

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022522\
 Data File : BN018745.D
 Acq On : 26 Feb 2022 00:15
 Operator : CG/JU
 Sample : N1656-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGQ23

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_N\Methods\SFAM-EPA-BN021622.M
 Title : SVOA CALIBRATION

Signal : TIC: BN018745.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	3	5	22	rVB	1334799	1666373	37.15%	3.264%
2	3.257	41	46	54	rBV2	207866	395043	8.81%	0.774%
3	3.316	54	56	63	rVB	35222	44846	1.00%	0.088%
4	3.452	76	79	84	rVB	40951	52964	1.18%	0.104%
5	3.710	120	123	132	rBV	71393	112741	2.51%	0.221%
6	4.057	178	182	187	rVB	14137	19583	0.44%	0.038%
7	4.599	265	274	287	rBV	1626424	2395778	53.42%	4.692%
8	4.993	336	341	344	rBV4	11071	16321	0.36%	0.032%
9	6.528	596	602	607	rBV	12608	21635	0.48%	0.042%
10	6.916	661	668	674	rBV	18195	30705	0.68%	0.060%
11	7.057	686	692	703	rVB2	250478	466300	10.40%	0.913%
12	7.151	703	708	714	rVB9	7014	16833	0.38%	0.033%
13	7.228	714	721	730	rBV	751708	1220110	27.20%	2.390%
14	7.293	730	732	738	rVB	12220	18133	0.40%	0.036%
15	7.434	749	756	766	rBV	804200	1282157	28.59%	2.511%
16	7.910	829	837	844	rBV	804160	1243354	27.72%	2.435%
17	7.975	844	848	857	rVV2	13752	21842	0.49%	0.043%
18	8.151	872	878	885	rBV5	9550	20181	0.45%	0.040%
19	8.610	949	956	965	rBV	633034	1002363	22.35%	1.963%
20	9.063	1026	1033	1043	rBV	856870	1388688	30.96%	2.720%
21	9.522	1105	1111	1117	rVB	29362	47280	1.05%	0.093%
22	9.792	1149	1157	1165	rBV	683588	1097149	24.46%	2.149%
23	10.328	1241	1248	1260	rBV	993638	1671521	37.27%	3.274%
24	10.487	1270	1275	1285	rVV	33030	65944	1.47%	0.129%
25	10.716	1306	1314	1322	rBV	999264	1639387	36.55%	3.211%
26	10.845	1327	1336	1341	rBV3	15671	30674	0.68%	0.060%
27	12.016	1531	1535	1541	rVB2	12430	19250	0.43%	0.038%
28	12.145	1551	1557	1562	rBV5	10203	16776	0.37%	0.033%
29	12.233	1562	1572	1579	rVV	289001	447714	9.98%	0.877%
30	12.304	1579	1584	1593	rVB	22011	39368	0.88%	0.077%
31	13.380	1762	1767	1776	rVB	39762	56081	1.25%	0.110%
32	13.945	1857	1863	1869	rBV	1826965	2491903	55.56%	4.881%
33	13.998	1869	1872	1876	rVV4	12098	16809	0.37%	0.033%
34	14.192	1900	1905	1907	rBV5	26180	41320	0.92%	0.081%
35	14.239	1907	1913	1925	rVB	2051518	2981775	66.48%	5.840%
36	14.451	1945	1949	1954	rVB2	33629	43894	0.98%	0.086%

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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_N\Methods\SFAM-EPA-BN021622.M
 Title : SVOA CALIBRATION

37	14.545	1958	1965	1975	rBV	1321827	1948449	43.44%	3.816%
38	14.722	1988	1995	2001	rBV	137246	223495	4.98%	0.438%
39	15.174	2068	2072	2078	rVB	25377	36641	0.82%	0.072%
40	15.345	2096	2101	2106	rBV2	32426	53297	1.19%	0.104%
41	15.398	2106	2110	2114	rVB	35453	43608	0.97%	0.085%
42	15.533	2126	2133	2145	rBV	2657746	3747113	83.55%	7.339%
43	15.639	2145	2151	2165	rBV	726438	997006	22.23%	1.953%
44	15.745	2165	2169	2172	rBV	25879	36520	0.81%	0.072%
45	15.892	2189	2194	2198	rVB3	16696	23533	0.52%	0.046%
46	15.951	2198	2204	2208	rBV3	13802	18090	0.40%	0.035%
47	16.022	2211	2216	2222	rBV5	11393	18826	0.42%	0.037%
48	16.080	2222	2226	2228	rBV4	9623	13605	0.30%	0.027%
49	16.174	2237	2242	2245	rBV4	14054	21023	0.47%	0.041%
50	16.216	2245	2249	2253	rBV2	22383	34051	0.76%	0.067%
51	16.257	2253	2256	2259	rBV	32569	36519	0.81%	0.072%
52	16.327	2264	2268	2273	rVB5	8899	14751	0.33%	0.029%
53	16.427	2280	2285	2289	rBV5	18937	28674	0.64%	0.056%
54	16.533	2299	2303	2306	rVB4	9190	12540	0.28%	0.025%
55	16.604	2308	2315	2318	rBV8	9170	19409	0.43%	0.038%
56	16.763	2338	2342	2345	rBV4	19761	24549	0.55%	0.048%
57	16.998	2379	2382	2385	rBV5	8779	11569	0.26%	0.023%
58	17.045	2385	2390	2393	rVV2	43060	73244	1.63%	0.143%
59	17.074	2393	2395	2397	rVV2	23062	25561	0.57%	0.050%
60	17.098	2397	2399	2404	rVB3	13216	19909	0.44%	0.039%
61	17.204	2411	2417	2422	rBV3	44178	58723	1.31%	0.115%
62	17.280	2424	2430	2440	rBV	1436686	2059224	45.91%	4.033%
63	17.380	2440	2447	2461	rVV2	2842243	4113430	91.71%	8.057%
64	17.568	2474	2479	2484	rBV	58269	94290	2.10%	0.185%
65	17.792	2513	2517	2519	rVB3	14834	16766	0.37%	0.033%
66	17.957	2540	2545	2550	rVB3	41817	60837	1.36%	0.119%
67	18.086	2560	2567	2572	rBV3	27166	65939	1.47%	0.129%
68	18.180	2579	2583	2590	rVV2	53656	91356	2.04%	0.179%
69	18.251	2590	2595	2600	rVV	160626	210969	4.70%	0.413%
70	18.292	2600	2602	2608	rVB7	8098	13377	0.30%	0.026%
71	18.480	2631	2634	2639	rBV4	22585	27239	0.61%	0.053%
72	18.610	2652	2656	2659	rBV2	21746	25550	0.57%	0.050%
73	18.698	2666	2671	2675	rBV	23439	43061	0.96%	0.084%
74	18.786	2682	2686	2690	rBV5	20608	32864	0.73%	0.064%
75	18.951	2710	2714	2720	rVB	49699	76659	1.71%	0.150%
76	19.039	2725	2729	2737	rVV	88511	134098	2.99%	0.263%

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021622.M
 Title : SVOA CALIBRATION

77	19.110	2737	2741	2750	rVB	41395	67099	1.50%	0.131%
78	19.239	2758	2763	2766	rBV3	41797	58557	1.31%	0.115%
79	19.274	2767	2769	2772	rVB2	16074	16603	0.37%	0.033%
80	19.310	2772	2775	2777	rBV	24700	27568	0.61%	0.054%
81	19.333	2777	2779	2781	rVV	16923	12271	0.27%	0.024%
82	19.457	2796	2800	2806	rBV5	22495	38877	0.87%	0.076%
83	19.586	2819	2822	2829	rVB	52345	71631	1.60%	0.140%
84	19.674	2830	2837	2847	rVV	3249970	4485056	100.00%	8.784%
85	19.774	2851	2854	2859	rVB2	26256	31475	0.70%	0.062%
86	20.098	2906	2909	2911	rBV3	13543	16500	0.37%	0.032%
87	20.280	2937	2940	2946	rBV	19907	27248	0.61%	0.053%
88	20.598	2988	2994	2999	rVB	27925	59078	1.32%	0.116%
89	20.674	3004	3007	3011	rVB3	34434	45454	1.01%	0.089%
90	20.804	3026	3029	3033	rBV	57471	67880	1.51%	0.133%
91	20.857	3033	3038	3045	rVV	85580	123564	2.76%	0.242%
92	20.915	3045	3048	3055	rVB2	38544	51496	1.15%	0.101%
93	21.168	3087	3091	3097	rBV	105362	130861	2.92%	0.256%
94	21.298	3109	3113	3120	rBV	93693	136893	3.05%	0.268%
95	21.357	3120	3123	3131	rVV2	40175	69126	1.54%	0.135%
96	21.462	3135	3141	3147	rBV	1580201	2057213	45.87%	4.029%
97	23.133	3421	3425	3430	rVB	38026	54795	1.22%	0.107%
98	23.703	3514	3522	3530	rBV2	2209883	4373612	97.52%	8.566%
99	23.856	3541	3548	3565	rVB2	1056795	2195359	48.95%	4.300%
100	24.480	3650	3654	3661	rVB5	42783	89393	1.99%	0.175%

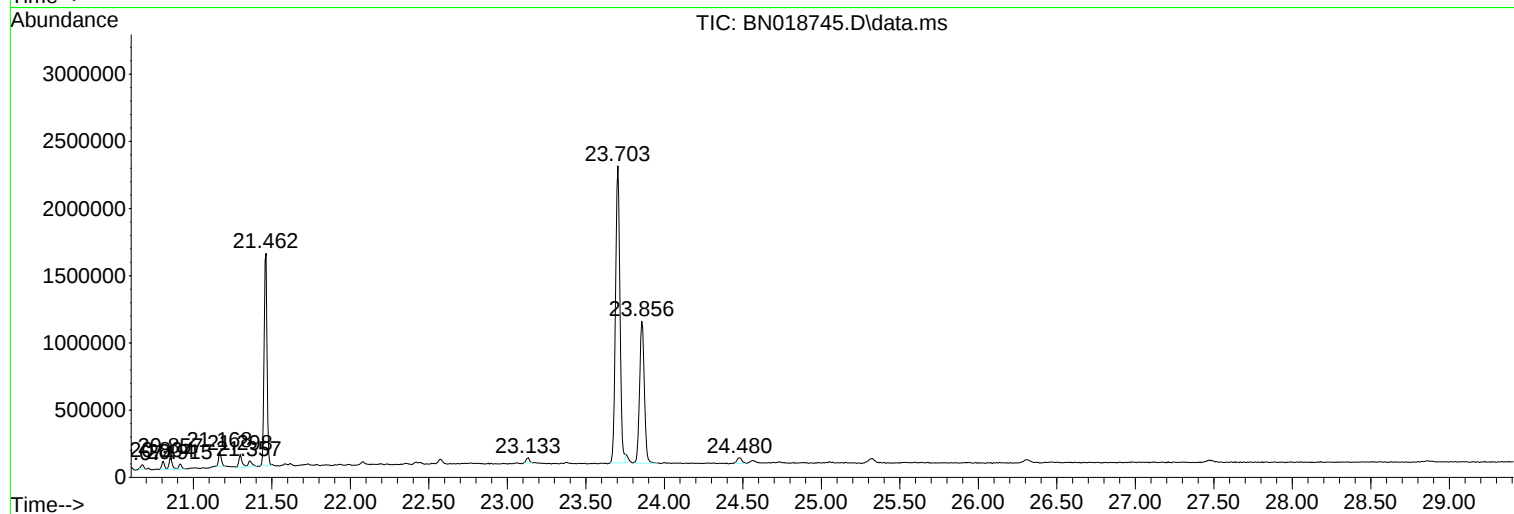
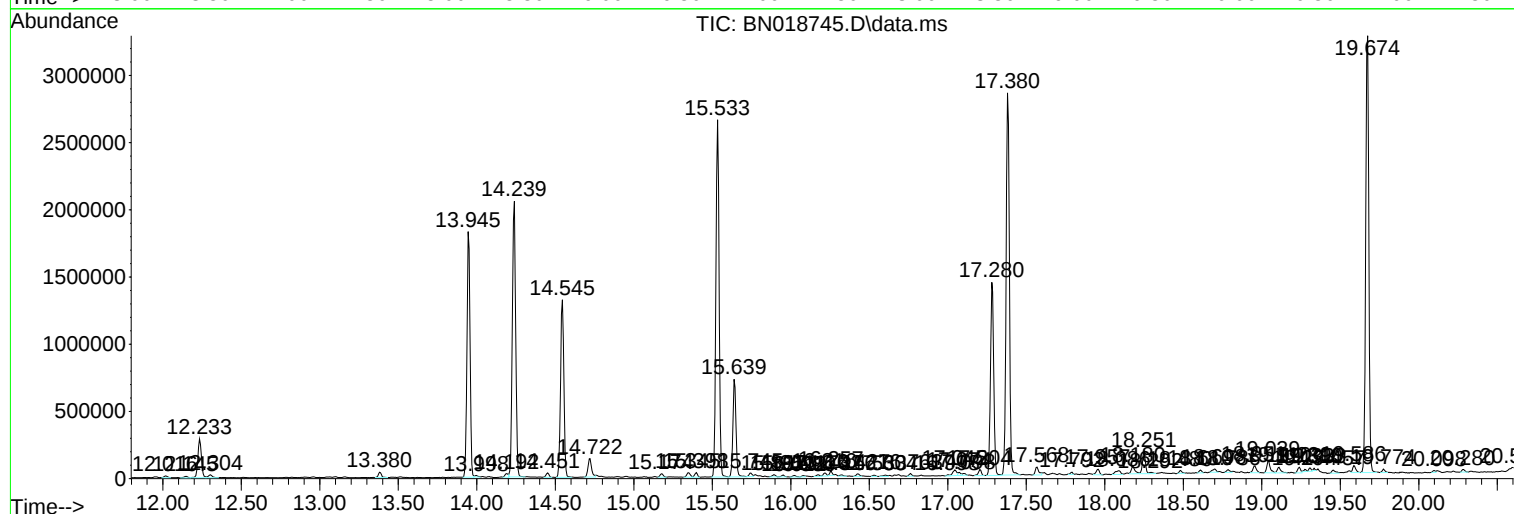
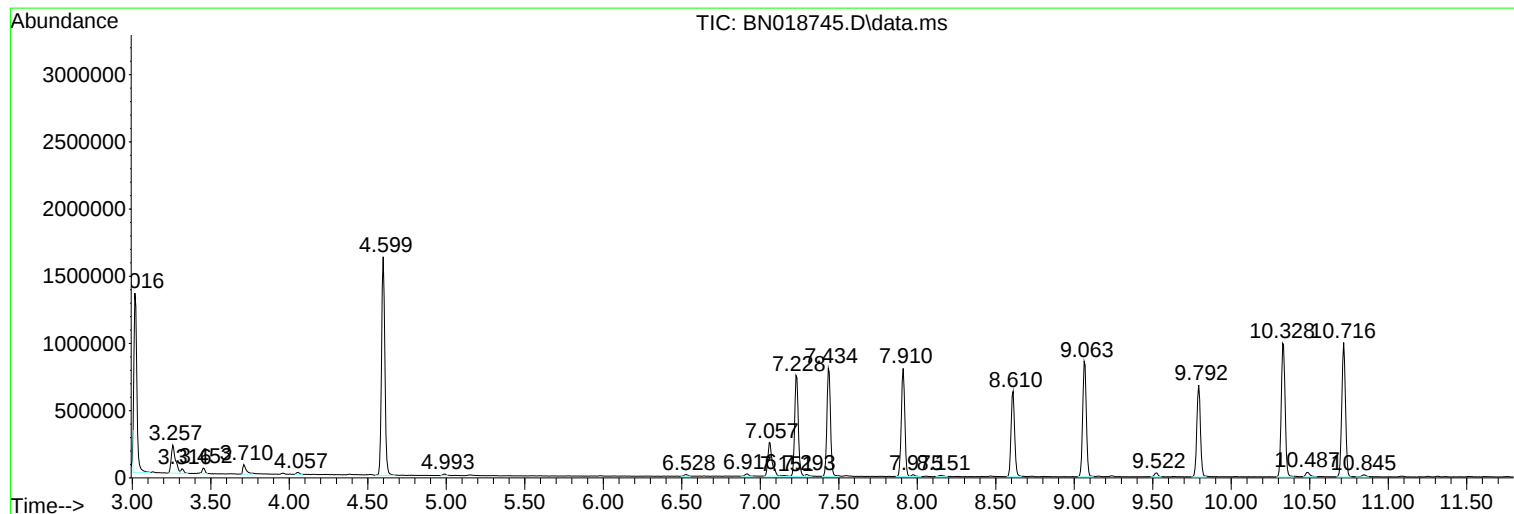
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021622.M
Quant Title : SVOA CALIBRATION

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



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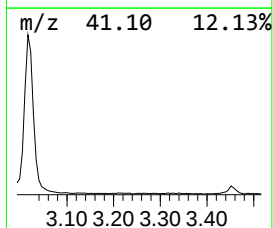
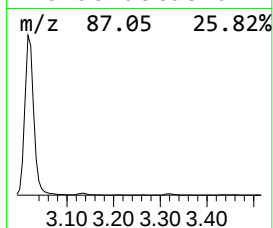
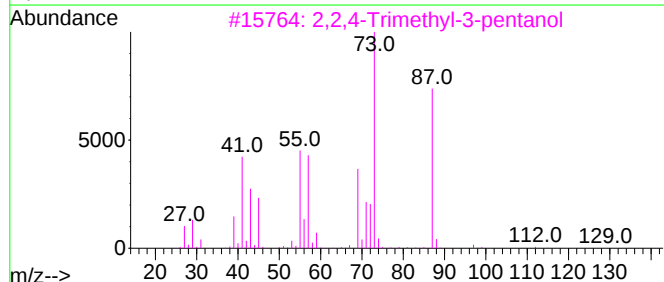
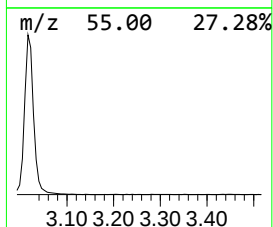
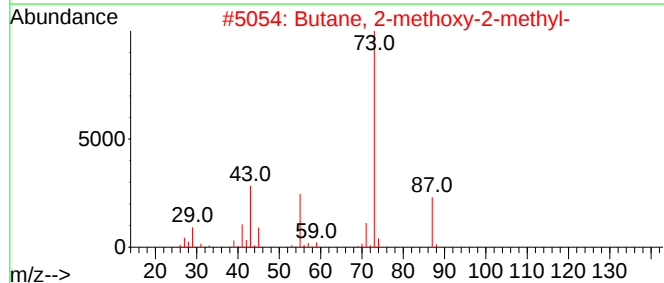
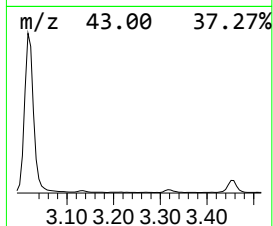
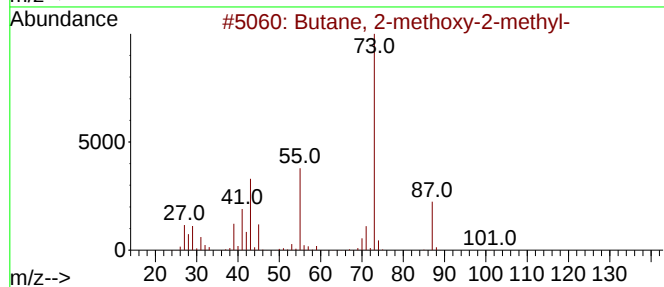
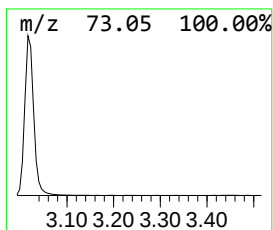
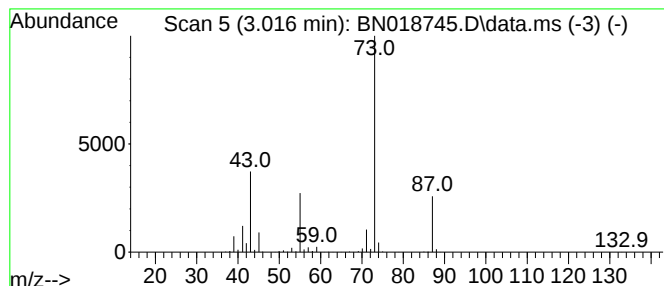
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021622.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.016	26.80 ng/ul	1666370	1,4-Dichlorobenzene-d4	7.910

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	78
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25



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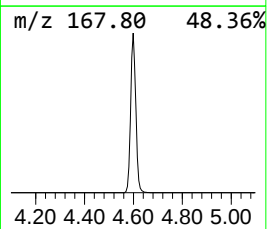
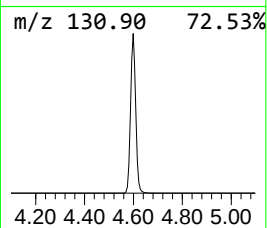
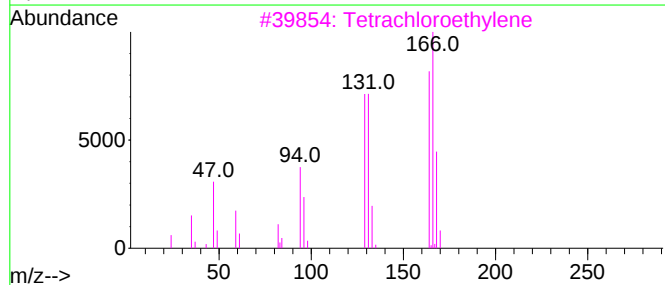
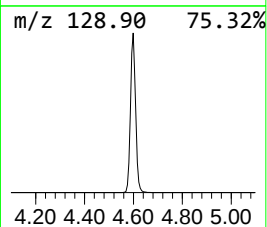
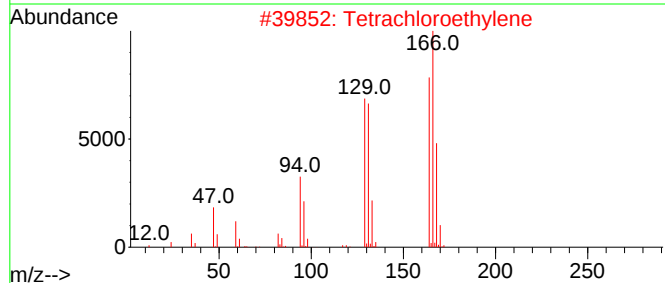
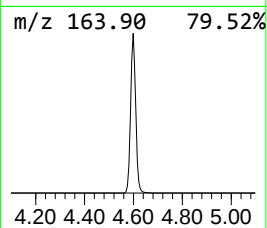
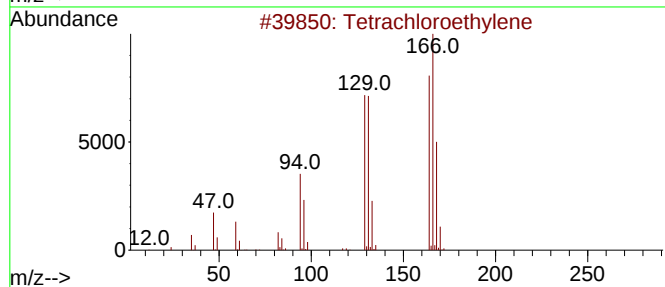
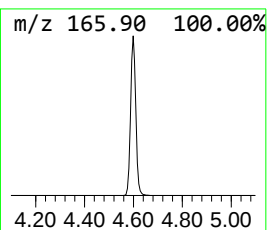
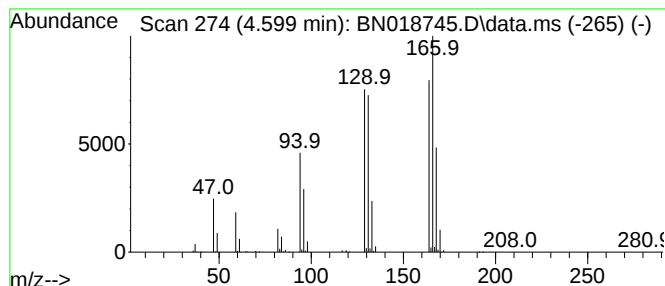
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021622.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.599	38.54 ng/ul	2395780	1,4-Dichlorobenzene-d4	7.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2			Tetrachloroethylene	164	C2Cl4	000127-18-4	98
3			Tetrachloroethylene	164	C2Cl4	000127-18-4	97
4			Tetrachloroethylene	164	C2Cl4	000127-18-4	97
5			Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HC12FN2	002927-71-1	35



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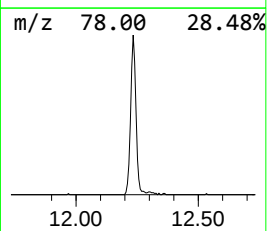
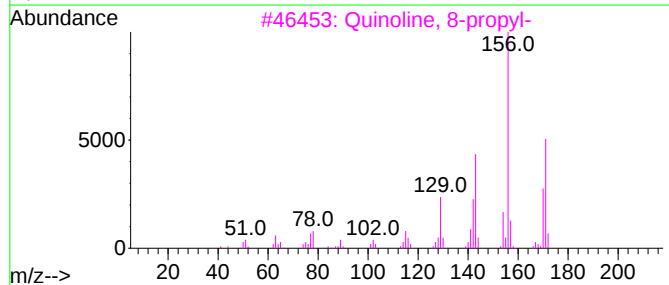
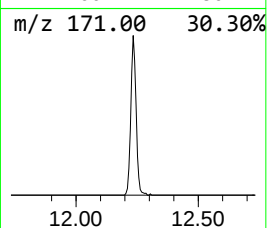
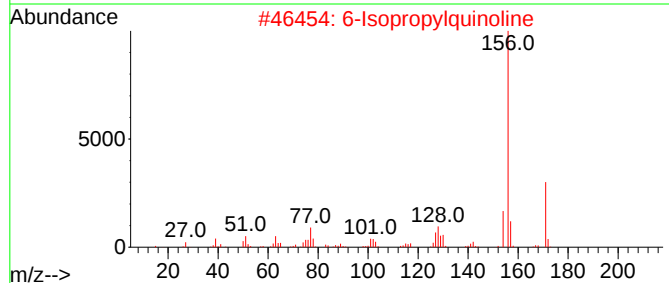
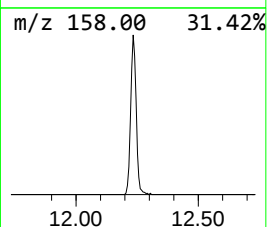
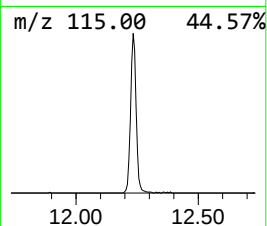
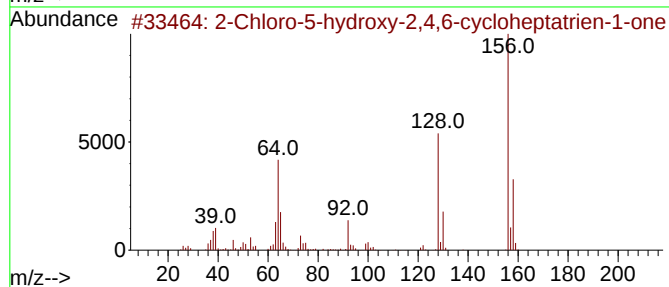
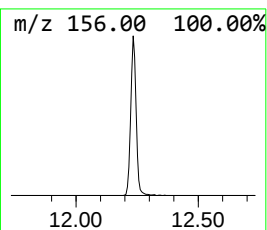
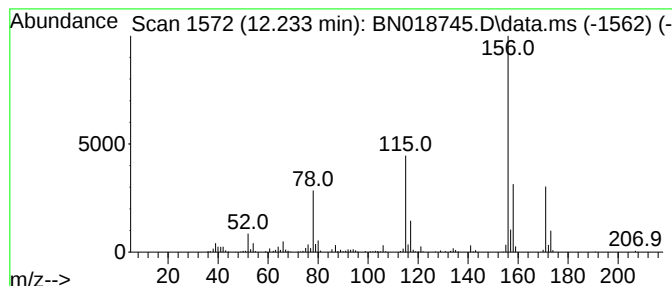
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.233	5.46 ng/ul	447714	Naphthalene-d8	10.716

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	43
2			6-Isopropylquinoline	171	C12H13N	000135-79-5	38
3			Quinoline, 8-propyl-	171	C12H13N	007661-53-2	38
4			1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
5			Cyclopentanone, O-(trimethylsilyl...	171	C8H17NOSi	026208-87-7	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022522\
Data File : BN018745.D
Acq On : 26 Feb 2022 00:15
Operator : CG/JU
Sample : N1656-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGQ23

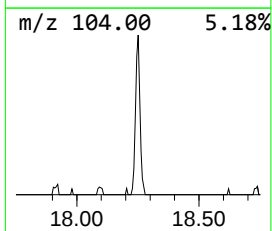
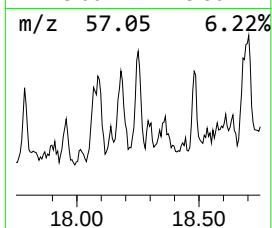
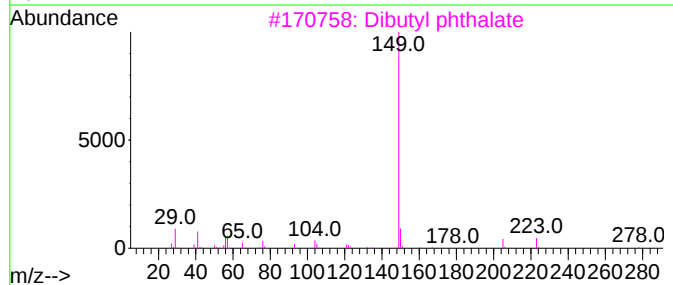
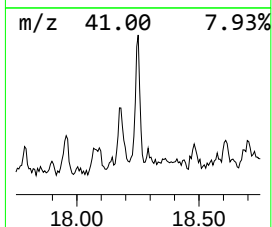
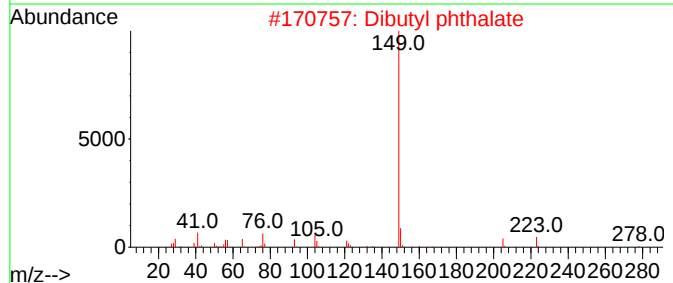
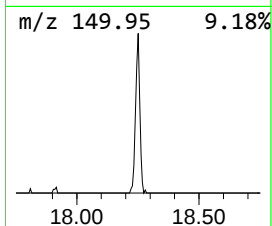
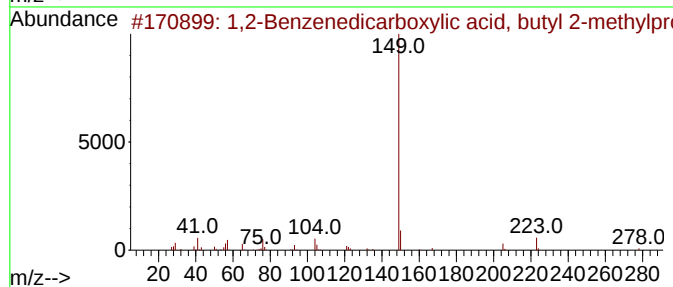
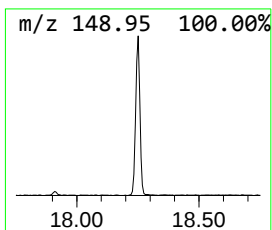
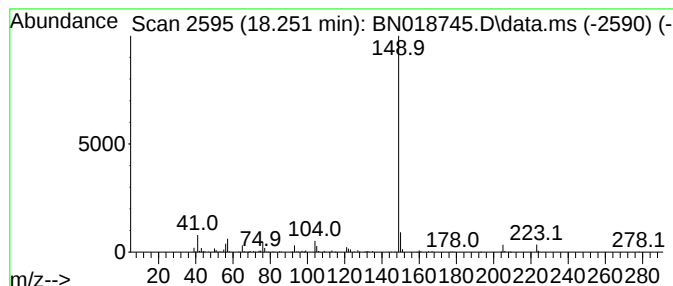
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021622.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 1,2-Benzenedicarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	2.05 ng/ul	210969	Phenanthrene-d10	17.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	97
2			Dibutyl phthalate	278	C16H22O4	000084-74-2	95
3			Dibutyl phthalate	278	C16H22O4	000084-74-2	91
4			1,4-Dibutyl benzene-1,4-dicarbox...	278	C16H22O4	001962-75-0	90
5			Phthalic acid, isobutyl 6-methyl...	334	C20H30O4	1000377-95-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022522\
Data File : BN018745.D
Acq On : 26 Feb 2022 00:15
Operator : CG/JU
Sample : N1656-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGQ23

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021622.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...	3.016	26.8	ng/ul	1666370	1	7.910	1243350	20.0
Tetrachloroethy...	4.599	38.5	ng/ul	2395780	1	7.910	1243350	20.0
unknown-01	12.233	5.5	ng/ul	447714	2	10.716	1639390	20.0
1,2-Benzenedica...	18.251	2.0	ng/ul	210969	4	17.280	2059220	20.0