

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041522\
 Data File : BP009890.D
 Acq On : 16 Apr 2022 08:26
 Operator : CG/JU
 Sample : N2421-16
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0J76

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_P\Methods\SFAM-EPA-BP040722.M
 Title : SVOA CALIBRATION

Signal : TIC: BP009890.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.123	3	6	21	rVB	313515	473052	8.73%	0.982%
2	3.381	46	50	59	rVB	23566	36106	0.67%	0.075%
3	3.799	117	121	133	rBV	147806	261126	4.82%	0.542%
4	4.134	174	178	181	rBV2	7107	8505	0.16%	0.018%
5	5.264	365	370	375	rBV5	4406	6699	0.12%	0.014%
6	5.999	490	495	499	rBV4	6939	12961	0.24%	0.027%
7	7.111	675	684	697	rVB	140550	234234	4.32%	0.486%
8	7.281	706	713	722	rBV	482955	785109	14.49%	1.630%
9	7.352	722	725	732	rVB2	8734	14951	0.28%	0.031%
10	7.481	739	747	757	rBV	465481	780150	14.40%	1.620%
11	7.646	771	775	779	rBV6	5407	8613	0.16%	0.018%
12	7.693	779	783	791	rVB7	10808	19052	0.35%	0.040%
13	7.958	816	828	836	rBV	500512	840916	15.52%	1.746%
14	8.022	836	839	843	rVV2	14136	22938	0.42%	0.048%
15	8.058	843	845	851	rVB7	4892	7858	0.14%	0.016%
16	8.316	883	889	893	rBV9	4942	8674	0.16%	0.018%
17	8.658	938	947	961	rBV	408562	699870	12.91%	1.453%
18	9.052	1010	1014	1017	rBV4	5216	7188	0.13%	0.015%
19	9.110	1017	1024	1037	rVB	671038	1115049	20.58%	2.315%
20	9.287	1049	1054	1060	rVB5	16362	26500	0.49%	0.055%
21	9.563	1093	1101	1108	rBV3	20584	41996	0.77%	0.087%
22	9.834	1138	1147	1163	rBV	517274	965709	17.82%	2.005%
23	10.069	1182	1187	1196	rVB	4642	8694	0.16%	0.018%
24	10.375	1231	1239	1249	rBV	761432	1279592	23.61%	2.656%
25	10.552	1263	1269	1275	rBV4	14034	27451	0.51%	0.057%
26	10.763	1297	1305	1316	rVB	749680	1278732	23.60%	2.655%
27	10.893	1318	1327	1338	rBV	721323	1266541	23.37%	2.629%
28	11.087	1354	1360	1365	rBV9	5657	11768	0.22%	0.024%
29	11.210	1377	1381	1386	rVB7	3851	6956	0.13%	0.014%
30	11.475	1420	1426	1435	rBV	205098	333518	6.15%	0.692%
31	11.552	1435	1439	1444	rVB5	10262	16711	0.31%	0.035%
32	12.075	1520	1528	1532	rBV5	4446	9014	0.17%	0.019%
33	12.193	1544	1548	1553	rBV7	4317	7805	0.14%	0.016%
34	12.346	1569	1574	1580	rBV2	16401	27806	0.51%	0.058%
35	12.616	1616	1620	1625	rVB7	8235	12102	0.22%	0.025%
36	12.993	1682	1684	1689	rVB6	3800	6004	0.11%	0.012%

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37	13.098	1695	1702	1710	rBV	154798	258705	4.77%	0.537%
38	13.210	1717	1721	1725	rVB7	4119	5807	0.11%	0.012%
39	13.428	1752	1758	1766	rBV4	39080	67903	1.25%	0.141%
40	13.557	1777	1780	1788	rVB9	4252	7289	0.13%	0.015%
41	13.869	1828	1833	1837	rBV8	3810	7867	0.15%	0.016%
42	13.922	1837	1842	1846	rVB8	3548	6154	0.11%	0.013%
43	13.993	1847	1854	1860	rBV	1788133	2455562	45.31%	5.098%
44	14.128	1874	1877	1885	rVB10	8053	11303	0.21%	0.023%
45	14.281	1892	1903	1915	rBV	1794621	2724529	50.27%	5.656%
46	14.493	1936	1939	1945	rVB6	6315	9790	0.18%	0.020%
47	14.587	1947	1955	1965	rBV	1295666	1927051	35.56%	4.000%
48	14.669	1966	1969	1976	rVB9	8056	12083	0.22%	0.025%
49	14.769	1978	1986	1992	rBV	175342	314673	5.81%	0.653%
50	14.816	1992	1994	2001	rVB	58509	69678	1.29%	0.145%
51	14.934	2012	2014	2021	rVB8	4133	6134	0.11%	0.013%
52	14.998	2021	2025	2032	rBV4	29468	45944	0.85%	0.095%
53	15.128	2041	2047	2048	rBV6	3466	5574	0.10%	0.012%
54	15.210	2057	2061	2065	rBV6	5855	11958	0.22%	0.025%
55	15.263	2067	2070	2075	rVB3	9459	13739	0.25%	0.029%
56	15.328	2075	2081	2088	rVB	63438	81418	1.50%	0.169%
57	15.398	2088	2093	2099	rBV2	18950	32398	0.60%	0.067%
58	15.445	2099	2101	2108	rVB8	4585	6295	0.12%	0.013%
59	15.581	2117	2124	2135	rBV	2474754	3582863	66.11%	7.438%
60	15.687	2136	2142	2152	rBV	910019	1254146	23.14%	2.603%
61	15.816	2157	2164	2170	rVB5	29824	66789	1.23%	0.139%
62	15.945	2182	2186	2190	rBV6	6760	8449	0.16%	0.018%
63	16.087	2205	2210	2213	rBV3	9681	15036	0.28%	0.031%
64	16.134	2213	2218	2225	rBV6	22642	43079	0.79%	0.089%
65	16.210	2225	2231	2237	rBV	92684	148718	2.74%	0.309%
66	16.369	2254	2258	2263	rVB7	11755	19552	0.36%	0.041%
67	16.545	2282	2288	2292	rBV8	6201	11036	0.20%	0.023%
68	16.587	2292	2295	2300	rVV6	6088	8917	0.16%	0.019%
69	16.734	2316	2320	2325	rBV4	18333	23660	0.44%	0.049%
70	16.887	2342	2346	2349	rVB6	5407	7443	0.14%	0.015%
71	17.016	2365	2368	2372	rVB6	5745	7973	0.15%	0.017%
72	17.134	2383	2388	2393	rVB	61117	86246	1.59%	0.179%
73	17.269	2407	2411	2413	rBV5	3551	5503	0.10%	0.011%
74	17.339	2416	2423	2432	rVV	1661809	2449801	45.20%	5.086%
75	17.439	2433	2440	2448	rBV	3073390	4425962	81.67%	9.188%
76	17.510	2449	2452	2454	rBV4	4960	6465	0.12%	0.013%

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77	17.628	2466	2472	2480	rVB4	16686	32375	0.60%	0.067%
78	18.004	2532	2536	2543	rVB9	17699	29781	0.55%	0.062%
79	18.092	2548	2551	2555	rBV6	7514	9370	0.17%	0.019%
80	18.222	2568	2573	2580	rBV	148952	208312	3.84%	0.432%
81	18.286	2582	2584	2593	rVB3	13281	24460	0.45%	0.051%
82	18.422	2604	2607	2613	rVB5	8785	13238	0.24%	0.027%
83	18.522	2619	2624	2632	rBV2	30599	51710	0.95%	0.107%
84	18.639	2640	2644	2648	rVB5	17166	21356	0.39%	0.044%
85	18.828	2673	2676	2678	rBV4	5247	6198	0.11%	0.013%
86	19.075	2711	2718	2723	rBV	29762	51604	0.95%	0.107%
87	19.163	2730	2733	2737	rVB5	7982	10411	0.19%	0.022%
88	19.245	2742	2747	2753	rBV2	46958	74283	1.37%	0.154%
89	19.310	2754	2758	2765	rBV	49028	79757	1.47%	0.166%
90	19.451	2778	2782	2793	rBV6	31355	56233	1.04%	0.117%
91	19.598	2804	2807	2810	rBV3	13284	15235	0.28%	0.032%
92	19.669	2812	2819	2833	rVV	4179917	5419334	100.00%	11.250%
93	20.169	2900	2904	2906	rBV4	13930	19444	0.36%	0.040%
94	21.127	3062	3067	3075	rBV	389968	543654	10.03%	1.129%
95	21.416	3111	3116	3124	rBV	2077878	2798866	51.65%	5.810%
96	23.139	3406	3409	3414	rVB2	75309	115392	2.13%	0.240%
97	23.727	3500	3509	3516	rBV2	2462085	5088753	93.90%	10.564%
98	23.880	3528	3535	3546	rVB2	1218861	2578349	47.58%	5.352%

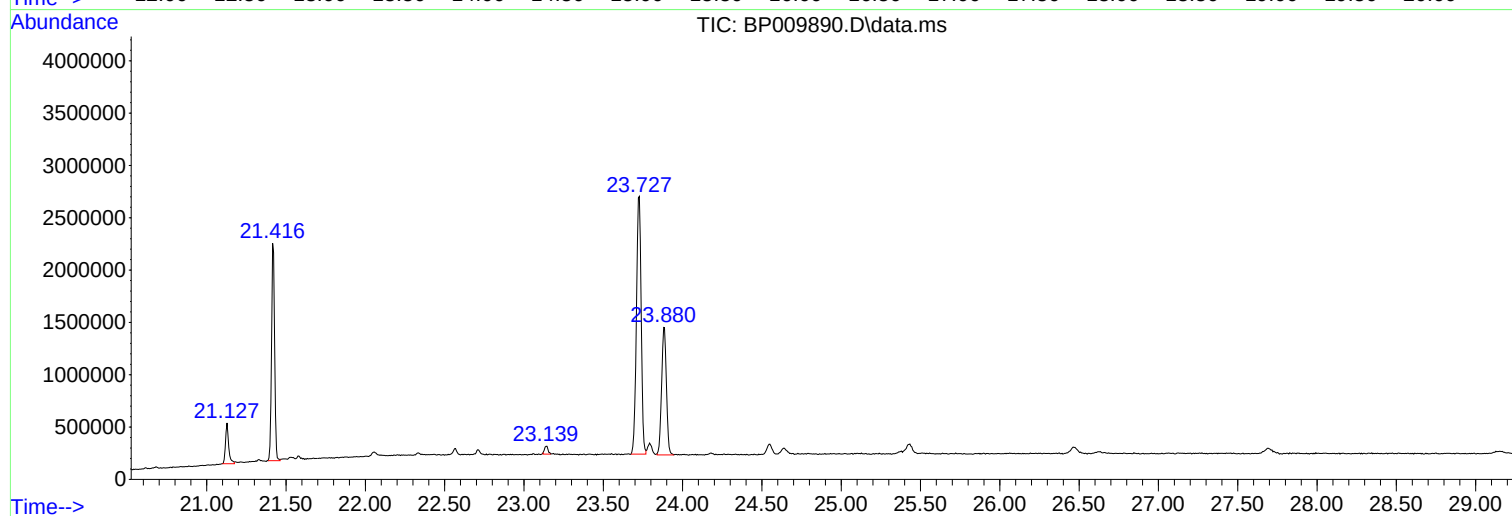
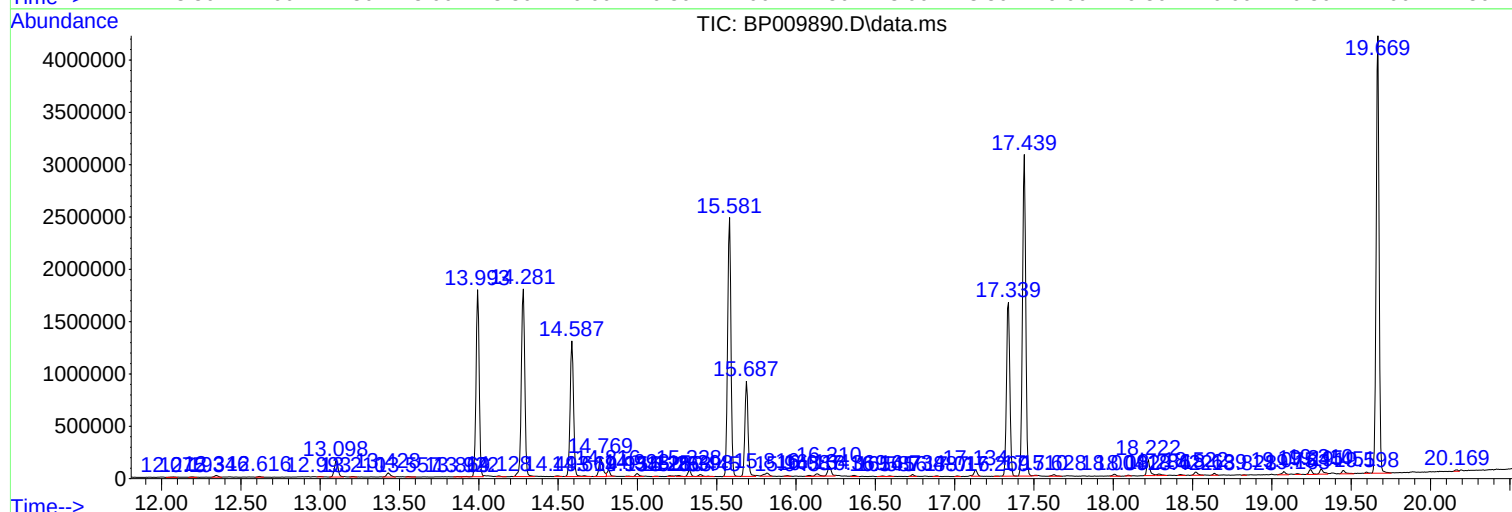
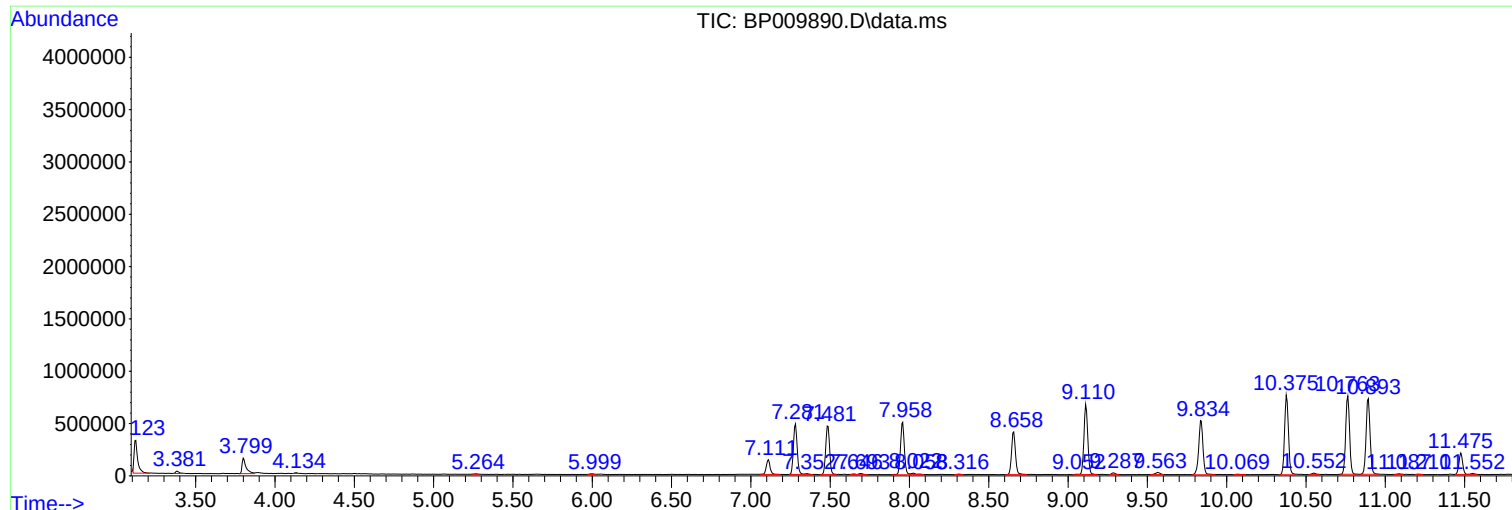
Sum of corrected areas: 48171557

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION

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



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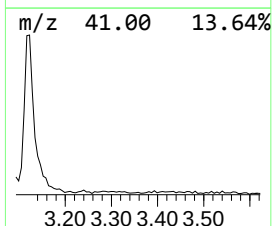
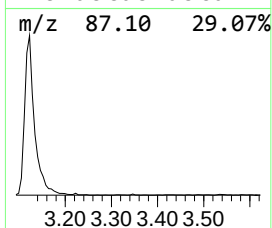
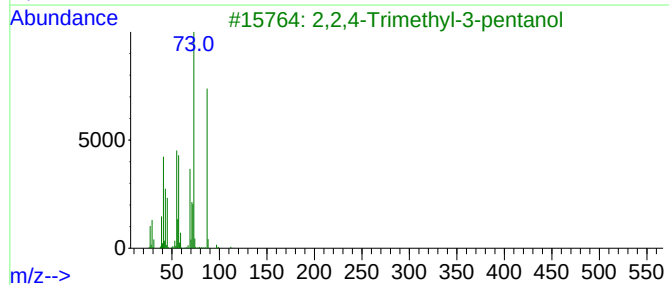
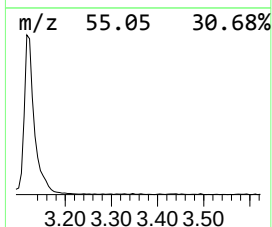
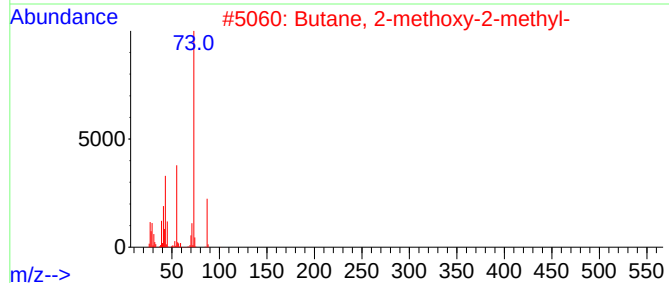
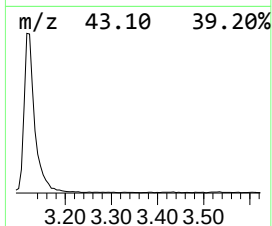
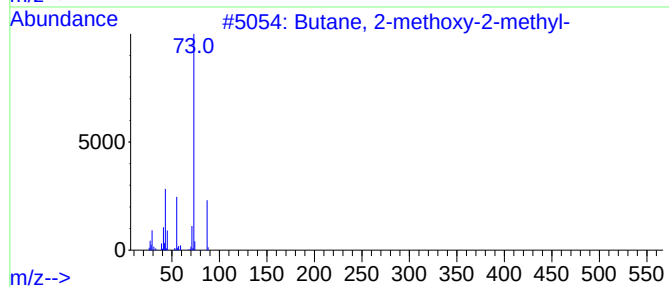
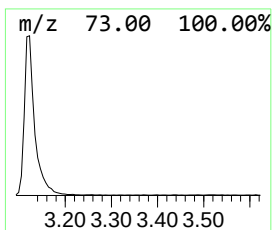
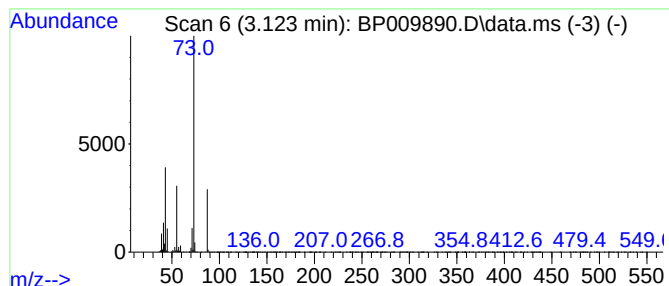
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION

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.
3.123	11.25 ng/ul	473052	1,4-Dichlorobenzene-d4	7.958

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83		
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45		
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39		
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38		
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35		



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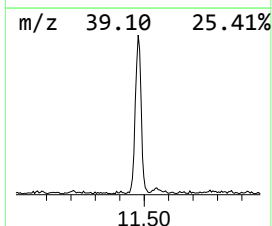
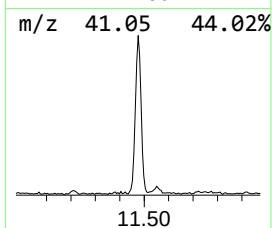
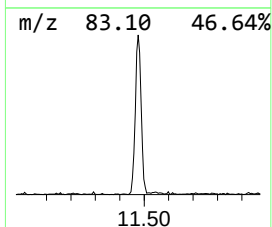
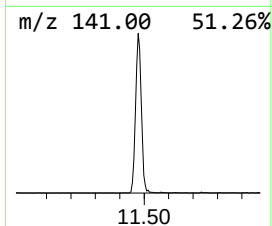
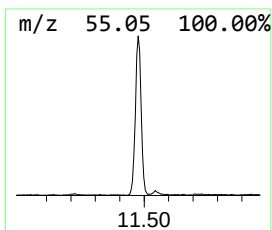
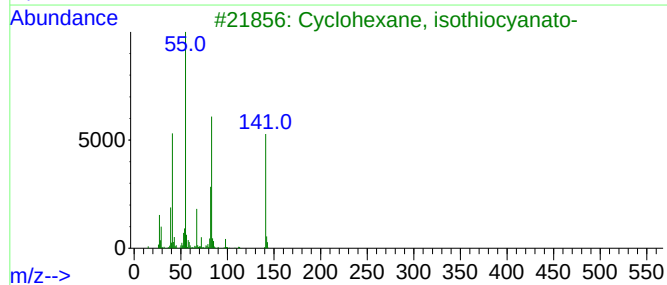
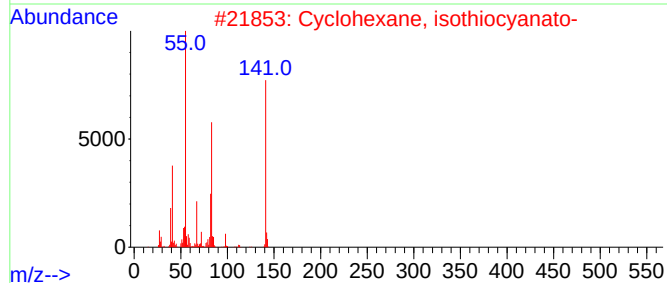
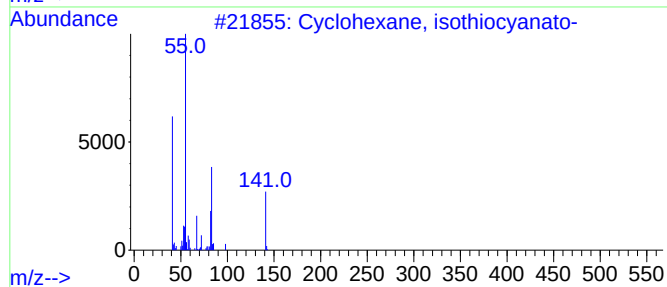
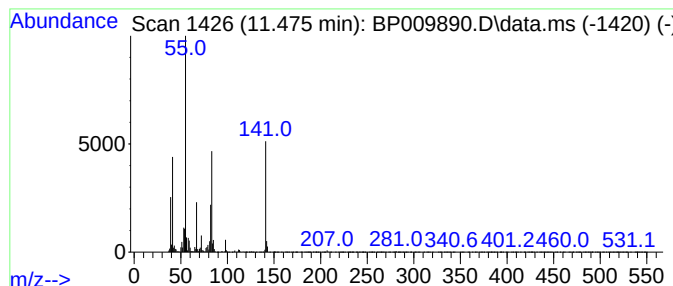
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Cyclohexane, isothiocyanato- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.475	5.22 ng/ul	333518	Naphthalene-d8	10.763

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, isothiocyanato-	141	C7H11NS	001122-82-3	95
2			Cyclohexane, isothiocyanato-	141	C7H11NS	001122-82-3	94
3			Cyclohexane, isothiocyanato-	141	C7H11NS	001122-82-3	90
4			Cyclohexane, isothiocyanato-	141	C7H11NS	001122-82-3	87
5			N-Ethylidenecyclohexaneamine, N-...	141	C8H15NO	003376-30-5	59



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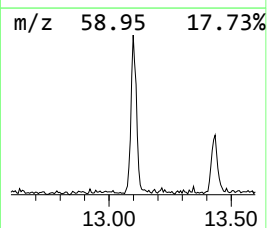
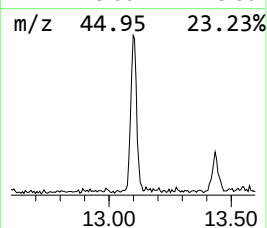
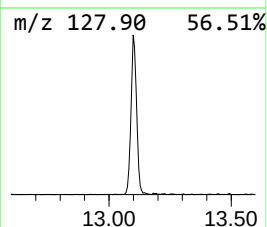
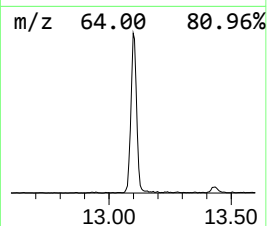
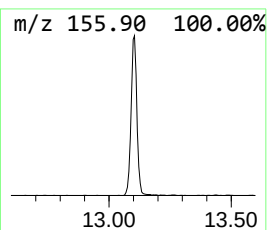
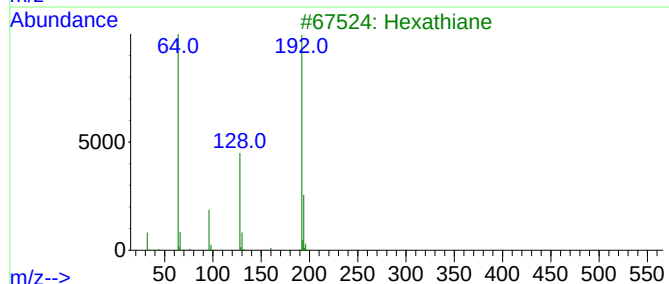
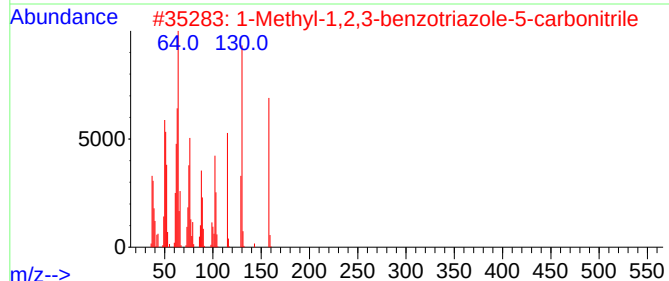
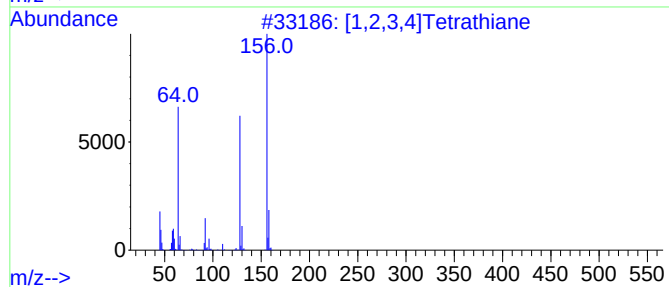
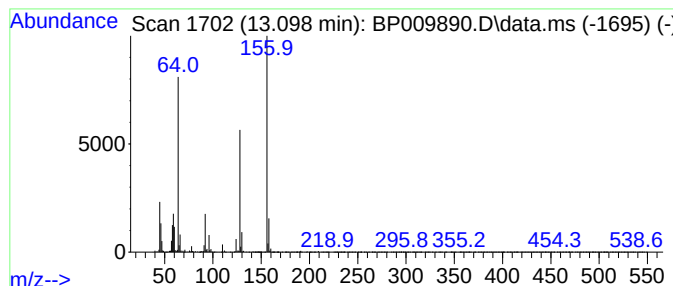
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 [1,2,3,4]Tetrathiane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.099	2.68 ng/ul	258705	Acenaphthene-d10	14.587

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[1,2,3,4]Tetrathiane	156	C2H4S4	000290-81-3	95
2			1-Methyl-1,2,3-benzotriazole-5-c...	158	C8H6N4	1000435-82-2	52
3			Hexathiane	192	S6	013798-23-7	42
4			7-Amino-7H-S-triazolo[5,1-c]-S-t...	156	C3H4N6S	013728-28-4	40
5			Ethyl trifluoromethyl trisulfide	194	C3H5F3S3	055882-01-4	36



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Acq On : 16 Apr 2022 08:26
Operator : CG/JU
Sample : N2421-16
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0J76

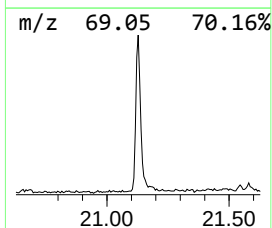
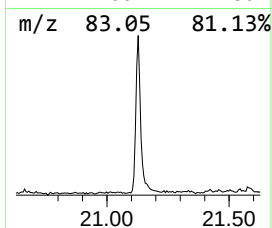
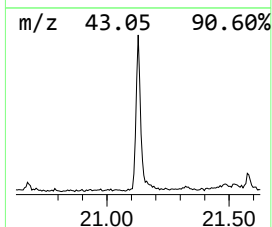
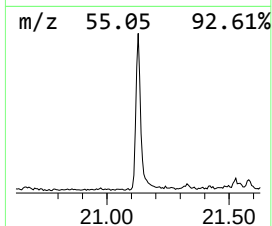
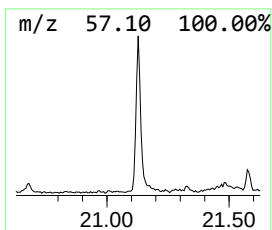
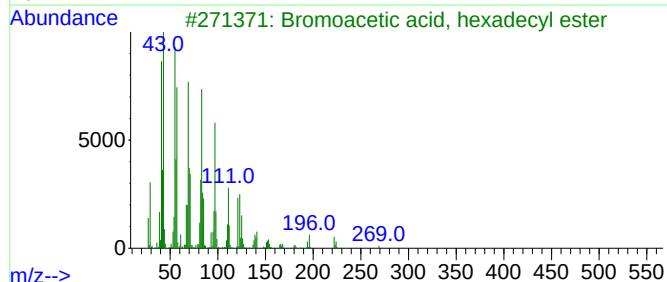
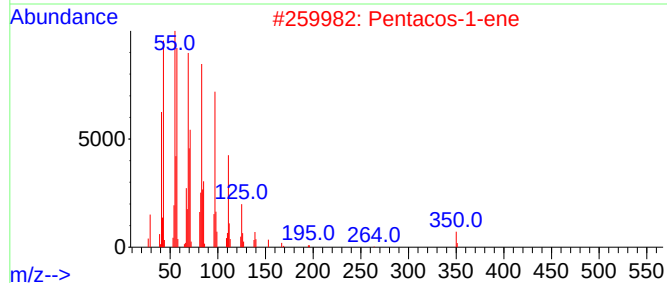
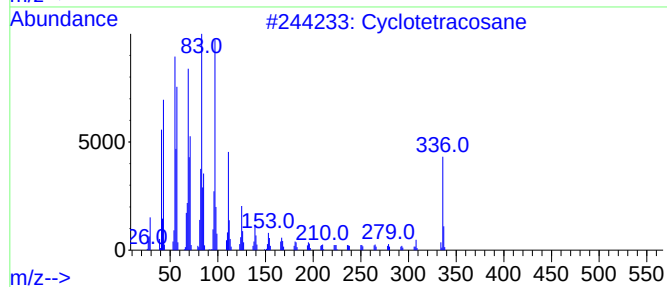
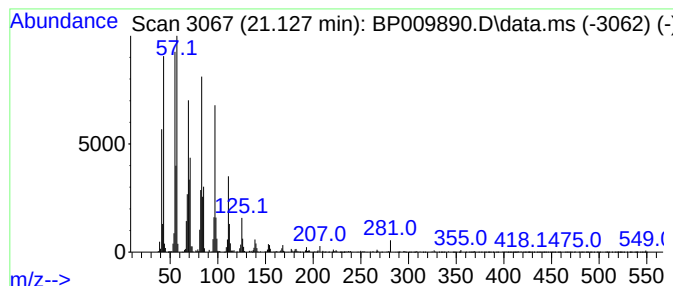
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.128 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.128	3.88 ng/ul	543654	Chrysene-d12	21.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetracosane	336	C24H48	000297-03-0	96
2			Pentacos-1-ene	350	C25H50	016980-85-1	94
3			Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
4			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041522\
Data File : BP009890.D
Acq On : 16 Apr 2022 08:26
Operator : CG/JU
Sample : N2421-16
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0J76

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	3.123	11.3	ng/ul	473052	1	7.958	840916	20.0
Cyclohexane, is...	11.475	5.2	ng/ul	333518	2	10.763	1278730	20.0
[1,2,3,4]Tetrat...	13.099	2.7	ng/ul	258705	3	14.587	1927050	20.0
(DEL) Alkane: C...	21.128	3.9	ng/ul	543654	5	21.416	2798870	20.0