652	657	671	rVB	327856	638199	26.35%	2.669%
2	6.910	680	684	699	rVB	262833	470245	19.42%	1.966%
3	7.098	711	716	728	rVB	369293	635452	26.24%	2.657%
4	7.563	790	795	807	rVB	294601	491696	20.30%	2.056%
5	8.281	911	917	931	rBV	376174	684604	28.27%	2.863%
6	8.722	986	992	1007	rBV	305213	545199	22.51%	2.280%
7	9.439	1108	1114	1124	rBV	216661	389445	16.08%	1.629%
8	9.751	1165	1167	1169	rBV	3947	2634	0.11%	0.011%
9	9.975	1198	1205	1221	rBV	337919	673854	27.83%	2.818%
10	10.339	1260	1267	1278	rBV	403483	681086	28.12%	2.848%
11	10.492	1286	1293	1313	rBV	275383	621878	25.68%	2.601%
12	11.163	1403	1407	1408	rBV3	2531	2578	0.11%	0.011%
13	11.951	1536	1541	1546	rVB6	4913	9194	0.38%	0.038%
14	12.121	1565	1570	1578	rBV5	14047	32035	1.32%	0.134%
15	12.380	1609	1614	1620	rVB5	5389	10454	0.43%	0.044%
16	12.557	1640	1644	1647	rBV5	2633	3306	0.14%	0.014%
17	12.668	1658	1663	1665	rBV5	3155	5392	0.22%	0.023%
18	12.816	1682	1688	1691	rBV5	2866	4978	0.21%	0.021%
19	13.039	1720	1726	1732	rBV6	4908	8135	0.34%	0.034%
20	13.115	1732	1739	1748	rBV2	93405	161748	6.68%	0.676%
21	13.180	1748	1750	1753	rVB4	3052	3084	0.13%	0.013%
22	13.292	1765	1769	1770	rBV3	3471	3818	0.16%	0.016%
23	13.627	1820	1826	1832	rBV	698332	1004631	41.48%	4.201%
24	13.680	1832	1835	1842	rVB	56626	84099	3.47%	0.352%
25	13.904	1866	1873	1885	rBV	866675	1312214	54.18%	5.487%
26	14.121	1905	1910	1914	rVB3	5456	8180	0.34%	0.034%
27	14.210	1919	1925	1935	rVV	608307	883499	36.48%	3.695%
28	14.274	1935	1936	1944	rVB5	4240	5953	0.25%	0.025%
29	14.457	1961	1967	1980	rBV2	50815	182159	7.52%	0.762%
30	14.880	2036	2039	2044	rVB5	9106	12233	0.51%	0.051%
31	14.974	2052	2055	2059	rBV5	4625	5873	0.24%	0.025%
32	15.021	2061	2063	2068	rVV5	2788	2901	0.12%	0.012%
33	15.080	2070	2073	2077	rVB4	5371	8549	0.35%	0.036%
34	15.209	2088	2095	2106	rBV	1073962	1565158	64.63%	6.545%

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35	15.345	2113	2118	2131	rBV	155885	248171	10.25%	1.038%
36	15.451	2131	2136	2149	rVB9	15376	31587	1.30%	0.132%
37	15.586	2155	2159	2165	rVB7	3646	5578	0.23%	0.023%
38	15.733	2181	2184	2189	rBV7	6118	7678	0.32%	0.032%
39	15.780	2189	2192	2197	rVB7	2676	3582	0.15%	0.015%
40	15.845	2199	2203	2206	rBV4	3303	5169	0.21%	0.022%
41	15.892	2208	2211	2214	rBV4	3752	4122	0.17%	0.017%
42	15.945	2214	2220	2225	rBV7	8676	23152	0.96%	0.097%
43	15.998	2227	2229	2235	rVV4	8093	10809	0.45%	0.045%
44	16.051	2235	2238	2243	rVB6	5865	7814	0.32%	0.033%
45	16.115	2243	2249	2253	rVB6	5549	11705	0.48%	0.049%
46	16.162	2253	2257	2260	rBV4	3033	4027	0.17%	0.017%
47	16.198	2260	2263	2269	rBV	11270	13611	0.56%	0.057%
48	16.251	2269	2272	2278	rBV7	2355	3611	0.15%	0.015%
49	16.345	2287	2288	2294	rVB5	3463	4123	0.17%	0.017%
50	16.415	2294	2300	2301	rBV5	5155	8751	0.36%	0.037%
51	16.462	2306	2308	2311	rVV3	3167	2755	0.11%	0.012%
52	16.703	2345	2349	2352	rVV3	7278	10824	0.45%	0.045%
53	16.739	2352	2355	2360	rVV5	8117	12750	0.53%	0.053%
54	16.774	2360	2361	2366	rVB4	3976	5442	0.22%	0.023%
55	16.898	2379	2382	2386	rVB6	2017	3327	0.14%	0.014%
56	16.956	2386	2392	2400	rBV	700855	992981	41.00%	4.152%
57	17.056	2403	2409	2425	rVV	1086456	1644703	67.91%	6.878%
58	17.162	2425	2427	2431	rVV5	6049	7306	0.30%	0.031%
59	17.192	2431	2432	2438	rVB5	3040	4329	0.18%	0.018%
60	17.339	2452	2457	2458	rBV5	1850	3376	0.14%	0.014%
61	17.562	2493	2495	2498	rVB3	3056	2825	0.12%	0.012%
62	17.609	2498	2503	2507	rBV5	7168	11231	0.46%	0.047%
63	17.750	2521	2527	2531	rBV8	6357	9667	0.40%	0.040%
64	17.815	2535	2538	2541	rBV5	3875	5710	0.24%	0.024%
65	17.868	2543	2547	2554	rBV2	50153	86449	3.57%	0.362%
66	18.362	2626	2631	2632	rBV4	7820	10982	0.45%	0.046%
67	18.462	2644	2648	2652	rBV4	11855	17957	0.74%	0.075%
68	18.580	2665	2668	2670	rBV4	2768	3883	0.16%	0.016%
69	18.621	2672	2675	2681	rVB	28695	37914	1.57%	0.159%
70	18.768	2697	2700	2701	rBV3	3572	3062	0.13%	0.013%
71	18.992	2729	2738	2741	rBV	14932	29889	1.23%	0.125%

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72	19.092	2751	2755	2760	rBV2	18880	24123	1.00%	0.101%
73	19.150	2762	2765	2770	rBV5	15711	24860	1.03%	0.104%
74	19.215	2774	2776	2778	rVV3	7662	8571	0.35%	0.036%
75	19.239	2778	2780	2784	rVB3	10445	13393	0.55%	0.056%
76	19.350	2790	2799	2809	rBV	1483243	2033098	83.95%	8.502%
77	20.874	3053	3058	3066	rBV2	174724	341395	14.10%	1.428%
78	21.144	3099	3104	3114	rBV	852303	1186183	48.98%	4.960%
79	22.656	3358	3361	3366	rVB	125827	166552	6.88%	0.696%
80	23.168	3441	3448	3462	rVV2	1222137	2421732	100.00%	10.127%
81	23.303	3465	3471	3481	rVB2	728895	1353435	55.89%	5.660%
82	23.815	3554	3558	3567	rVB	179271	322186	13.30%	1.347%
83	29.303	4483	4491	4505	rVB4	409621	1562259	64.51%	6.533%

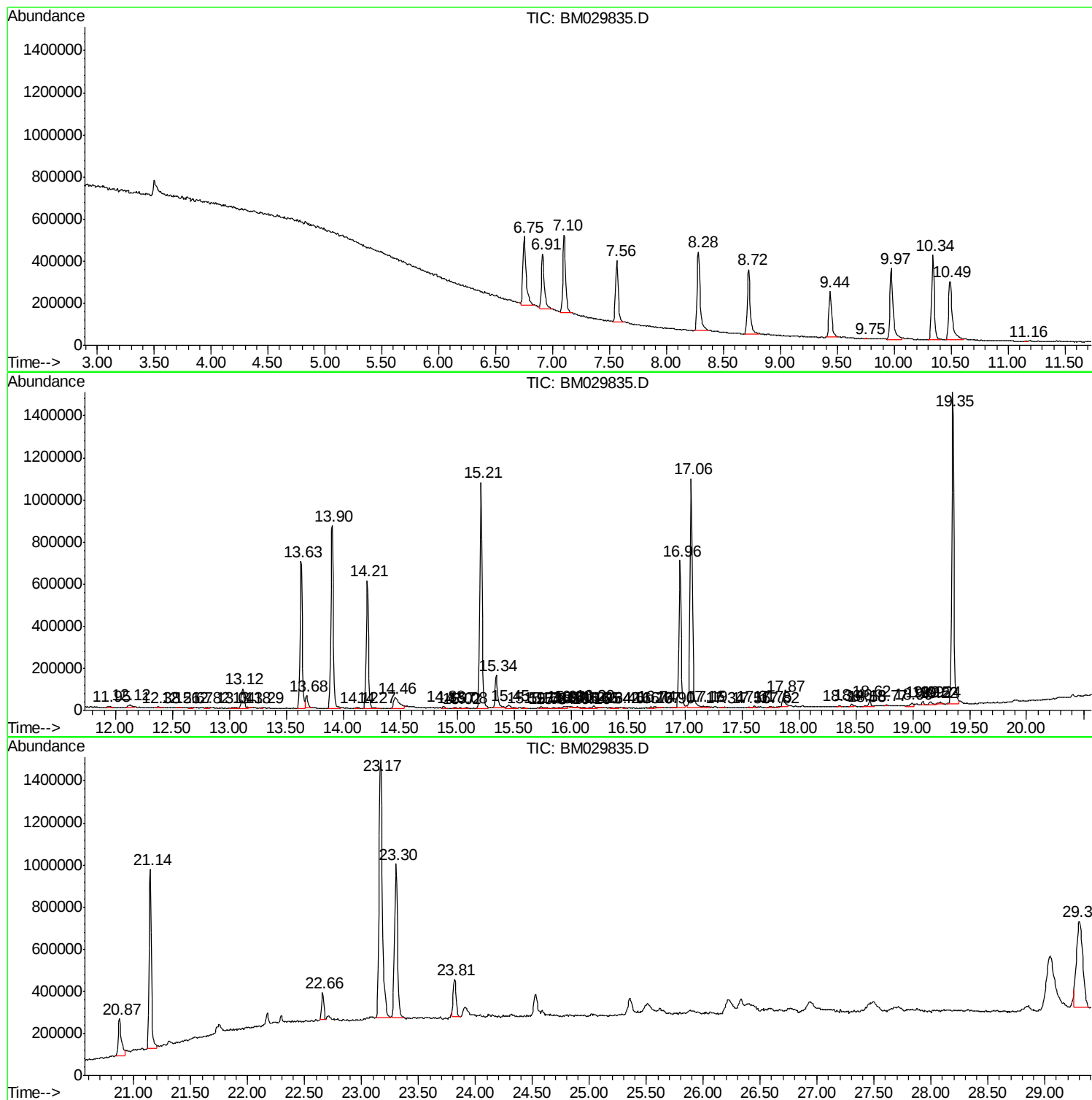
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

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



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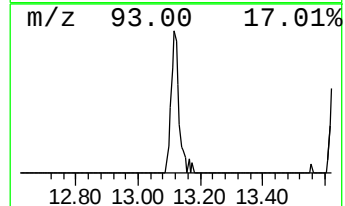
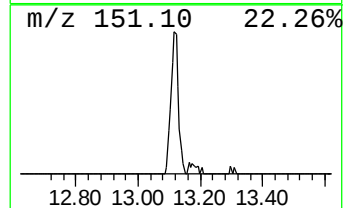
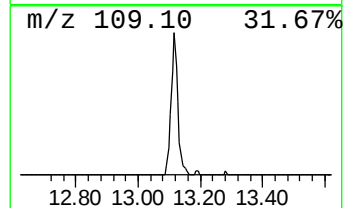
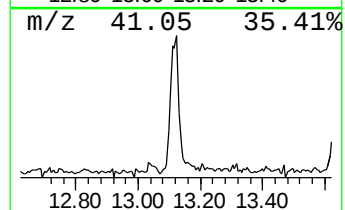
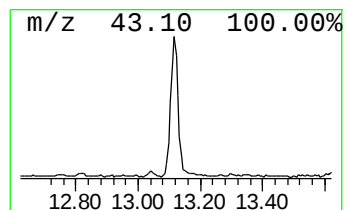
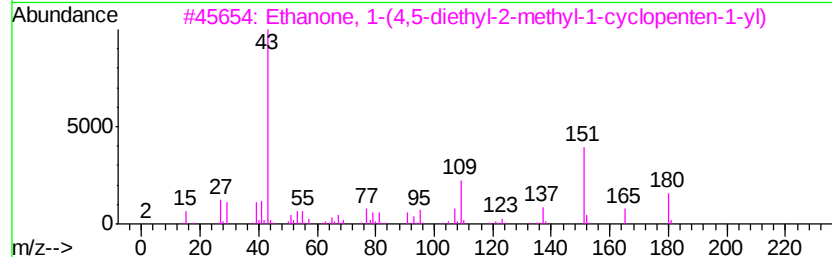
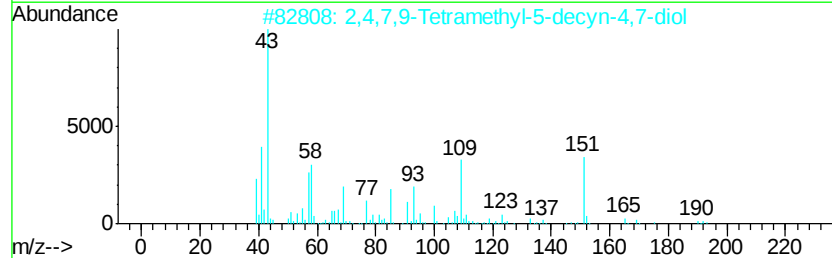
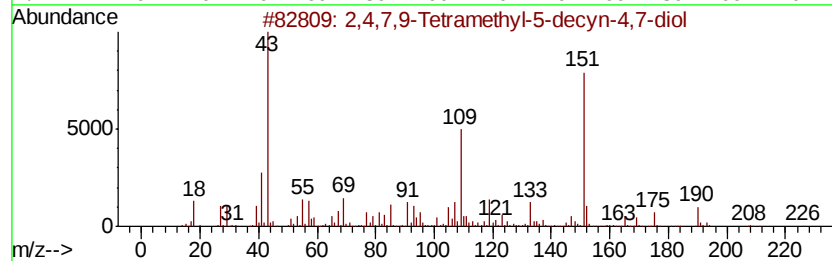
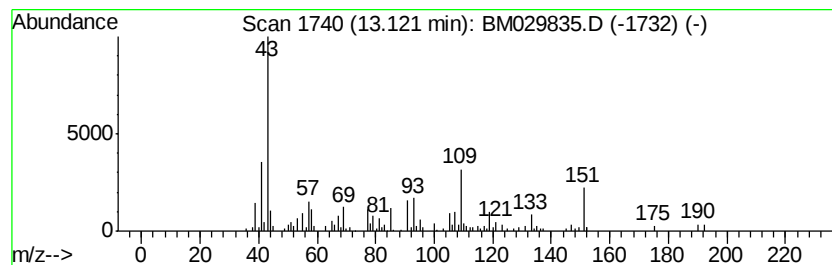
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	3.66 ng/ul	161748	Acenaphthene-d10	14.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	72		
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	50		
3	Ethanone, 1-(4,5-diethyl-2-methyl...	180	C12H20O	062338-24-3	38		
4	5,9-Undecadien-2-one, 6,10-dimet...	194	C13H22O	003879-26-3	32		
5	7,7a-Dimethyl-3a,4,5,7a-tetrahyd...	166	C10H14O2	1000186-11-2	27		



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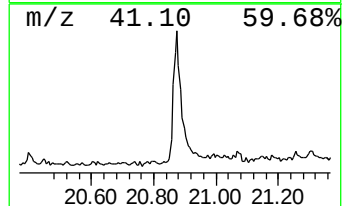
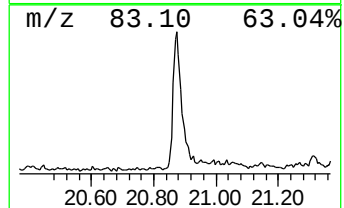
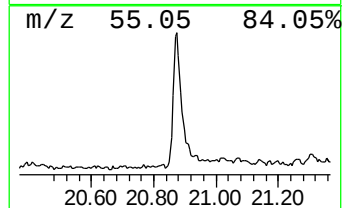
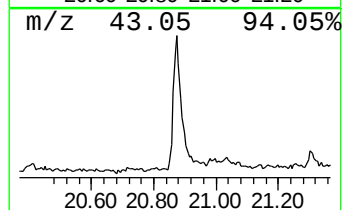
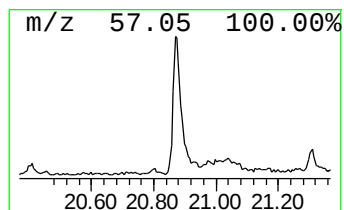
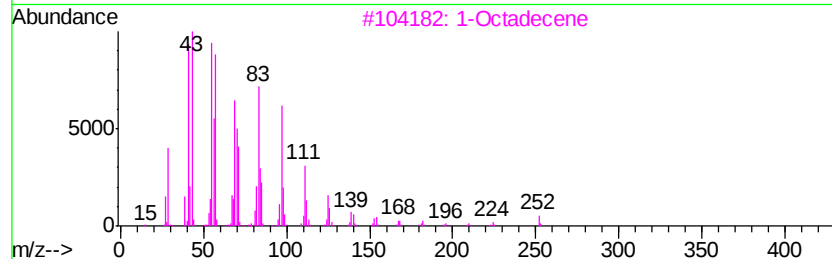
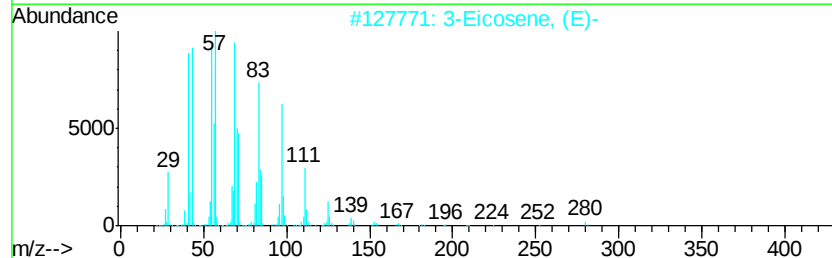
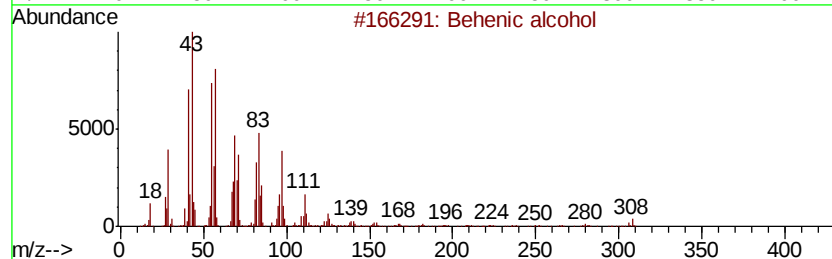
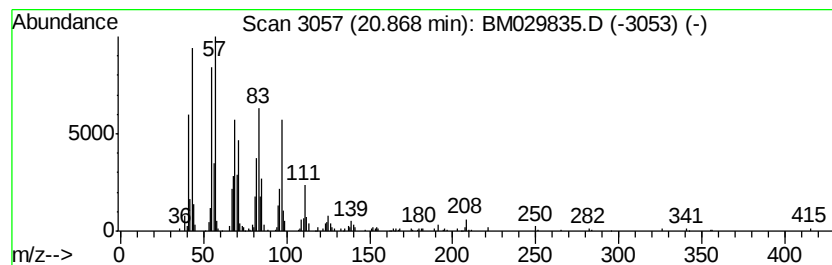
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	5.76 ng/ul	341395	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenic alcohol	326	C22H46O	000661-19-8	95
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	93
3		1-Octadecene	252	C18H36	000112-88-9	93
4		5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5		1-Hexacosanol	382	C26H54O	000506-52-5	90



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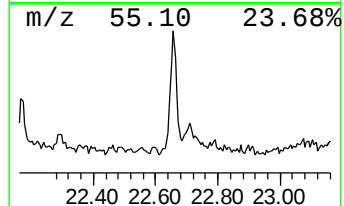
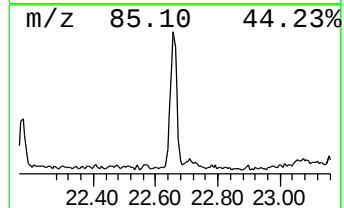
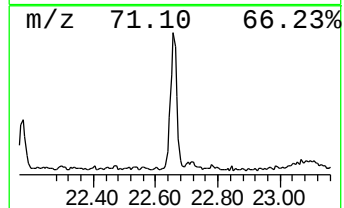
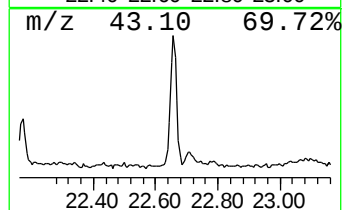
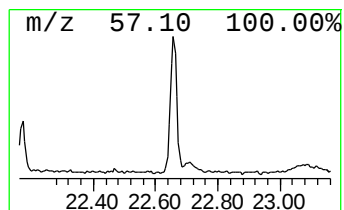
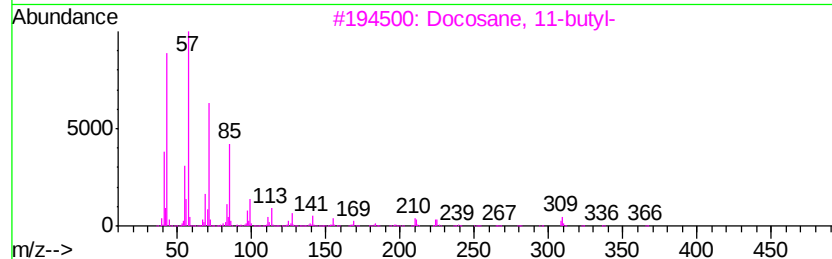
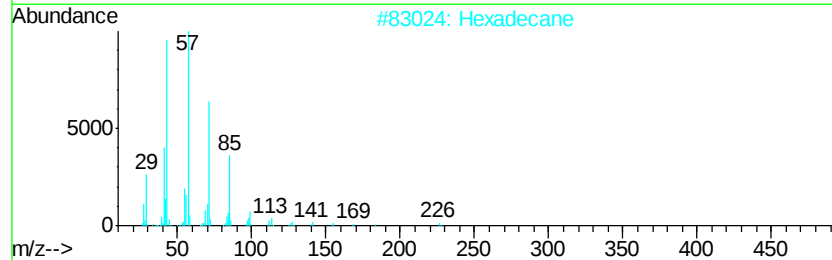
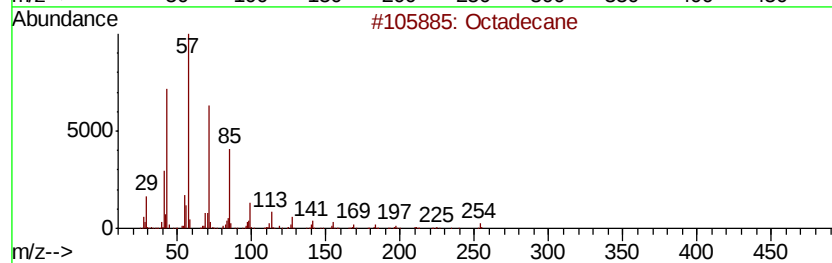
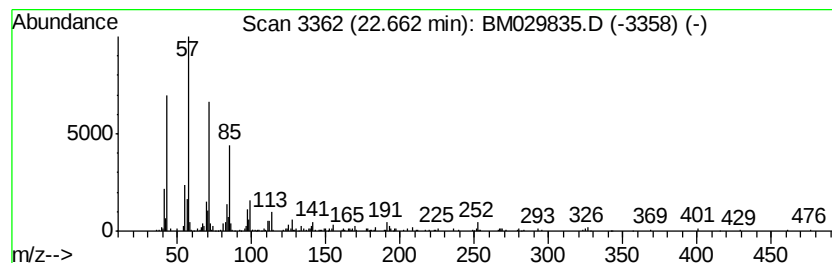
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	2.46 ng/ul	166552	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Hexadecane	226	C16H34	000544-76-3	90
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4		Octadecane	254	C18H38	000593-45-3	90
5		Tetracosane	338	C24H50	000646-31-1	90



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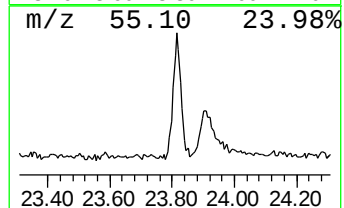
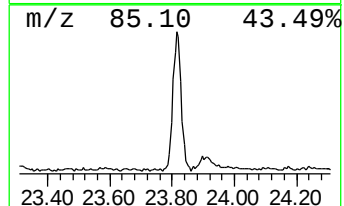
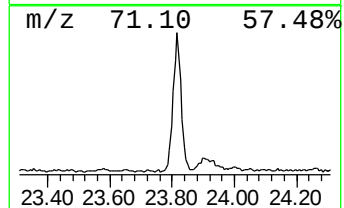
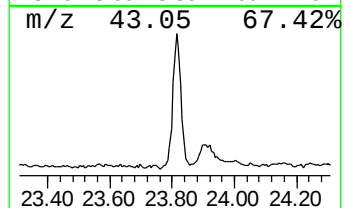
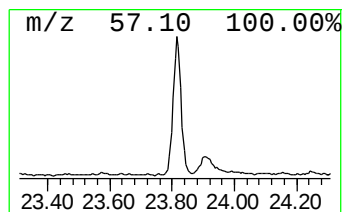
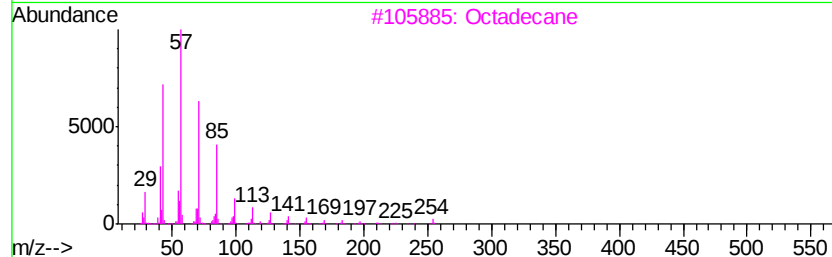
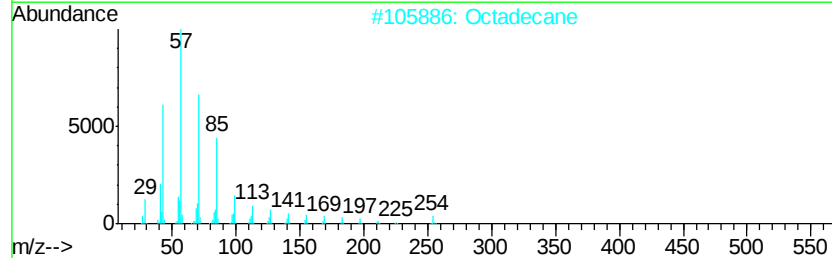
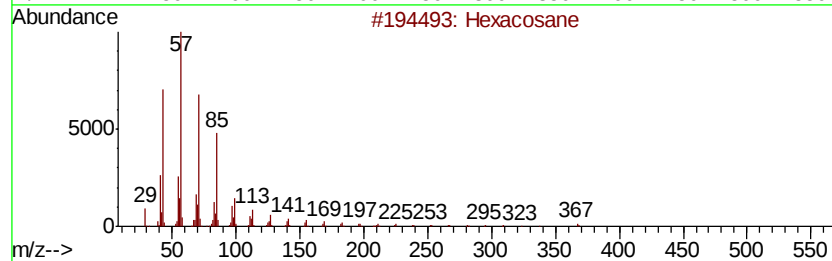
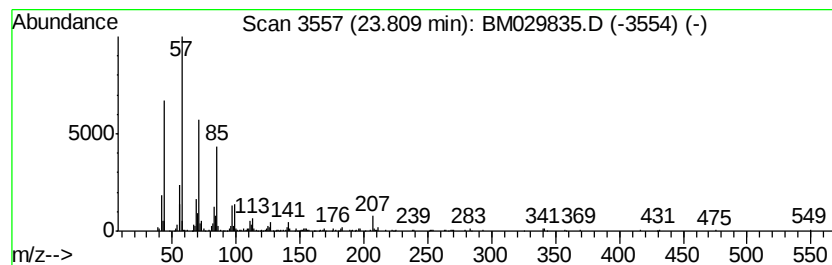
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Quant Title : SVOA CALIBRATION

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.
23.81	4.76 ng/ul	322186	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Octadecane	254	C18H38	000593-45-3	91
3		Octadecane	254	C18H38	000593-45-3	90
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029835.D
Acq On : 05 May 2021 20:10
Operator : CG/JU
Sample : M2129-09
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0AC5

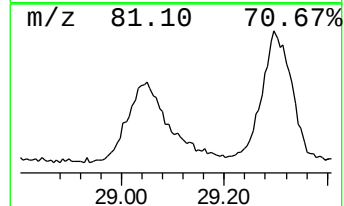
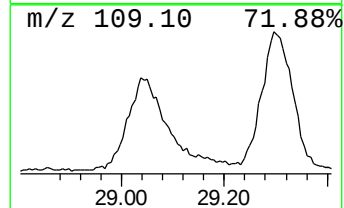
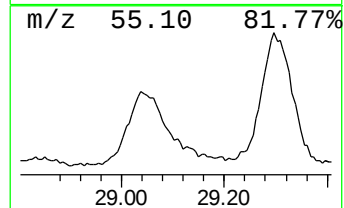
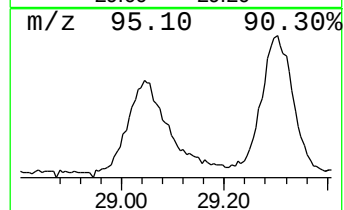
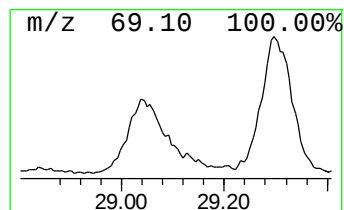
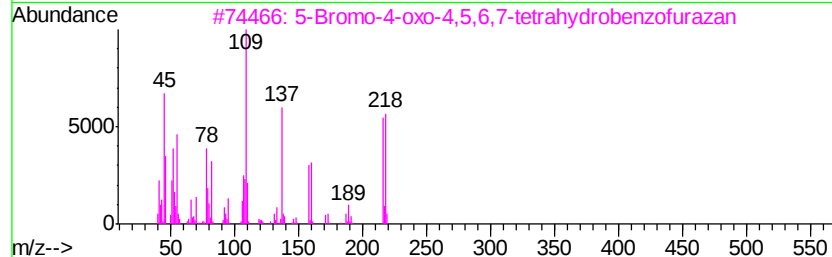
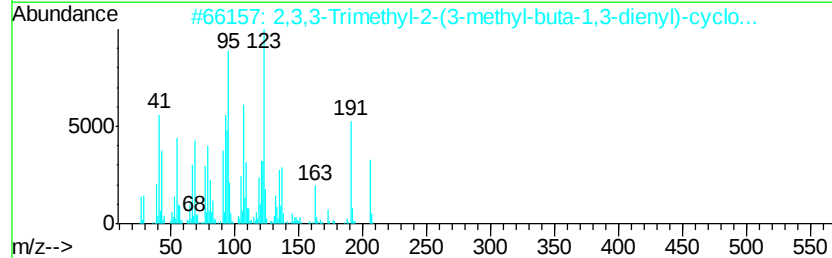
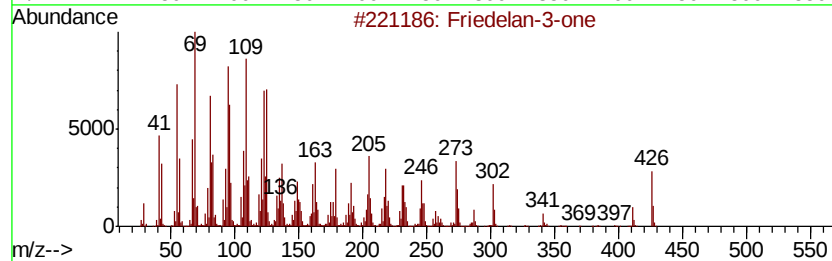
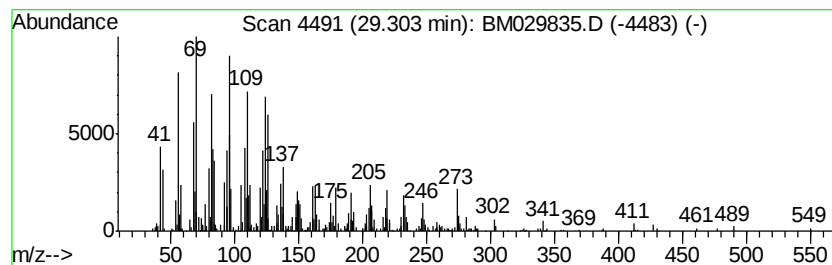
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Friedelan-3-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.30	23.09 ng/ul	1562260	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Friedelan-3-one	426	C30H50O	000559-74-0	90
2		2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	64
3		5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
4		Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	50
5		2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050421\
Data File : BM029835.D
Acq On : 05 May 2021 20:10
Operator : CG/JU
Sample : M2129-09
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0AC5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.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
2,4,7,9-Tetrameth...	13.12	3.7	ng/ul	161748	3	14.21	883499	20.0
Behenic alcohol	20.87	5.8	ng/ul	341395	5	21.14	1186180	20.0
(DEL) Alkane: Str...	22.66	2.5	ng/ul	166552	6	23.30	1353440	20.0
(DEL) Alkane: Str...	23.81	4.8	ng/ul	322186	6	23.30	1353440	20.0
Friedelan-3-one	29.30	23.1	ng/ul	1562260	6	23.30	1353440	20.0