

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
 Data File : BN012611.D
 Acq On : 19 Nov 2020 01:31
 Operator : CG/JU
 Sample : L4753-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBGH1

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_N\METHODS\SOM-EPA-BN102220.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	2.634	21	25	35	rBV	247584	436080	7.68%	0.916%
2	2.717	35	39	55	rVB	883453	1126973	19.85%	2.367%
3	2.975	80	83	90	rVB	50350	68615	1.21%	0.144%
4	3.593	185	188	192	rVB3	6403	9065	0.16%	0.019%
5	3.681	201	203	204	rBV2	8753	6207	0.11%	0.013%
6	6.634	697	705	715	rBV	160808	269388	4.74%	0.566%
7	6.799	725	733	745	rBV	536726	886115	15.60%	1.861%
8	6.981	757	764	774	rBV	675590	1045534	18.41%	2.196%
9	7.446	836	843	853	rBV	617806	969030	17.07%	2.035%
10	8.158	958	964	978	rBV	447876	720065	12.68%	1.512%
11	8.593	1032	1038	1049	rBV	730249	1226317	21.60%	2.576%
12	8.757	1063	1066	1073	rBV7	3219	7428	0.13%	0.016%
13	9.022	1106	1111	1116	rBV2	15353	21858	0.38%	0.046%
14	9.310	1153	1160	1174	rBV	670597	1100473	19.38%	2.311%
15	9.840	1243	1250	1261	rBV	873965	1442397	25.40%	3.030%
16	10.210	1306	1313	1321	rBV	817959	1308457	23.04%	2.748%
17	10.363	1334	1339	1347	rBV2	46073	90722	1.60%	0.191%
18	11.504	1526	1533	1537	rBV2	13385	17386	0.31%	0.037%
19	11.816	1581	1586	1591	rBV2	10721	17377	0.31%	0.036%
20	12.445	1687	1693	1696	rBV3	5033	7014	0.12%	0.015%
21	12.704	1733	1737	1741	rBV5	6588	9766	0.17%	0.021%
22	13.004	1783	1788	1795	rVB3	19210	30011	0.53%	0.063%
23	13.522	1870	1876	1881	rBV	1794893	2449098	43.13%	5.144%
24	13.569	1881	1884	1896	rVB	170641	236628	4.17%	0.497%
25	13.793	1915	1922	1934	rBV	1890555	2815874	49.59%	5.914%
26	14.104	1969	1975	1984	rBV	1219410	1769763	31.17%	3.717%
27	14.322	2007	2012	2030	rBV	97715	211279	3.72%	0.444%
28	14.540	2048	2049	2056	rVB5	5127	9062	0.16%	0.019%
29	14.928	2109	2115	2116	rBV4	4998	6889	0.12%	0.014%
30	15.104	2138	2145	2159	rBV	2464849	3440119	60.58%	7.226%
31	15.234	2161	2167	2180	rVV	1155523	1580697	27.84%	3.320%
32	15.345	2182	2186	2192	rVB2	29125	41210	0.73%	0.087%
33	15.845	2267	2271	2275	rBV5	5267	7715	0.14%	0.016%
34	15.892	2275	2279	2285	rVB6	8827	14304	0.25%	0.030%

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35	16.016	2294	2300	2304	rBV6	6421	11359	0.20%	0.024%
36	16.369	2355	2360	2363	rVB4	6631	8841	0.16%	0.019%
37	16.528	2385	2387	2394	rVB3	5052	7383	0.13%	0.016%
38	16.639	2404	2406	2414	rVB6	8485	10047	0.18%	0.021%
39	16.798	2430	2433	2436	rBV3	3557	6178	0.11%	0.013%
40	16.857	2436	2443	2453	rVV	1449254	2093639	36.87%	4.397%
41	16.951	2453	2459	2472	rVV	3111531	4473474	78.78%	9.396%
42	17.769	2592	2598	2606	rBV	147731	224844	3.96%	0.472%
43	17.839	2606	2610	2615	rVB	20389	32042	0.56%	0.067%
44	18.375	2698	2701	2704	rVB5	4678	6685	0.12%	0.014%
45	18.522	2724	2726	2733	rVB8	7190	12114	0.21%	0.025%
46	18.580	2733	2736	2738	rBV4	4682	6731	0.12%	0.014%
47	18.716	2756	2759	2761	rBV4	6472	7439	0.13%	0.016%
48	18.892	2785	2789	2792	rBV	29368	37889	0.67%	0.080%
49	18.939	2795	2797	2800	rBV4	7852	9269	0.16%	0.019%
50	19.069	2815	2819	2828	rVV4	65482	95570	1.68%	0.201%
51	19.145	2828	2832	2836	rVV	30862	37722	0.66%	0.079%
52	19.263	2846	2852	2861	rBV	3958654	5172245	91.09%	10.864%
53	19.810	2941	2945	2947	rBV5	17532	21361	0.38%	0.045%
54	20.186	3007	3009	3010	rBV2	11376	8010	0.14%	0.017%
55	20.798	3109	3113	3120	rBV2	320409	476406	8.39%	1.001%
56	20.863	3121	3124	3131	rVB	110714	149887	2.64%	0.315%
57	21.063	3153	3158	3167	rBV	1925007	2520136	44.38%	5.293%
58	21.192	3177	3180	3184	rVB2	82429	101085	1.78%	0.212%
59	21.663	3257	3260	3267	rBV5	74696	112975	1.99%	0.237%
60	22.098	3331	3334	3337	rVB2	123970	139538	2.46%	0.293%
61	22.569	3411	3414	3420	rVB2	153683	196596	3.46%	0.413%
62	23.051	3490	3496	3502	rBV	3361952	5678407	100.00%	11.927%
63	23.186	3513	3519	3526	rVB2	1431080	2553045	44.96%	5.362%

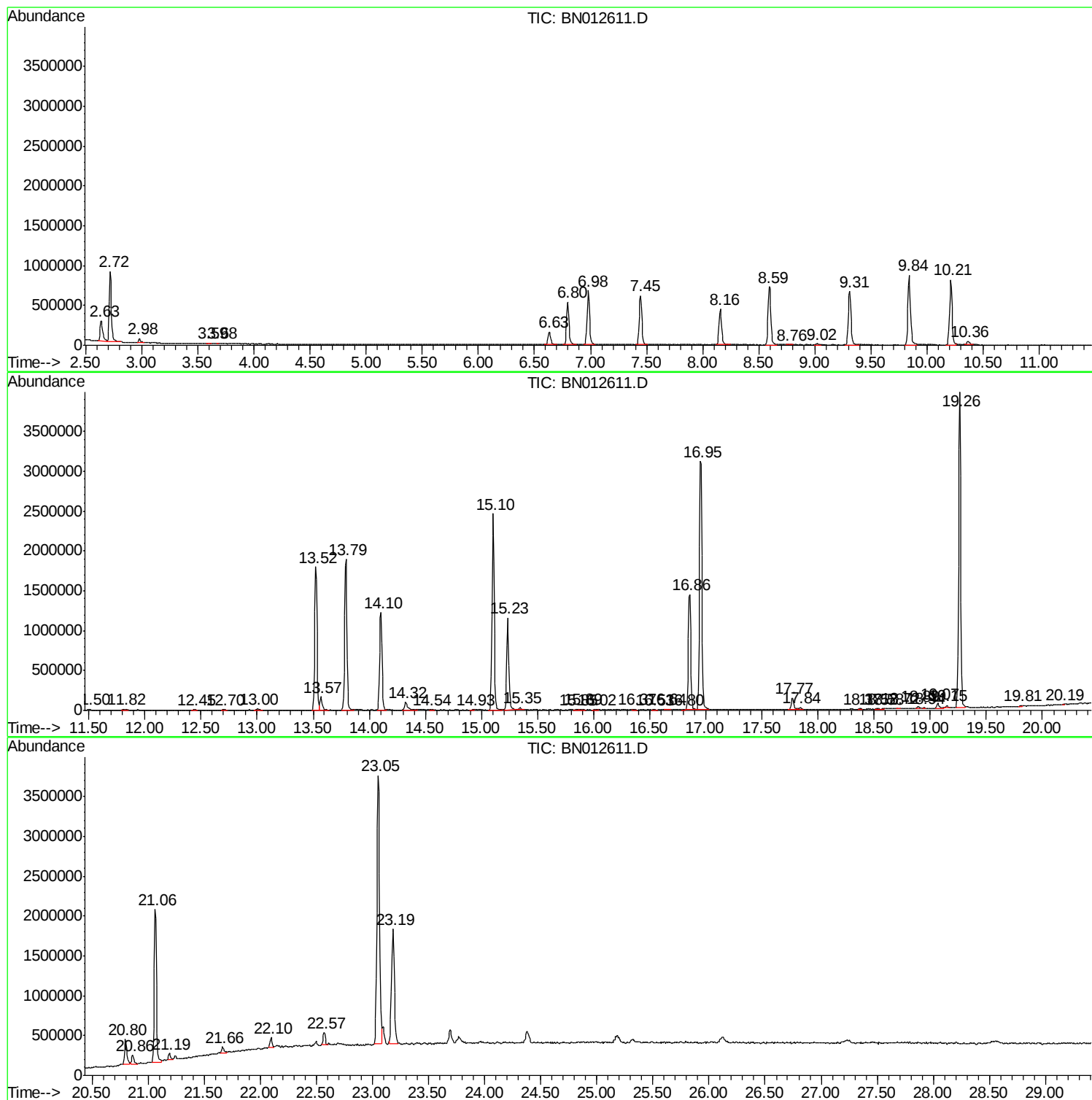
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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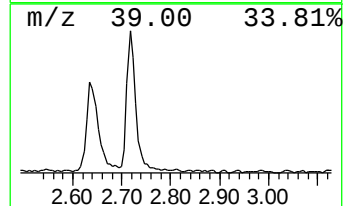
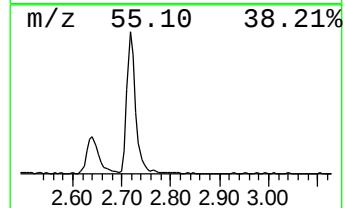
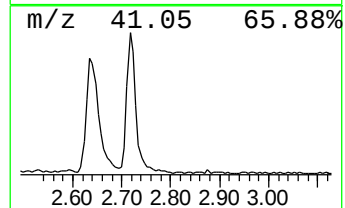
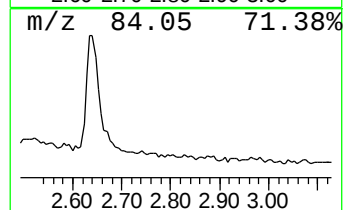
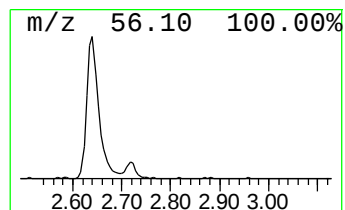
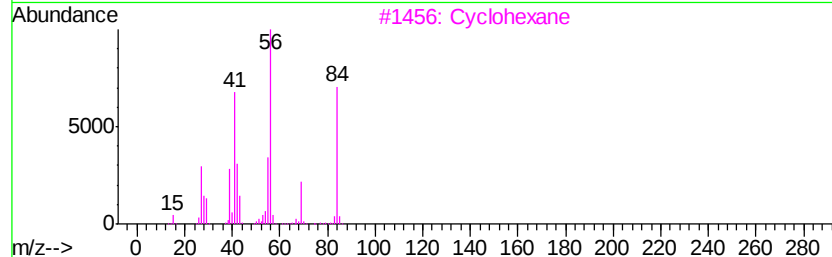
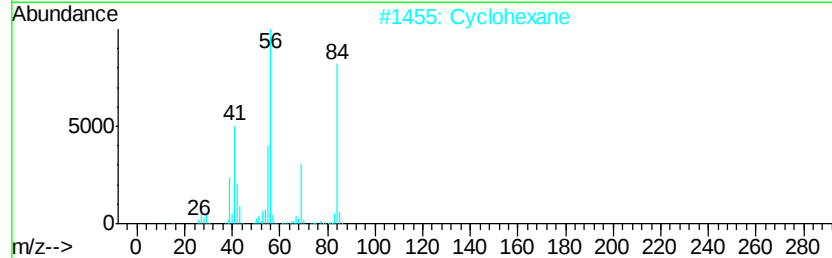
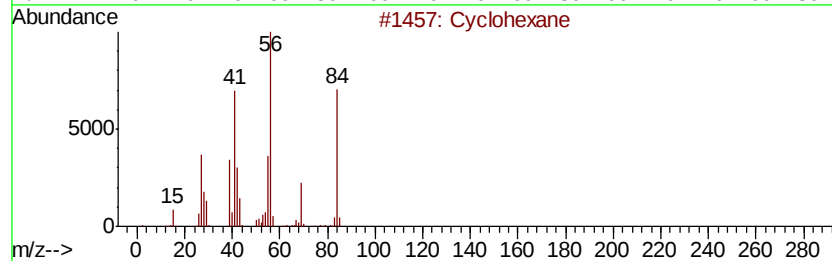
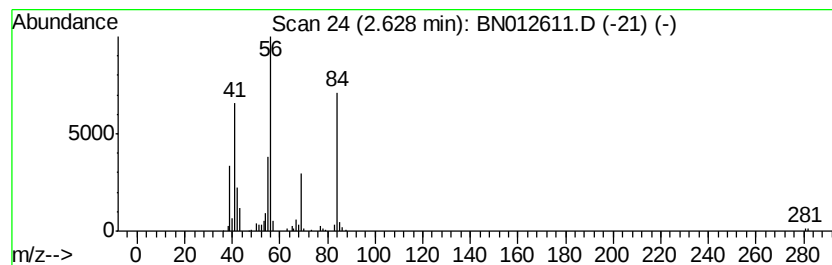
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic2.63 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.63	9.00 ng/ul	436080	1,4-Dichlorobenzene-d4	7.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane	84	C6H12	000110-82-7	91
2			Cyclohexane	84	C6H12	000110-82-7	91
3			Cyclohexane	84	C6H12	000110-82-7	90
4			Cyclohexane	84	C6H12	000110-82-7	87
5			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72



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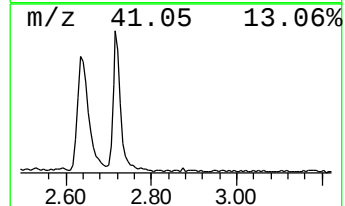
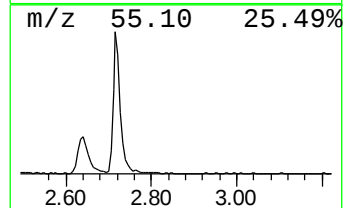
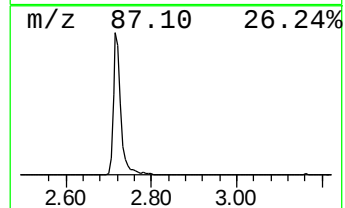
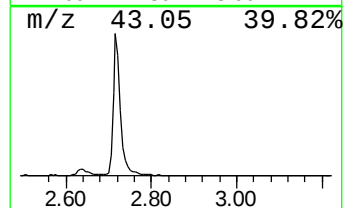
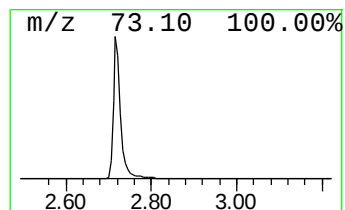
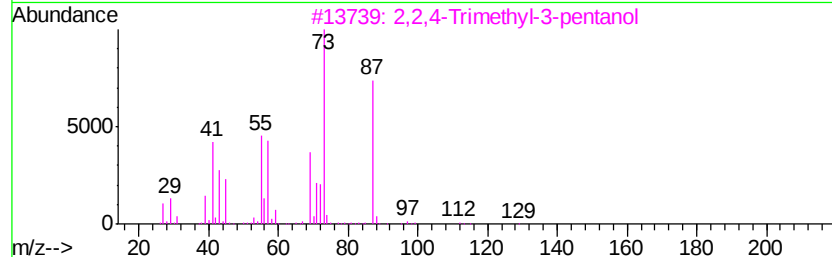
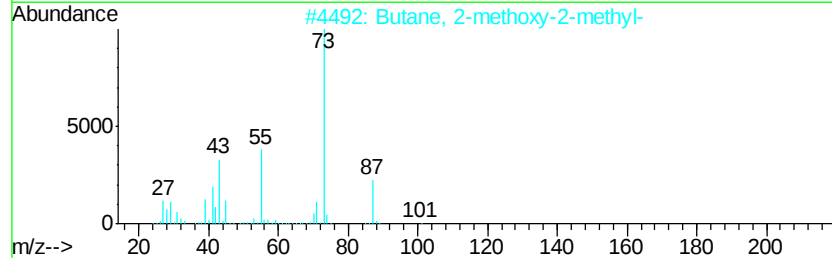
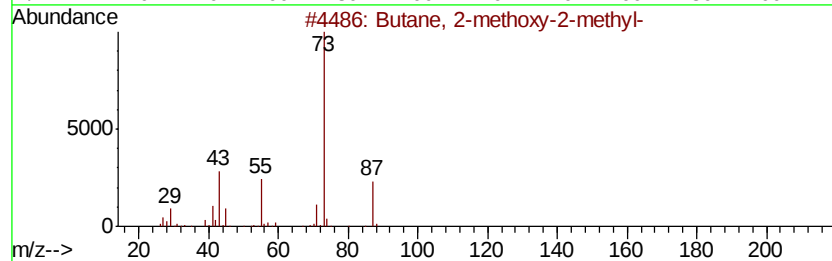
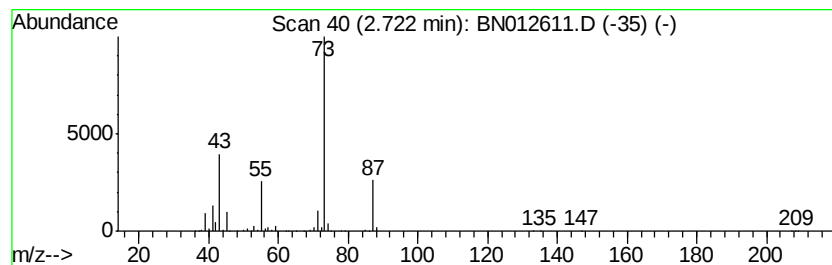
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	23.26 ng/ul	1126970	1,4-Dichlorobenzene-d4	7.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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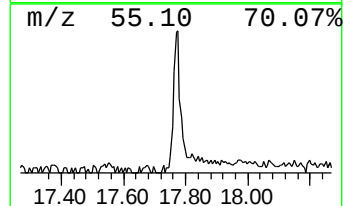
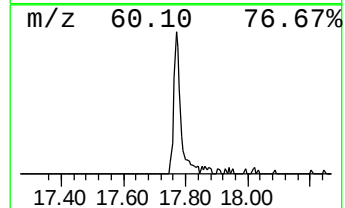
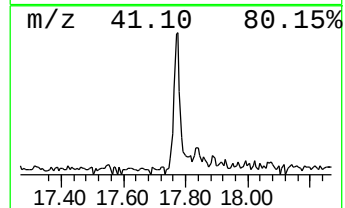
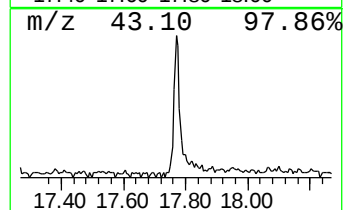
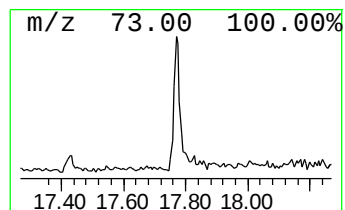
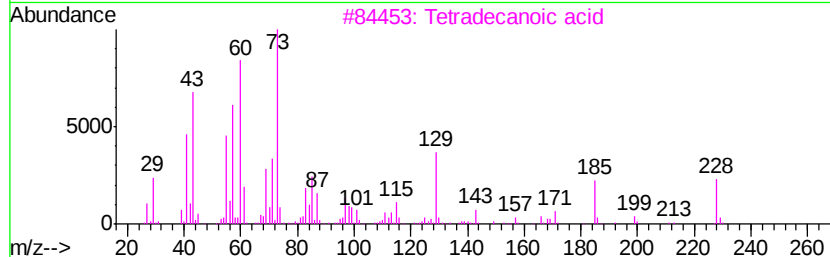
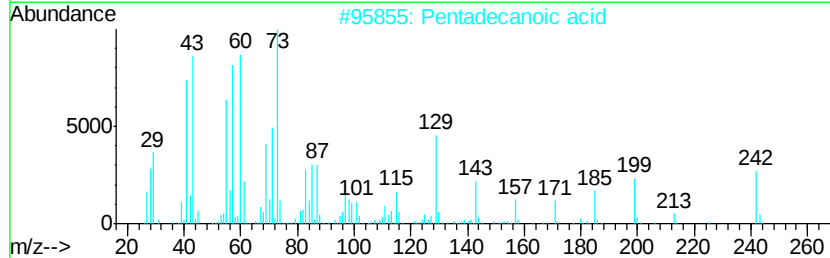
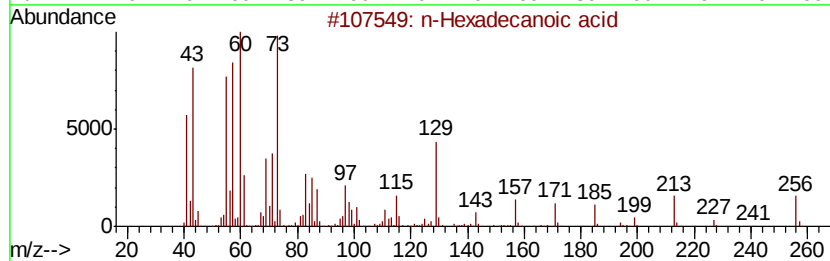
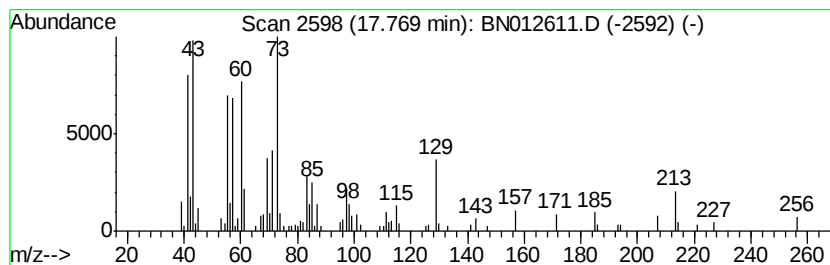
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	2.15 ng/ul	224844	Phenanthrene-d10	16.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	52



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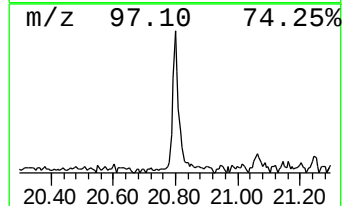
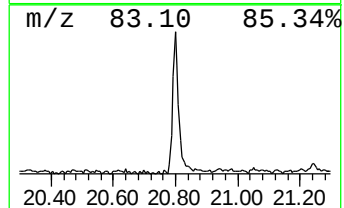
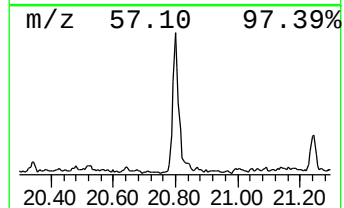
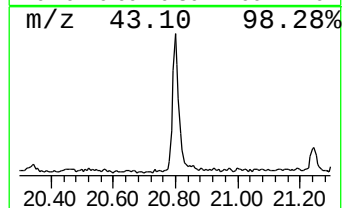
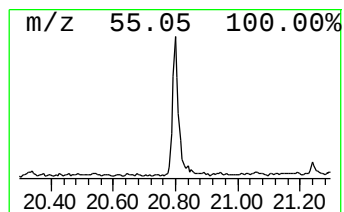
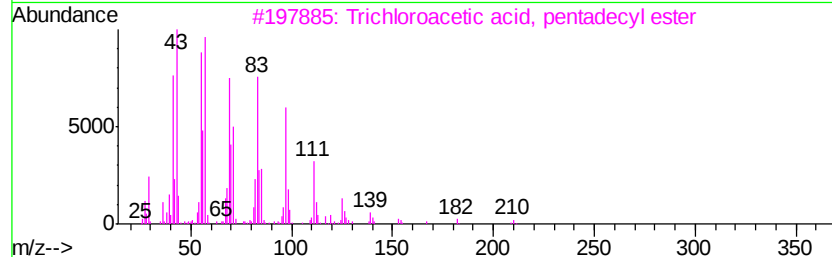
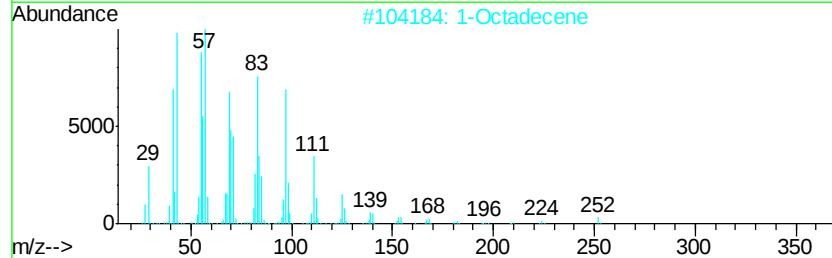
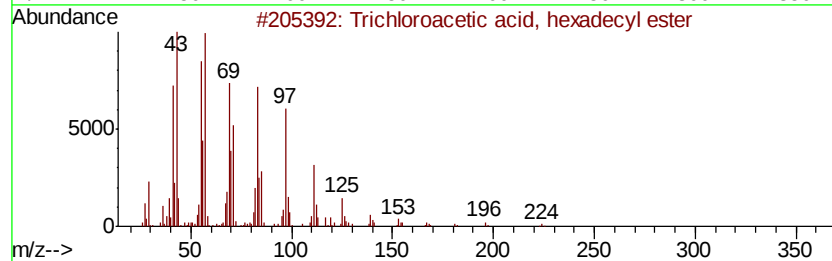
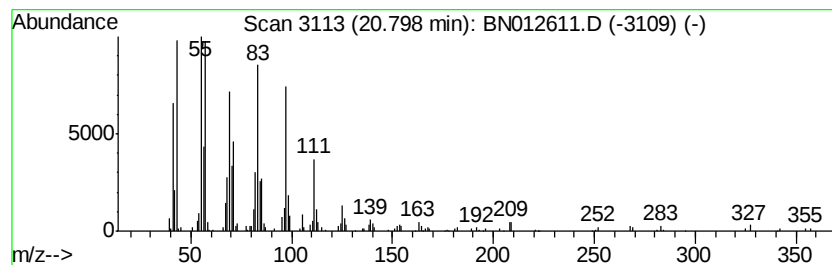
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	3.78 ng/ul	476406	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		1-Octadecene	252	C18H36	000112-88-9	93
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
4		Cyclotetracosane	336	C24H48	000297-03-0	91
5		1-Tricosene	322	C23H46	018835-32-0	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	2.63	9.0	ng/ul	436080	1	7.45	969030	20.0
Butane, 2-methoxy...	2.72	23.3	ng/ul	1126970	1	7.45	969030	20.0
n-Hexadecanoic acid	17.77	2.1	ng/ul	224844	4	16.86	2093640	20.0
Trichloroacetic a...	20.80	3.8	ng/ul	476406	5	21.06	2520140	20.0