

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029806.D
 Acq On : 05 May 2021 01:52
 Operator : CG/JU
 Sample : M2121-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG502

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	3.552	110	113	115	rBV4	19854	29723	1.43%	0.125%
2	3.705	135	139	150	rVB	33938	61248	2.95%	0.258%
3	6.699	645	648	649	rBV2	3169	2417	0.12%	0.010%
4	6.757	652	658	678	rVV2	201223	512078	24.64%	2.157%
5	6.916	680	685	702	rVB	172548	324531	15.61%	1.367%
6	7.104	711	717	728	rBV	253277	444816	21.40%	1.873%
7	7.569	789	796	807	rBV	430066	733580	35.29%	3.090%
8	7.787	829	833	834	rBV4	2280	2615	0.13%	0.011%
9	8.081	880	883	885	rBV3	3038	2232	0.11%	0.009%
10	8.287	912	918	935	rBV	238309	493655	23.75%	2.079%
11	8.404	935	938	949	rVB3	13415	30350	1.46%	0.128%
12	8.722	986	992	1012	rBV	204423	411240	19.79%	1.732%
13	9.140	1059	1063	1068	rVB3	5596	9317	0.45%	0.039%
14	9.440	1108	1114	1127	rBV	164988	326472	15.71%	1.375%
15	9.587	1137	1139	1143	rBV4	1836	2611	0.13%	0.011%
16	9.622	1143	1145	1150	rVB4	2916	2639	0.13%	0.011%
17	9.981	1200	1206	1225	rBV	191632	459318	22.10%	1.934%
18	10.345	1261	1268	1279	rBV	599602	1047340	50.39%	4.411%
19	10.498	1288	1294	1311	rBV	104698	318947	15.35%	1.343%
20	11.957	1540	1542	1545	rBV3	2490	2436	0.12%	0.010%
21	12.116	1565	1569	1573	rBV5	2218	3501	0.17%	0.015%
22	12.416	1618	1620	1625	rBV3	1427	2084	0.10%	0.009%
23	12.828	1684	1690	1694	rBV6	2928	3914	0.19%	0.016%
24	13.045	1723	1727	1731	rBV6	4401	7492	0.36%	0.032%
25	13.122	1733	1740	1749	rBV	241688	392098	18.86%	1.651%
26	13.180	1749	1750	1753	rVB3	3353	3266	0.16%	0.014%
27	13.633	1821	1827	1831	rBV	536912	753966	36.28%	3.175%
28	13.680	1831	1835	1845	rVV	188545	304320	14.64%	1.282%
29	13.751	1845	1847	1851	rVB5	3302	3968	0.19%	0.017%
30	13.904	1863	1873	1887	rBV	626869	991793	47.72%	4.177%
31	14.127	1908	1911	1915	rVB6	3064	3713	0.18%	0.016%
32	14.216	1919	1926	1934	rBV	903465	1339283	64.44%	5.640%
33	14.410	1955	1959	1960	rVB4	1687	2128	0.10%	0.009%
34	14.469	1964	1969	1974	rBV4	29908	71456	3.44%	0.301%

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35	14.663	2000	2002	2008	rVB7	6360	9515	0.46%	0.040%
36	14.745	2013	2016	2020	rVB6	3759	5690	0.27%	0.024%
37	14.857	2031	2035	2039	rVB7	3057	5824	0.28%	0.025%
38	15.027	2061	2064	2065	rVV	6707	6721	0.32%	0.028%
39	15.051	2065	2068	2071	rVV2	9532	14435	0.69%	0.061%
40	15.080	2071	2073	2077	rVV5	4611	6599	0.32%	0.028%
41	15.121	2079	2080	2084	rVV4	3341	3431	0.17%	0.014%
42	15.210	2089	2095	2112	rVV	772732	1185471	57.04%	4.993%
43	15.351	2113	2119	2134	rVV2	185666	365191	17.57%	1.538%
44	15.457	2134	2137	2146	rVB4	12768	21963	1.06%	0.092%
45	15.598	2157	2161	2165	rVB5	2478	4143	0.20%	0.017%
46	15.786	2187	2193	2201	rBV8	7581	22075	1.06%	0.093%
47	15.904	2210	2213	2214	rVV3	3424	3416	0.16%	0.014%
48	15.951	2214	2221	2227	rVV10	5203	14483	0.70%	0.061%
49	15.998	2227	2229	2235	rVB6	6021	9692	0.47%	0.041%
50	16.116	2246	2249	2252	rBV4	3360	4179	0.20%	0.018%
51	16.204	2258	2264	2269	rBV7	7380	13433	0.65%	0.057%
52	16.463	2304	2308	2313	rVB8	1561	2676	0.13%	0.011%
53	16.645	2336	2339	2343	rVB5	3245	4398	0.21%	0.019%
54	16.686	2343	2346	2347	rBV2	2362	2738	0.13%	0.012%
55	16.704	2347	2349	2352	rBV4	3068	3974	0.19%	0.017%
56	16.745	2352	2356	2361	rVB5	3910	7985	0.38%	0.034%
57	16.892	2377	2381	2383	rBV4	2906	3239	0.16%	0.014%
58	16.963	2386	2393	2403	rVV	1017899	1512215	72.76%	6.369%
59	17.057	2403	2409	2425	rVV2	764013	1235612	59.45%	5.204%
60	17.180	2425	2430	2437	rVV9	13826	35249	1.70%	0.148%
61	17.263	2441	2444	2446	rVV4	5689	7491	0.36%	0.032%
62	17.286	2446	2448	2450	rVB3	4465	3615	0.17%	0.015%
63	17.368	2458	2462	2470	rBV10	5928	7981	0.38%	0.034%
64	17.474	2478	2480	2483	rVB2	5128	3041	0.15%	0.013%
65	17.521	2486	2488	2492	rBV5	2905	3015	0.15%	0.013%
66	17.651	2505	2510	2513	rBV6	3423	5344	0.26%	0.023%
67	17.868	2542	2547	2557	rBV	71120	129062	6.21%	0.544%
68	17.933	2557	2558	2562	rVB4	6511	7270	0.35%	0.031%
69	18.162	2595	2597	2600	rVB3	3885	3347	0.16%	0.014%
70	18.362	2627	2631	2634	rBV6	3647	5612	0.27%	0.024%
71	18.427	2639	2642	2645	rBV4	2504	4151	0.20%	0.017%

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72	18.604	2669	2672	2673	rBV3	3043	3197	0.15%	0.013%
73	18.627	2673	2676	2682	rVV4	9283	14623	0.70%	0.062%
74	18.674	2682	2684	2687	rVV4	5022	5497	0.26%	0.023%
75	18.739	2690	2695	2703	rVV5	32753	75060	3.61%	0.316%
76	18.804	2703	2706	2713	rVB5	13607	20943	1.01%	0.088%
77	18.998	2735	2739	2742	rBV3	7838	12485	0.60%	0.053%
78	19.057	2744	2749	2753	rVB	33017	47122	2.27%	0.198%
79	19.157	2762	2766	2771	rBV3	31583	50739	2.44%	0.214%
80	19.357	2794	2800	2808	rBV	1033625	1478914	71.15%	6.229%
81	19.557	2831	2834	2840	rBV6	19983	27381	1.32%	0.115%
82	19.915	2892	2895	2901	rVB	39860	48928	2.35%	0.206%
83	20.586	3005	3009	3013	rBV	129736	136578	6.57%	0.575%
84	20.798	3042	3045	3052	rVB8	28371	41376	1.99%	0.174%
85	20.874	3054	3058	3068	rBV	295709	523699	25.20%	2.206%
86	20.998	3076	3079	3084	rBV4	47177	71972	3.46%	0.303%
87	21.109	3094	3098	3100	rBV	220516	266727	12.83%	1.123%
88	21.145	3100	3104	3116	rVB	1401204	1809521	87.06%	7.621%
89	21.486	3158	3162	3165	rBV2	227623	259590	12.49%	1.093%
90	21.756	3200	3208	3217	rBV3	157102	454136	21.85%	1.913%
91	22.174	3276	3279	3283	rBV3	81670	97340	4.68%	0.410%
92	22.392	3313	3316	3322	rVB4	118403	159594	7.68%	0.672%
93	22.662	3358	3362	3366	rVB	158746	205447	9.88%	0.865%
94	23.168	3442	3448	3461	rVV2	845564	1790385	86.14%	7.540%
95	23.309	3465	3472	3487	rVB2	1031320	2078451	100.00%	8.754%
96	23.821	3555	3559	3569	rVB	160876	279603	13.45%	1.178%

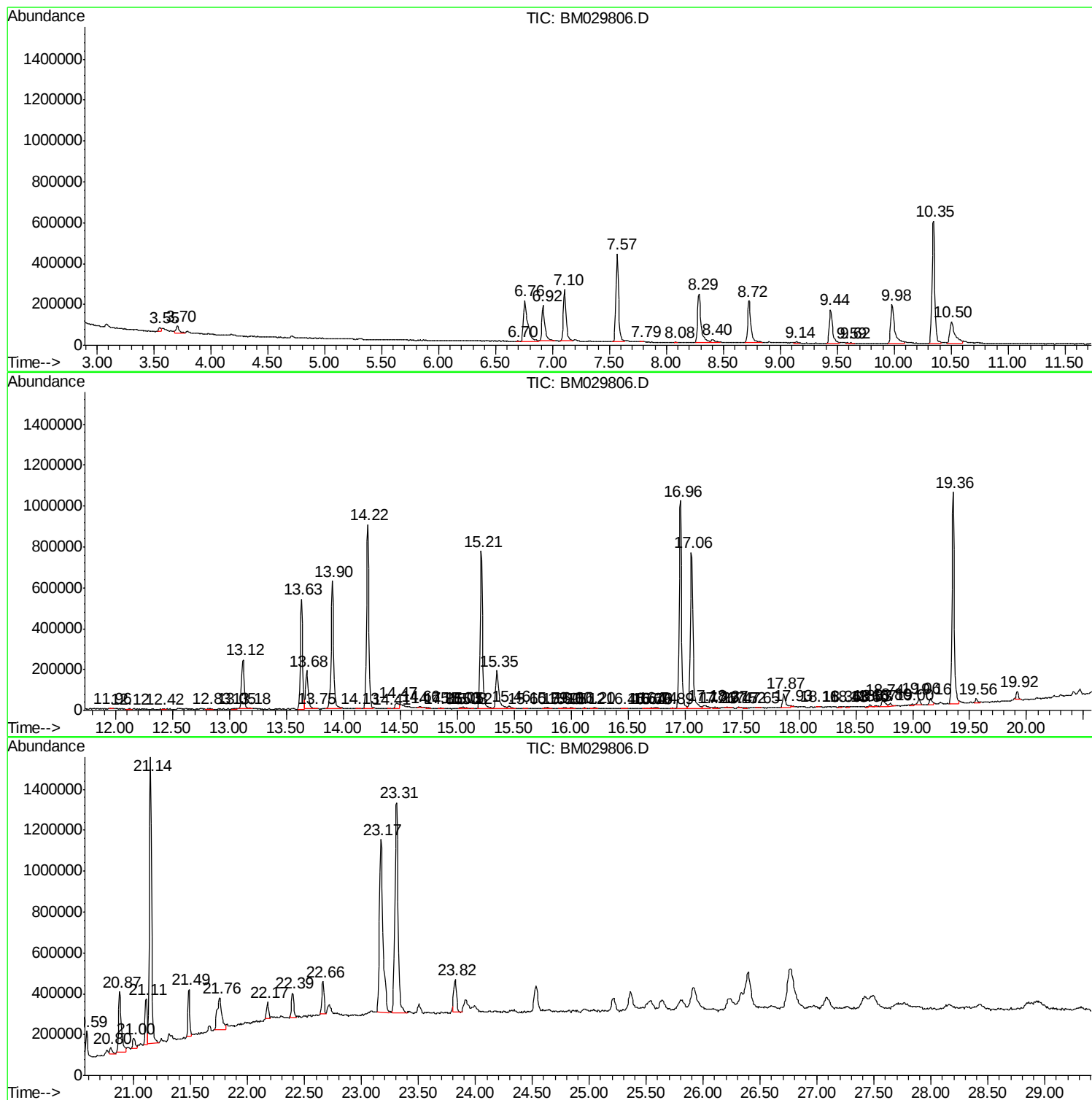
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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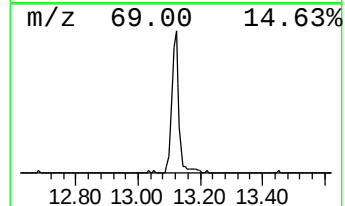
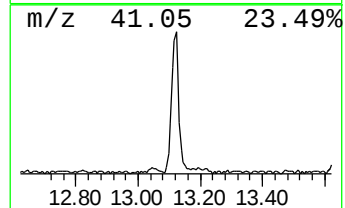
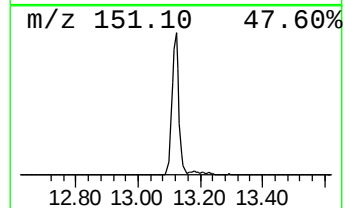
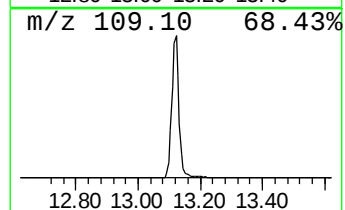
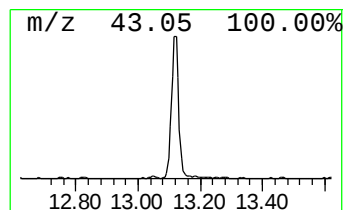
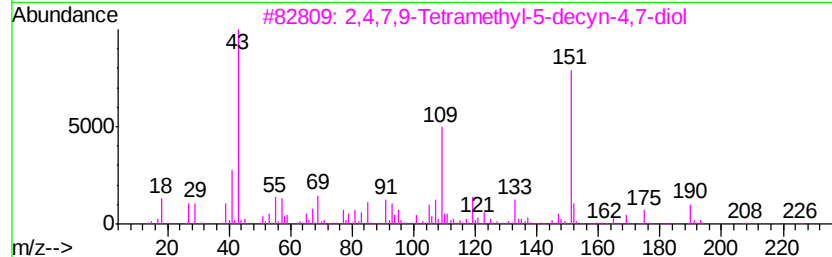
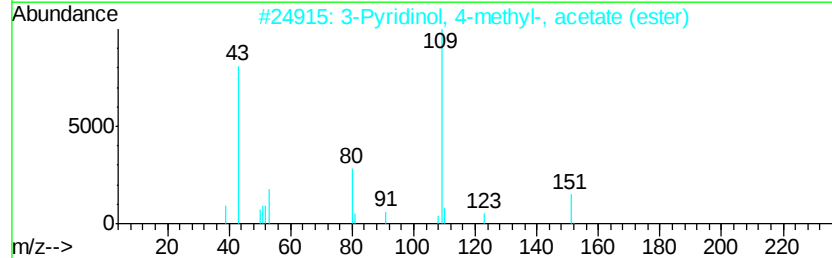
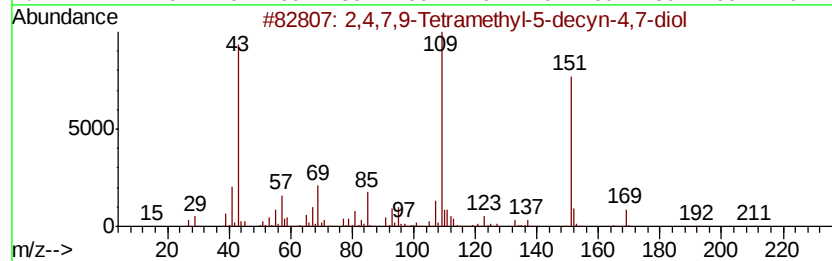
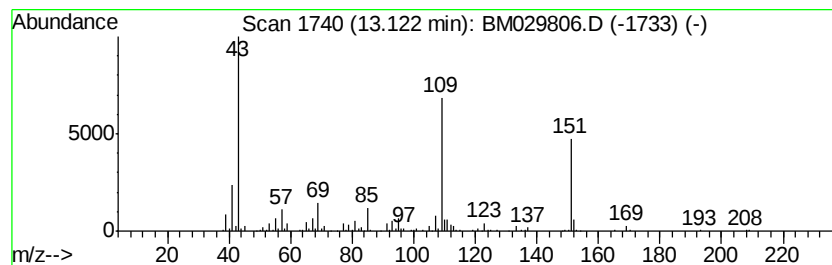
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	5.86 ng/ul	392098	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91		
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53		
3	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	50		
4	Ethanone, 1-(4,5-diethyl-2-methyl...	180	C12H20O	062338-24-3	40		
5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	35		



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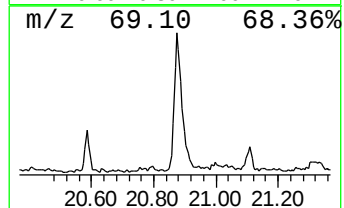
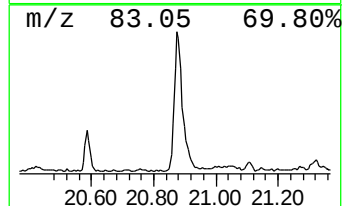
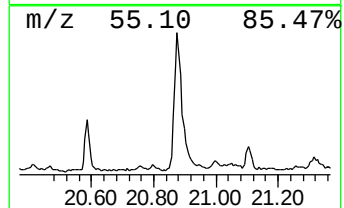
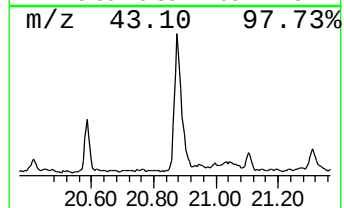
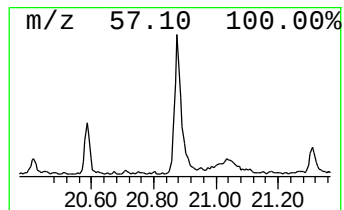
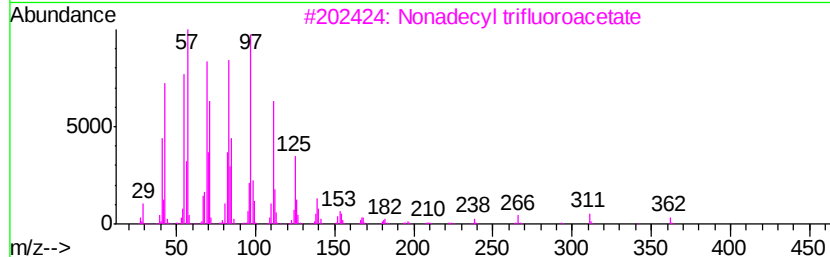
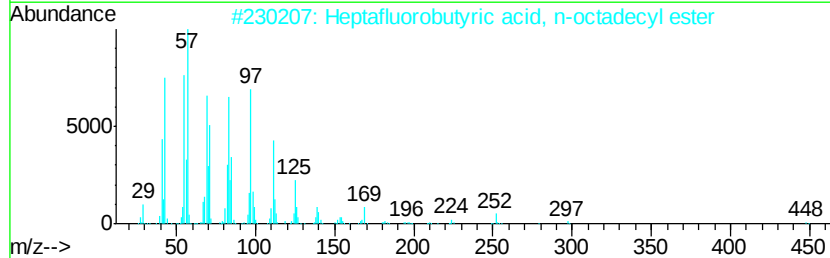
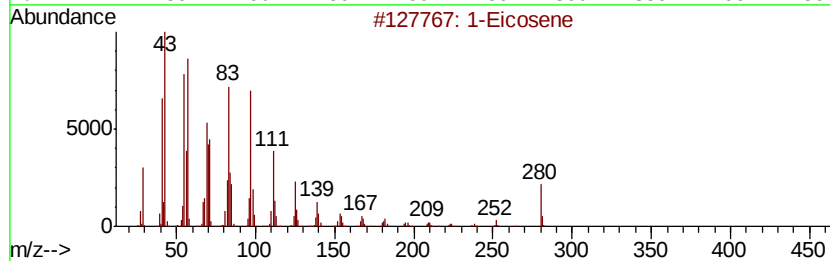
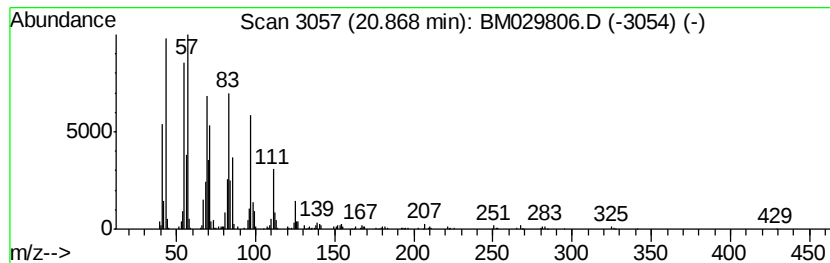
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	5.79 ng/ul	523699	Chrysene-d12	21.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Eicosene	280	C20H40	003452-07-1	93
2			Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
3			Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
4			17-Pentatriacontene	491	C35H70	006971-40-0	91
5			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91



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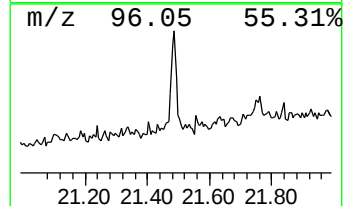
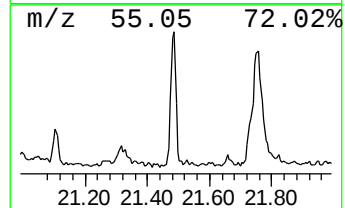
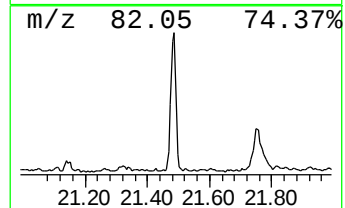
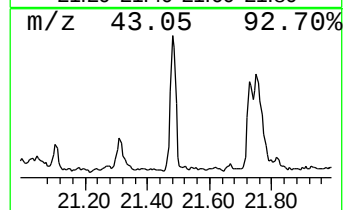
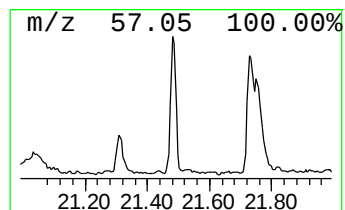
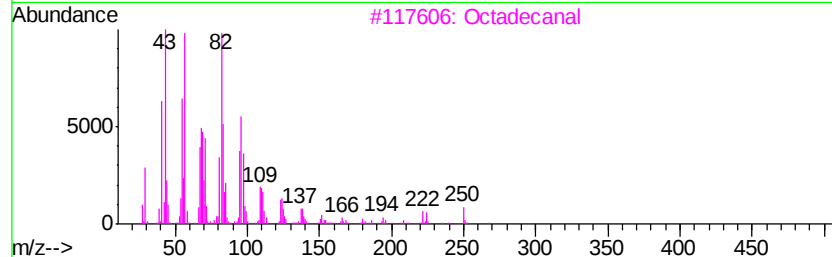
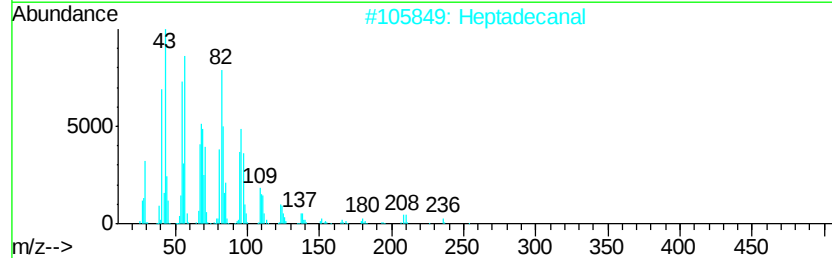
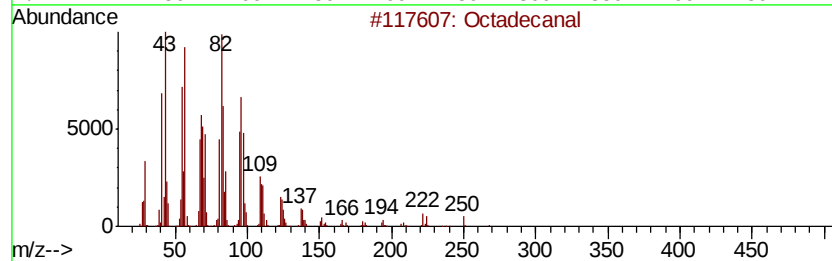
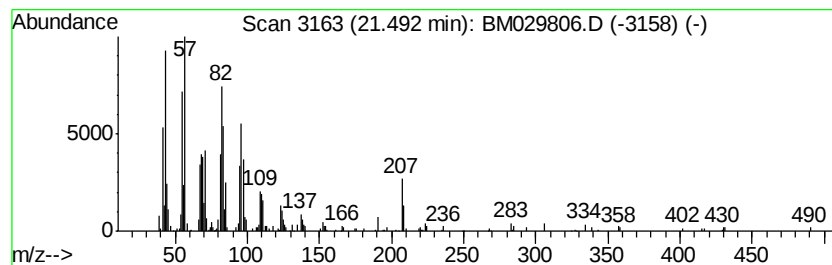
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Peak Number 3 Octadecanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	2.87 ng/ul	259590	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	94
2		Heptadecanal	254	C17H34O	1000376-70-0	91
3		Octadecanal	268	C18H36O	000638-66-4	91
4		Octadecanal	268	C18H36O	000638-66-4	90
5		12-Octadecenal	266	C18H34O	056554-91-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029806.D
Acq On : 05 May 2021 01:52
Operator : CG/JU
Sample : M2121-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG502

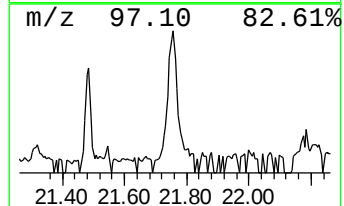
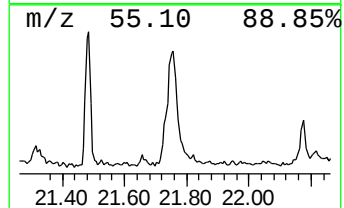
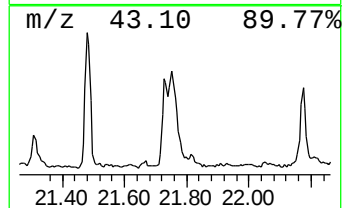
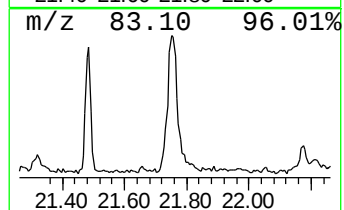
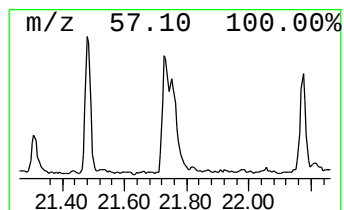
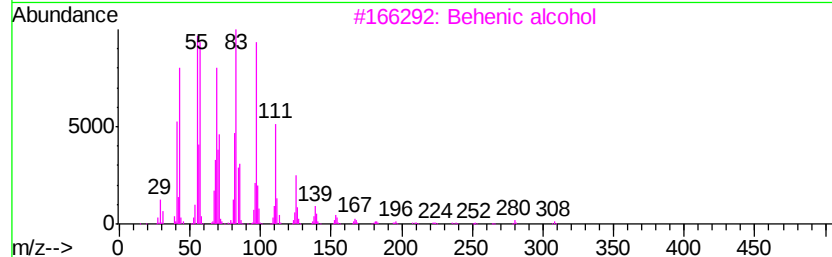
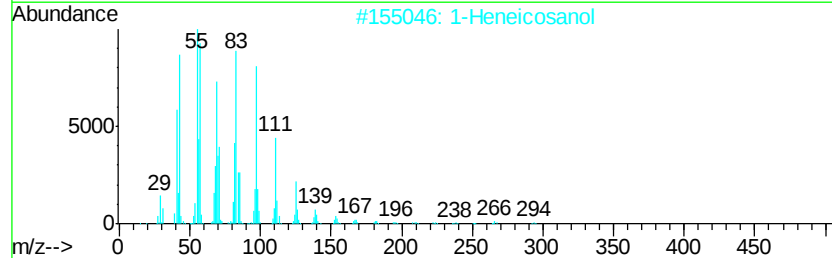
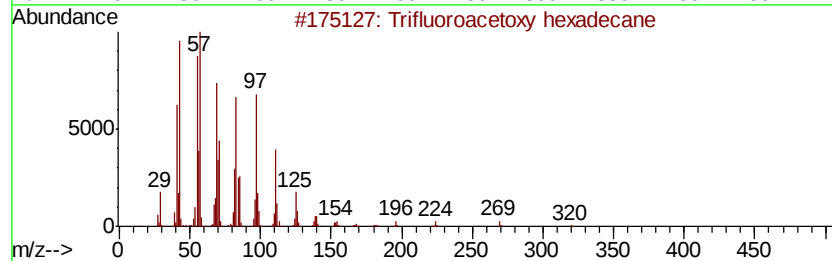
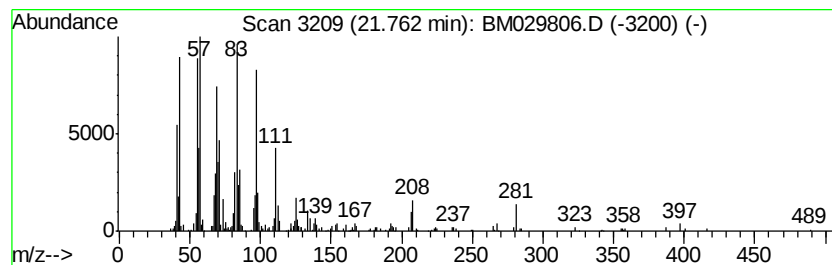
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Trifluoroacetoxy hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	5.02 ng/ul	454136	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	94
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		1-Heptacosanol	396	C27H56O	002004-39-9	91
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	91



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Operator : CG/JU
Sample : M2121-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG502

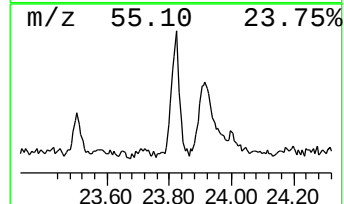
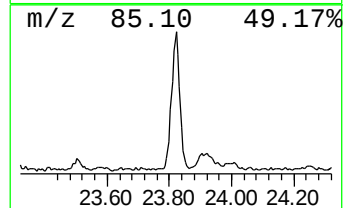
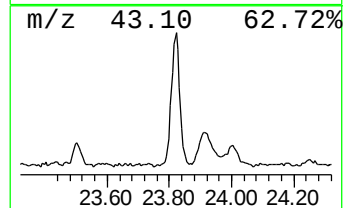
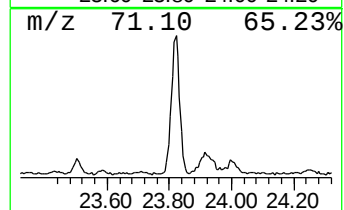
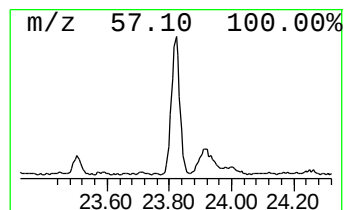
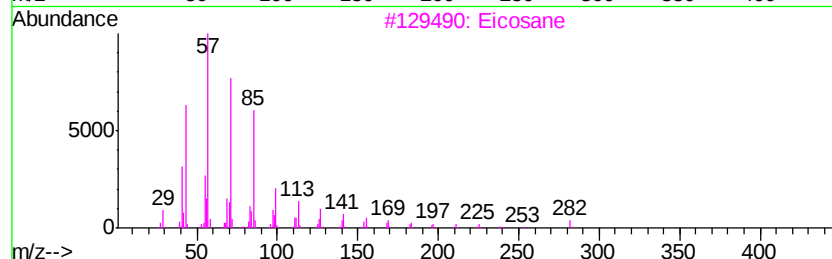
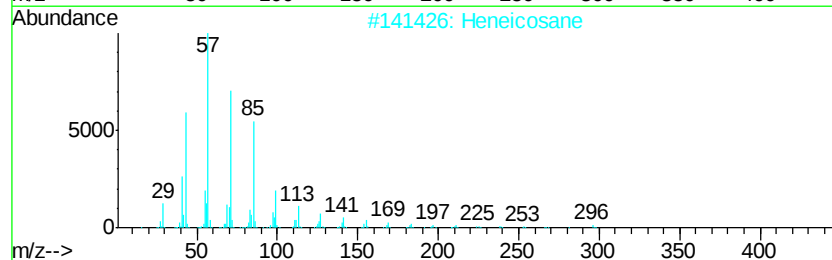
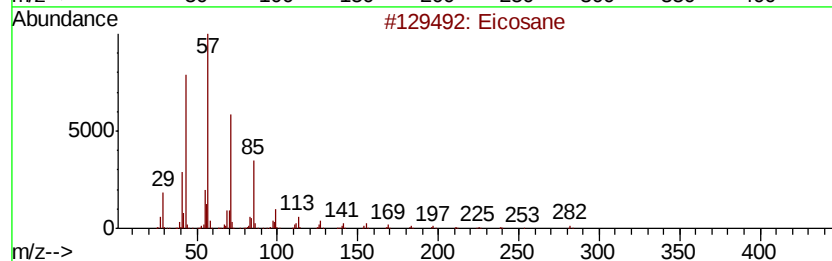
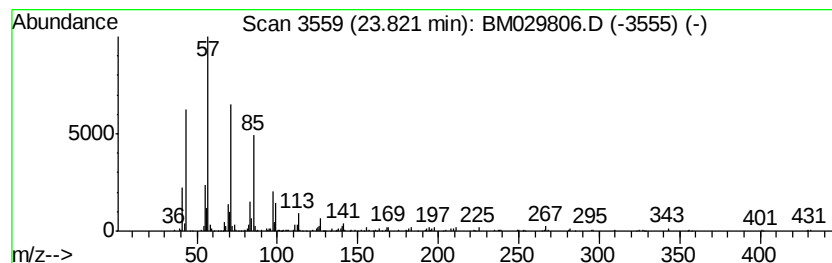
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	2.69 ng/ul	279603	Perylene-d12	23.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heneicosane	296	C21H44	000629-94-7	95
3		Eicosane	282	C20H42	000112-95-8	95
4		Heneicosane	296	C21H44	000629-94-7	81
5		Tetracosane	338	C24H50	000646-31-1	74



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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG502

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	5.9	ng/ul	392098	3	14.22	1339280	20.0
(DEL) Alkane: Str...	20.87	5.8	ng/ul	523699	5	21.14	1809520	20.0
Octadecanal	21.49	2.9	ng/ul	259590	5	21.14	1809520	20.0
Trifluoroacetoxy ...	21.76	5.0	ng/ul	454136	5	21.14	1809520	20.0
(DEL) Alkane: Str...	23.82	2.7	ng/ul	279603	6	23.31	2078450	20.0