

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030124\
 Data File : BM044480.D
 Acq On : 01 Mar 2024 20:54
 Operator : MA/JU
 Sample : P1496-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHA05

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

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-BM022324.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM044480.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	5	10	32	rVB	2632515	3033298	52.48%	5.197%
2	3.428	55	58	64	rVB	59444	73911	1.28%	0.127%
3	3.869	130	133	151	rBV	161286	319053	5.52%	0.547%
4	4.193	184	188	192	rBV	21488	26357	0.46%	0.045%
5	4.587	251	255	266	rBV	62423	98293	1.70%	0.168%
6	5.781	454	458	462	rBV6	7425	11294	0.20%	0.019%
7	6.151	516	521	525	rBV7	7879	15724	0.27%	0.027%
8	7.110	678	684	688	rBV2	19945	39552	0.68%	0.068%
9	7.275	705	712	725	rVB	346696	569504	9.85%	0.976%
10	7.451	736	742	757	rBV	785343	1285800	22.25%	2.203%
11	7.634	763	773	782	rBV	851771	1410454	24.40%	2.417%
12	8.116	847	855	863	rBV	644073	1018102	17.61%	1.744%
13	8.192	863	868	873	rBV3	15212	25782	0.45%	0.044%
14	8.763	958	965	970	rBV8	21781	42507	0.74%	0.073%
15	8.845	971	979	993	rBV	770678	1278627	22.12%	2.191%
16	9.239	1040	1046	1049	rBV8	6396	9354	0.16%	0.016%
17	9.304	1049	1057	1069	rBV	870893	1469315	25.42%	2.517%
18	9.422	1072	1077	1082	rVV3	20345	37543	0.65%	0.064%
19	9.475	1082	1086	1094	rVB9	10938	23880	0.41%	0.041%
20	9.710	1120	1126	1131	rBV4	8856	15565	0.27%	0.027%
21	10.033	1173	1181	1194	rBV	675833	1152520	19.94%	1.975%
22	10.192	1205	1208	1212	rVB5	8236	12661	0.22%	0.022%
23	10.345	1228	1234	1239	rVV3	20248	37895	0.66%	0.065%
24	10.574	1265	1273	1285	rBV	1076961	1940913	33.58%	3.325%
25	10.951	1329	1337	1344	rBV	873197	1486200	25.71%	2.546%
26	11.004	1344	1346	1352	rVB	29525	39033	0.68%	0.067%
27	11.110	1352	1364	1384	rBV	363228	750956	12.99%	1.287%
28	11.427	1414	1418	1422	rVB6	11216	17794	0.31%	0.030%
29	11.539	1432	1437	1440	rVB5	9766	13258	0.23%	0.023%
30	11.627	1443	1452	1455	rBV8	9650	18264	0.32%	0.031%
31	11.674	1455	1460	1466	rBV8	10755	18925	0.33%	0.032%
32	11.874	1489	1494	1497	rVB6	8295	11585	0.20%	0.020%
33	12.151	1536	1541	1548	rBV3	22250	36176	0.63%	0.062%
34	12.227	1548	1554	1556	rBV7	5174	9323	0.16%	0.016%
35	12.498	1591	1600	1604	rBV6	26965	53749	0.93%	0.092%
36	12.539	1604	1607	1612	rVV2	24576	41637	0.72%	0.071%

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37	12.604	1612	1618	1630	rVB2	94434	203074	3.51%	0.348%
38	12.751	1637	1643	1650	rVB6	9316	16800	0.29%	0.029%
39	12.833	1650	1657	1661	rBV	31019	52446	0.91%	0.090%
40	13.016	1680	1688	1693	rBV7	19911	41825	0.72%	0.072%
41	13.074	1693	1698	1701	rVV6	13210	22262	0.39%	0.038%
42	13.127	1704	1707	1713	rVV8	5759	12847	0.22%	0.022%
43	13.280	1727	1733	1735	rBV7	8041	15184	0.26%	0.026%
44	13.333	1736	1742	1746	rVB8	8686	18357	0.32%	0.031%
45	13.533	1773	1776	1783	rVB8	8834	16496	0.29%	0.028%
46	13.621	1783	1791	1797	rVB4	31630	61714	1.07%	0.106%
47	13.686	1797	1802	1808	rBV2	24948	50078	0.87%	0.086%
48	13.780	1812	1818	1820	rBV6	8457	20681	0.36%	0.035%
49	13.815	1822	1824	1835	rVB6	15442	34188	0.59%	0.059%
50	13.968	1835	1850	1853	rBV7	29562	85319	1.48%	0.146%
51	14.104	1866	1873	1878	rBV2	40523	74070	1.28%	0.127%
52	14.157	1878	1882	1884	rVV3	32040	43400	0.75%	0.074%
53	14.204	1884	1890	1898	rVV	1982445	2705397	46.80%	4.635%
54	14.262	1898	1900	1905	rVV5	19807	26964	0.47%	0.046%
55	14.339	1909	1913	1916	rVB	17979	21214	0.37%	0.036%
56	14.386	1916	1921	1928	rBV10	21715	42394	0.73%	0.073%
57	14.474	1929	1936	1947	rVB	2295665	3427639	59.30%	5.873%
58	14.568	1947	1952	1957	rBV9	9646	17470	0.30%	0.030%
59	14.686	1968	1972	1978	rVB2	17247	23920	0.41%	0.041%
60	14.780	1978	1988	1995	rBV	1250783	1970373	34.09%	3.376%
61	14.992	2018	2024	2036	rBV	181970	414259	7.17%	0.710%
62	15.292	2073	2075	2081	rVB6	13416	18067	0.31%	0.031%
63	15.392	2087	2092	2095	rBV5	10646	20277	0.35%	0.035%
64	15.445	2098	2101	2104	rBV4	9364	10602	0.18%	0.018%
65	15.568	2120	2122	2127	rVV6	10626	14567	0.25%	0.025%
66	15.633	2130	2133	2137	rVB	23510	28550	0.49%	0.049%
67	15.721	2144	2148	2150	rBV4	22356	30821	0.53%	0.053%
68	15.768	2150	2156	2171	rVB	2987802	4334893	75.00%	7.427%
69	15.892	2171	2177	2189	rBV	866187	1274466	22.05%	2.184%
70	16.109	2210	2214	2216	rBV4	10650	14826	0.26%	0.025%
71	16.139	2217	2219	2224	rVV	22212	32851	0.57%	0.056%
72	16.180	2224	2226	2233	rVB7	11580	21512	0.37%	0.037%
73	16.345	2250	2254	2259	rVB8	7865	14641	0.25%	0.025%
74	16.451	2267	2272	2276	rBV8	12565	25750	0.45%	0.044%
75	16.504	2277	2281	2282	rVV2	35606	46636	0.81%	0.080%
76	16.521	2282	2284	2288	rVV	45997	51878	0.90%	0.089%

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77	16.562	2288	2291	2297	rVB2	22033	42812	0.74%	0.073%
78	17.039	2367	2372	2382	rBV	129480	199862	3.46%	0.342%
79	17.298	2413	2416	2420	rVB3	29186	31987	0.55%	0.055%
80	17.345	2422	2424	2432	rVB3	25915	37652	0.65%	0.065%
81	17.527	2449	2455	2462	rBV	1590265	2262013	39.13%	3.875%
82	17.627	2466	2472	2483	rVV2	3275285	4716004	81.59%	8.080%
83	18.045	2539	2543	2547	rVB2	46468	57813	1.00%	0.099%
84	18.156	2557	2562	2567	rBV	212963	269217	4.66%	0.461%
85	18.215	2569	2572	2575	rVB5	30564	38622	0.67%	0.066%
86	18.445	2606	2611	2621	rBV	339473	534617	9.25%	0.916%
87	18.739	2658	2661	2664	rBV2	38657	47559	0.82%	0.081%
88	18.915	2688	2691	2698	rVB5	39255	59027	1.02%	0.101%
89	19.362	2765	2767	2772	rVB2	29667	35384	0.61%	0.061%
90	19.486	2784	2788	2791	rVB2	44410	58371	1.01%	0.100%
91	19.527	2791	2795	2797	rBV	77184	107350	1.86%	0.184%
92	19.597	2804	2807	2809	rBV2	83974	107439	1.86%	0.184%
93	19.715	2823	2827	2834	rBV	144638	237516	4.11%	0.407%
94	19.815	2841	2844	2848	rBV	144450	172273	2.98%	0.295%
95	19.915	2855	2861	2870	rVB	4270431	5780146	100.00%	9.903%
96	21.444	3118	3121	3129	rVB	378217	491380	8.50%	0.842%
97	21.715	3162	3167	3178	rBV2	1787408	2487872	43.04%	4.262%
98	22.303	3263	3267	3272	rVB2	295253	379833	6.57%	0.651%
99	24.115	3567	3575	3586	rVB	2622623	5578454	96.51%	9.558%
100	24.279	3596	3603	3615	rVB	1253267	2830502	48.97%	4.849%

Sum of corrected areas: 58367217

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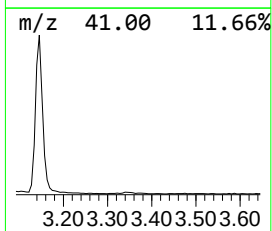
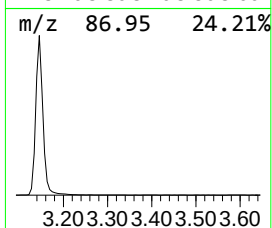
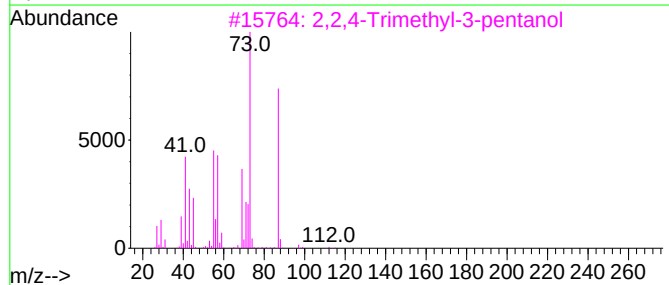
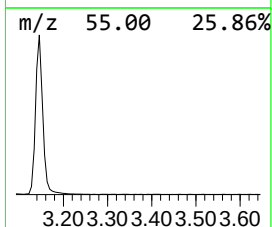
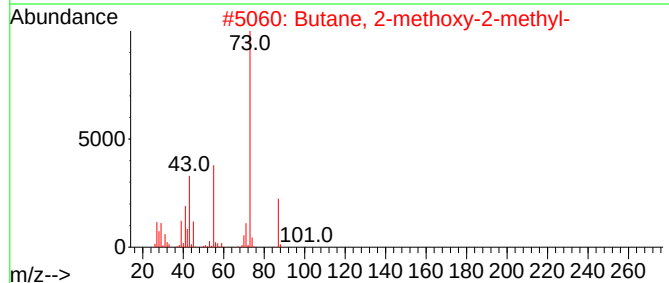
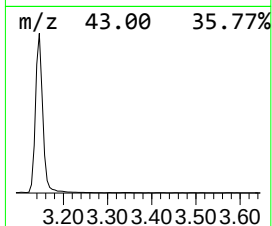
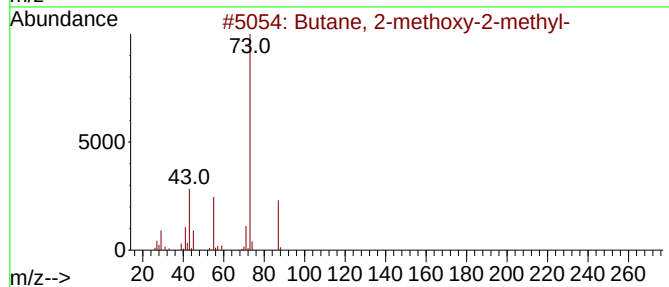
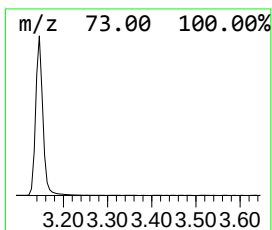
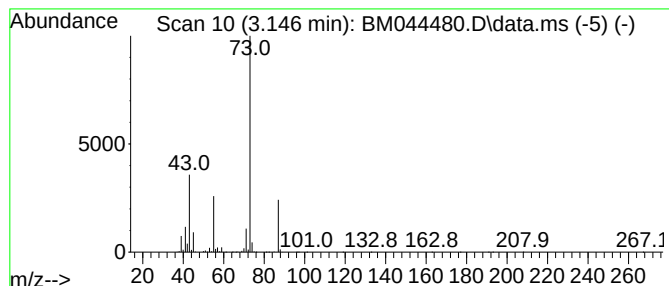
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.146	59.59 ng/ul	3033300	1,4-Dichlorobenzene-d4	8.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25



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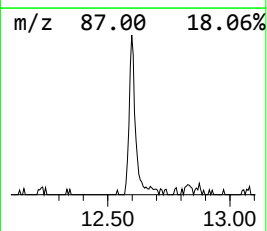
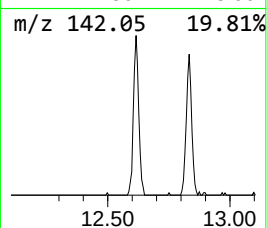
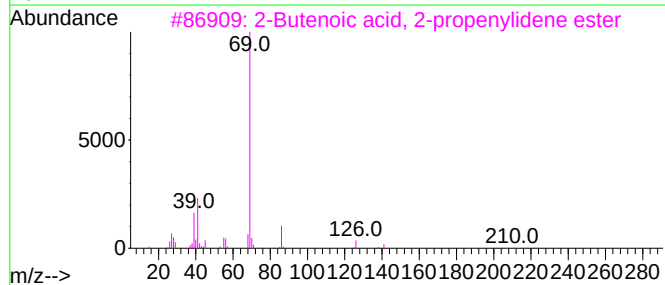
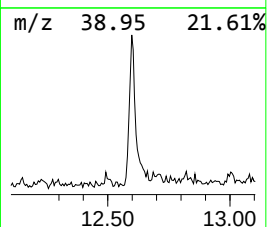
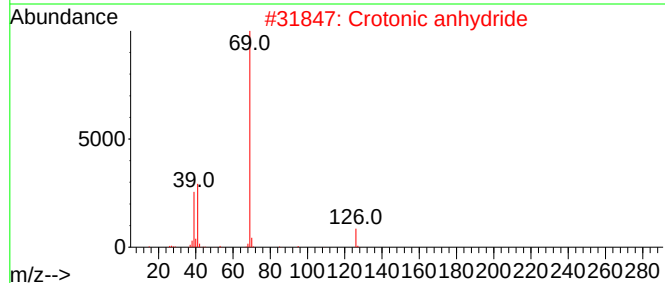
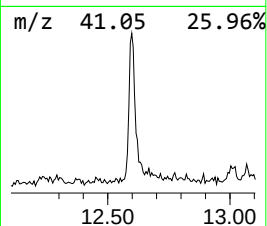
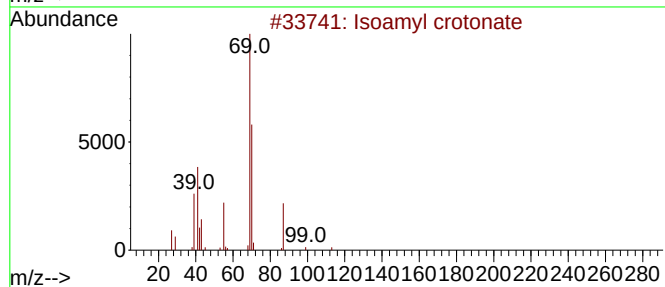
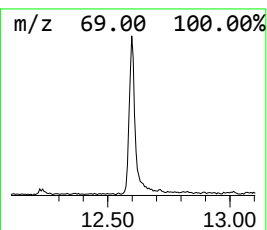
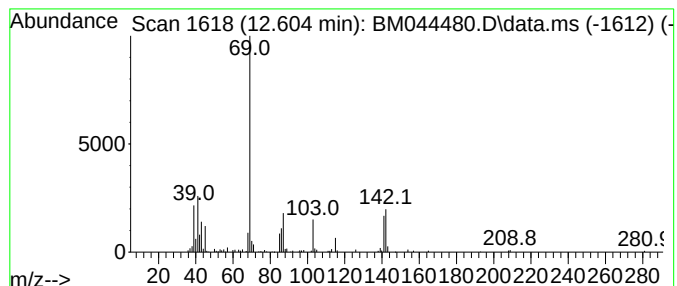
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.604	2.73 ng/ul	203074	Naphthalene-d8	10.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isoamyl crotonate	156	C9H16O2	1010429-17-3	43
2			Crotonic anhydride	154	C8H10O3	000623-68-7	38
3			2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	38
4			Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	33
5			2-Propenoic acid, 2-methyl-, 1,2...	286	C14H22O6	000109-16-0	33



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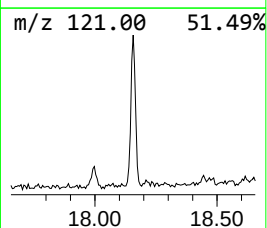
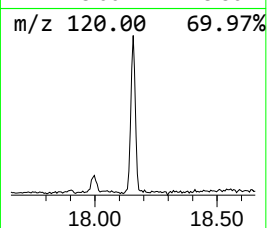
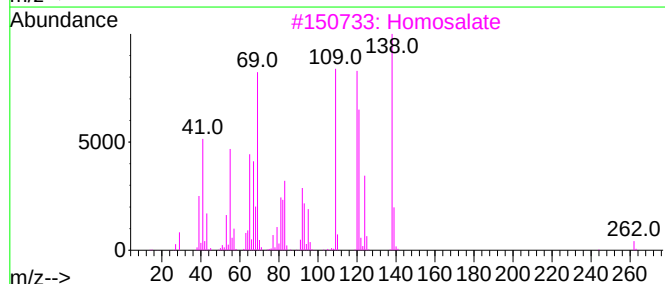
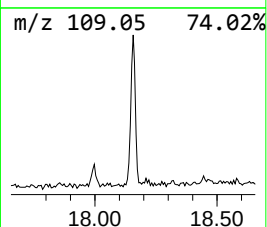
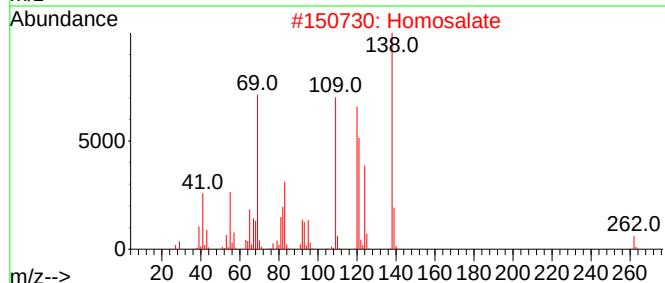
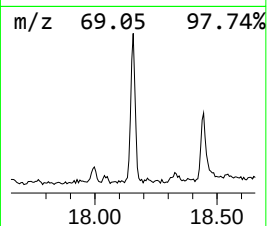
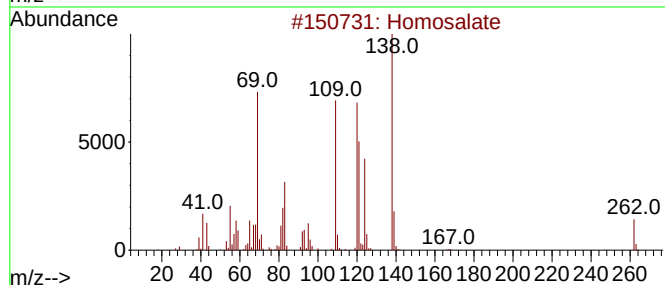
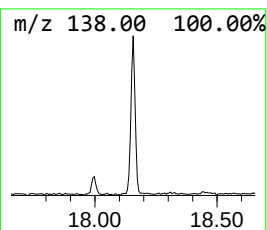
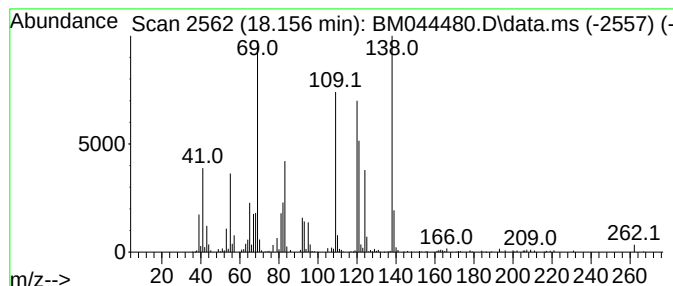
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Homosalate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.156	2.38 ng/ul	269217	Phenanthrene-d10	17.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Homosalate	262	C16H22O3	000118-56-9	91
2			Homosalate	262	C16H22O3	000118-56-9	91
3			Homosalate	262	C16H22O3	000118-56-9	90
4			Homosalate	262	C16H22O3	000118-56-9	76
5			3-Methoxybenzyl alcohol	138	C8H10O2	006971-51-3	38



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BHA05

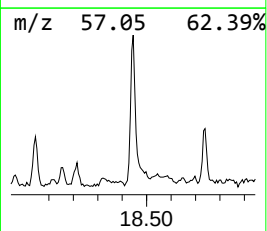
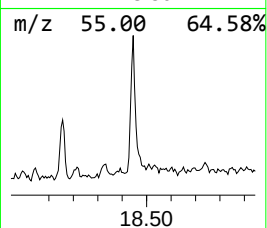
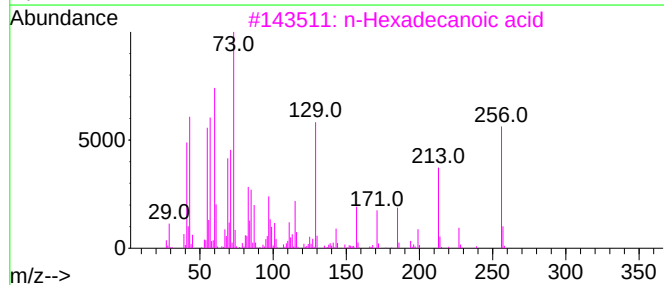
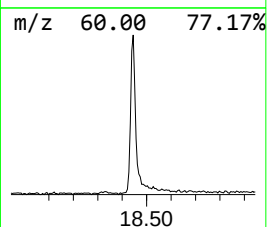
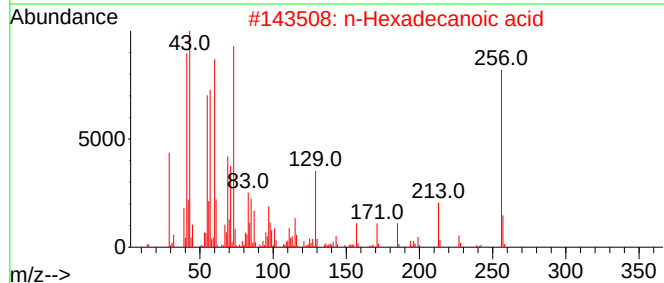
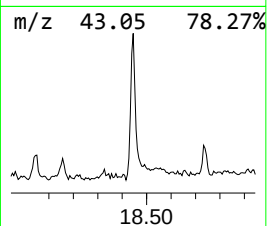
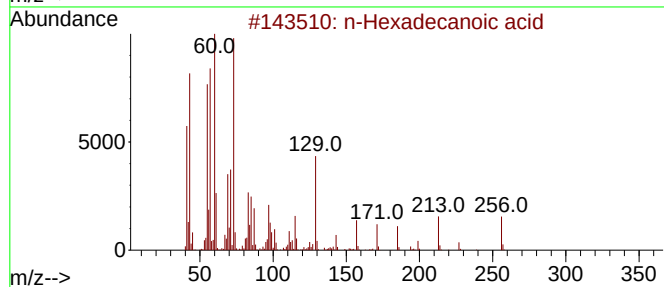
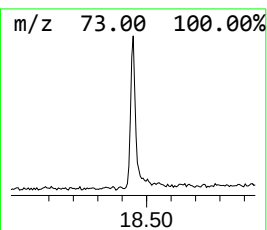
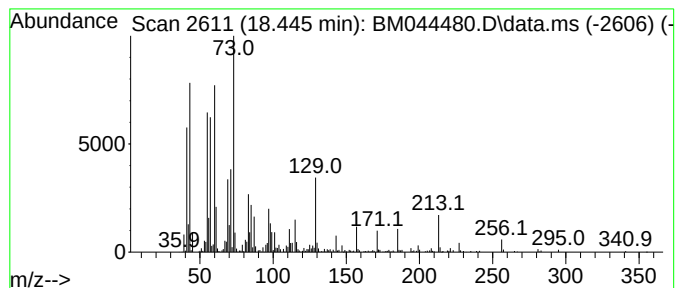
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	4.73 ng/ul	534617	Phenanthrene-d10	17.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030124\
Data File : BM044480.D
Acq On : 01 Mar 2024 20:54
Operator : MA/JU
Sample : P1496-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHA05

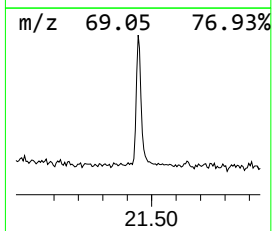
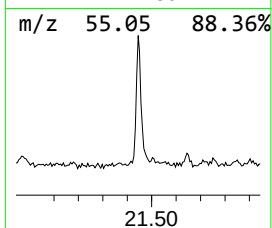
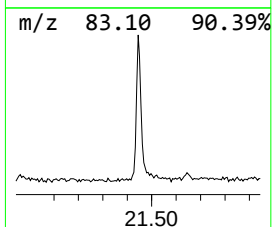
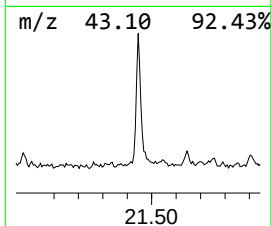
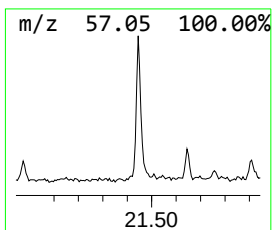
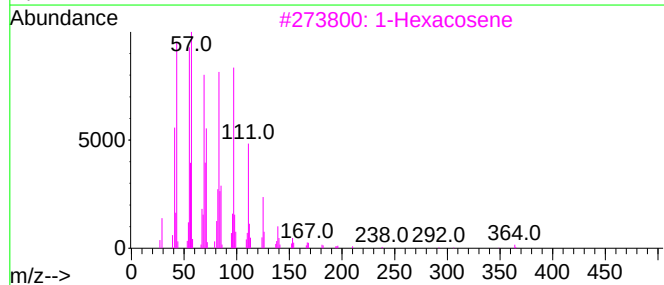
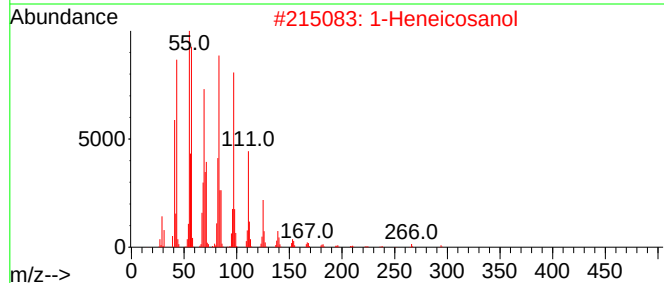
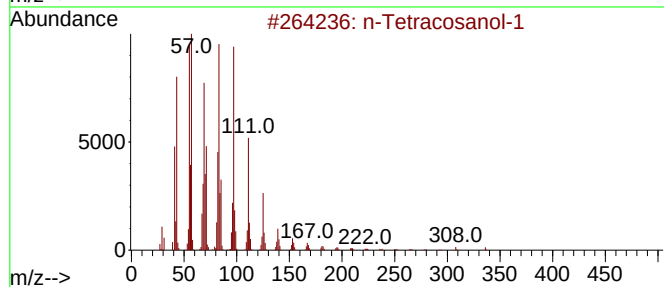
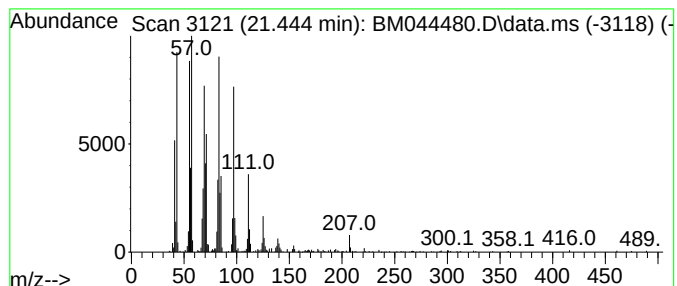
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.444	3.95 ng/ul	491380	Chrysene-d12	21.715

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2			1-Heneicosanol	312	C21H44O	015594-90-8	93
3			1-Hexacosene	364	C26H52	018835-33-1	91
4			1-Tetracosene	336	C24H48	010192-32-2	91
5			Octacosanol	410	C28H58O	000557-61-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030124\
Data File : BM044480.D
Acq On : 01 Mar 2024 20:54
Operator : MA/JU
Sample : P1496-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHA05

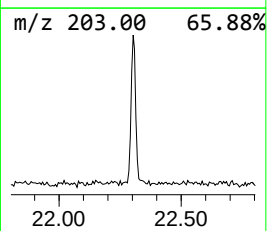
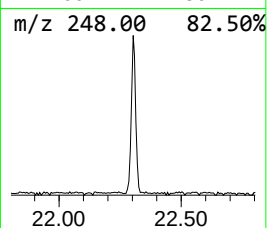
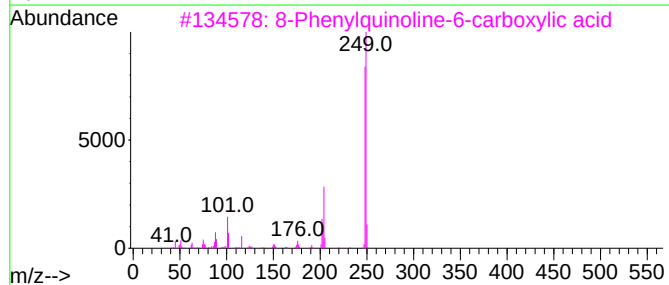
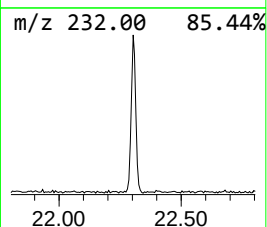
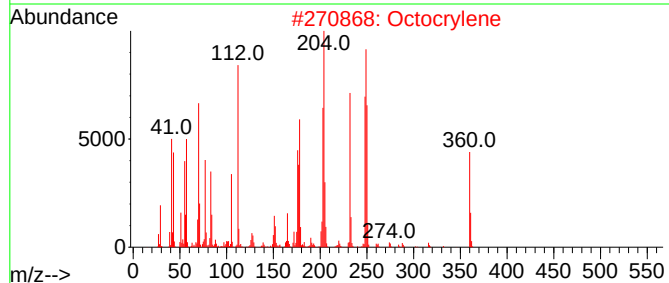
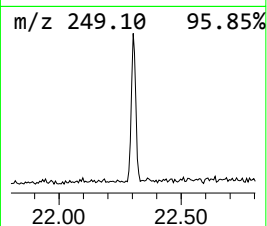
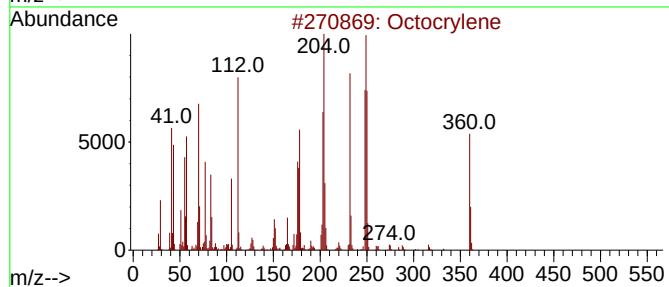
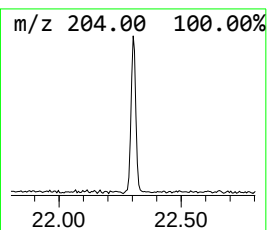
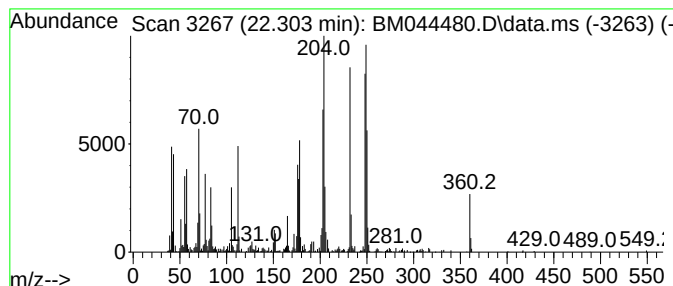
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octocrylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.303	3.05 ng/ul	379833	Chrysene-d12	21.715

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octocrylene	361	C24H27NO2	006197-30-4	83
2			Octocrylene	361	C24H27NO2	006197-30-4	27
3			8-Phenylquinoline-6-carboxylic acid	249	C16H11NO2	035871-15-9	27
4			1,2,3,3a-Tetrahydro-10-phenylben...	260	C18H16N2	028749-06-6	27
5			2,2'-Dichlorostilbene	248	C14H10Cl2	1000147-14-3	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030124\
Data File : BM044480.D
Acq On : 01 Mar 2024 20:54
Operator : MA/JU
Sample : P1496-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHA05

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.146	59.6	ng/ul	3033300	1	8.116	1018100	20.0
unknown-01	12.604	2.7	ng/ul	203074	2	10.951	1486200	20.0
Homosalate	18.156	2.4	ng/ul	269217	4	17.527	2262010	20.0
n-Hexadecanoic ...	18.445	4.7	ng/ul	534617	4	17.527	2262010	20.0
n-Tetracosanol-1	21.444	4.0	ng/ul	491380	5	21.715	2487870	20.0
Octocrylene	22.303	3.0	ng/ul	379833	5	21.715	2487870	20.0