

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
 Data File : BN000637.D
 Acq On : 27 Mar 2018 01:02
 Operator : JU/SJ
 Sample : J1986-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEJ4

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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	3.584	20	25	32	rVB	36935	51189	1.55%	0.126%
2	4.061	102	106	112	rVB3	5125	9918	0.30%	0.024%
3	4.166	119	124	131	rVV	22401	32467	0.98%	0.080%
4	4.296	142	146	154	rVB	5274	10075	0.30%	0.025%
5	4.408	161	165	174	rVB	4937	9397	0.28%	0.023%
6	5.402	327	334	343	rBV	139520	208442	6.29%	0.514%
7	6.413	500	506	514	rBV	10104	14918	0.45%	0.037%
8	7.472	681	686	691	rVB	9115	12828	0.39%	0.032%
9	7.549	691	699	712	rBV	576296	1023209	30.89%	2.523%
10	7.713	720	727	736	rBV	546742	848903	25.63%	2.094%
11	7.931	757	764	772	rBV	617058	1012860	30.58%	2.498%
12	8.407	838	845	857	rVB	611015	997268	30.11%	2.459%
13	9.119	959	966	975	rBV	585585	958775	28.95%	2.365%
14	9.590	1039	1046	1055	rBV	608344	999481	30.18%	2.465%
15	9.678	1058	1061	1066	rVV2	4920	8005	0.24%	0.020%
16	9.943	1099	1106	1112	rVB	25206	34640	1.05%	0.085%
17	10.319	1162	1170	1179	rBV	487528	821216	24.79%	2.025%
18	10.866	1256	1263	1276	rBV	732979	1247389	37.66%	3.076%
19	11.248	1321	1328	1339	rVB	866183	1476612	44.58%	3.642%
20	11.378	1342	1350	1363	rBV	659258	1158989	34.99%	2.858%
21	12.807	1588	1593	1598	rVB	11814	18001	0.54%	0.044%
22	13.625	1727	1732	1734	rBV	5642	7610	0.23%	0.019%
23	13.819	1760	1765	1769	rBV	19541	26696	0.81%	0.066%
24	13.895	1769	1778	1782	rBV2	5789	10497	0.32%	0.026%
25	14.413	1860	1866	1871	rVV	1256880	1803251	54.44%	4.447%
26	14.460	1871	1874	1879	rVV	260659	342988	10.36%	0.846%
27	14.507	1879	1882	1889	rVB	8441	13634	0.41%	0.034%
28	14.584	1889	1895	1900	rBV	6781	9975	0.30%	0.025%
29	14.731	1912	1920	1931	rBV	1492112	2308344	69.69%	5.693%
30	14.878	1940	1945	1950	rVB	75848	94044	2.84%	0.232%
31	14.954	1953	1958	1963	rBV3	5232	10413	0.31%	0.026%
32	15.031	1964	1971	1978	rVV2	1213179	1878803	56.72%	4.634%
33	15.219	1996	2003	2013	rBV	412988	657367	19.85%	1.621%
34	15.313	2016	2019	2025	rVV4	10731	24351	0.74%	0.060%

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35	15.366	2025	2028	2033	rVV	12739	19984	0.60%	0.049%
36	15.425	2035	2038	2045	rVB2	9738	14222	0.43%	0.035%
37	15.489	2045	2049	2057	rBV5	15207	29845	0.90%	0.074%
38	15.554	2057	2060	2065	rBV2	8228	11671	0.35%	0.029%
39	15.778	2093	2098	2101	rBV	25850	34739	1.05%	0.086%
40	15.819	2101	2105	2110	rVB	100560	118674	3.58%	0.293%
41	15.878	2111	2115	2119	rBV5	5244	8393	0.25%	0.021%
42	16.013	2131	2138	2149	rVB	1795820	2705369	81.68%	6.672%
43	16.125	2152	2157	2166	rBV	390522	565978	17.09%	1.396%
44	16.219	2166	2173	2175	rBV2	21651	39809	1.20%	0.098%
45	16.313	2186	2189	2194	rVB3	7751	9708	0.29%	0.024%
46	16.372	2195	2199	2202	rBV3	8937	11763	0.36%	0.029%
47	16.442	2207	2211	2217	rVB3	12331	16833	0.51%	0.042%
48	16.630	2238	2243	2246	rBV4	5278	7979	0.24%	0.020%
49	16.672	2246	2250	2257	rBV	79589	128324	3.87%	0.316%
50	16.860	2279	2282	2291	rVB5	10469	21795	0.66%	0.054%
51	16.936	2291	2295	2296	rBV3	7951	11069	0.33%	0.027%
52	17.013	2305	2308	2312	rBV3	6639	10833	0.33%	0.027%
53	17.072	2315	2318	2322	rVB2	8695	12341	0.37%	0.030%
54	17.130	2322	2328	2333	rBV6	9849	19513	0.59%	0.048%
55	17.272	2348	2352	2359	rVB3	20953	29548	0.89%	0.073%
56	17.342	2359	2364	2370	rVB5	5183	8198	0.25%	0.020%
57	17.460	2378	2384	2389	rBV3	54898	87028	2.63%	0.215%
58	17.507	2389	2392	2396	rVV2	14816	24012	0.72%	0.059%
59	17.542	2396	2398	2402	rVV3	8617	10842	0.33%	0.027%
60	17.754	2422	2434	2440	rBV	1523714	2191293	66.16%	5.404%
61	17.795	2440	2441	2444	rVV	16804	11506	0.35%	0.028%
62	17.854	2444	2451	2460	rVB	1936981	2813376	84.94%	6.938%
63	18.083	2484	2490	2501	rBV6	27338	72137	2.18%	0.178%
64	18.189	2504	2508	2512	rBV	35014	39906	1.20%	0.098%
65	18.336	2530	2533	2535	rBV4	6827	8266	0.25%	0.020%
66	18.366	2535	2538	2542	rVB2	23089	26438	0.80%	0.065%
67	18.436	2546	2550	2553	rBV	9777	12857	0.39%	0.032%
68	18.589	2571	2576	2586	rBV	210457	338017	10.21%	0.834%
69	18.666	2586	2589	2595	rVB	16360	26141	0.79%	0.064%
70	18.819	2612	2615	2617	rVB3	7373	8061	0.24%	0.020%
71	18.872	2619	2624	2629	rVV	137716	167159	5.05%	0.412%

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72	18.907	2629	2630	2634	rVV3	8545	9108	0.27%	0.022%
73	18.966	2636	2640	2643	rVV4	9837	17883	0.54%	0.044%
74	18.995	2643	2645	2649	rVB4	10435	11141	0.34%	0.027%
75	19.430	2715	2719	2725	rBV5	28728	57206	1.73%	0.141%
76	19.489	2725	2729	2730	rVV	26719	31591	0.95%	0.078%
77	19.513	2730	2733	2737	rVB2	68678	73635	2.22%	0.182%
78	19.642	2750	2755	2758	rBV2	22973	29671	0.90%	0.073%
79	19.701	2762	2765	2766	rBV3	12055	12433	0.38%	0.031%
80	19.742	2767	2772	2775	rVV	22903	38162	1.15%	0.094%
81	19.772	2775	2777	2782	rVB	51123	61538	1.86%	0.152%
82	19.836	2783	2788	2793	rBV	77864	122305	3.69%	0.302%
83	19.889	2794	2797	2799	rBV3	13616	19646	0.59%	0.048%
84	19.995	2812	2815	2820	rVB	20123	26507	0.80%	0.065%
85	20.054	2821	2825	2828	rVV2	23388	32625	0.99%	0.080%
86	20.107	2828	2834	2847	rVB2	2359005	3312130	100.00%	8.168%
87	20.313	2866	2869	2872	rVB	22399	26969	0.81%	0.067%
88	20.577	2908	2914	2918	rBV2	32285	57145	1.73%	0.141%
89	20.924	2969	2973	2976	rBV3	45509	59855	1.81%	0.148%
90	21.036	2989	2992	2995	rBV2	19154	20958	0.63%	0.052%
91	21.066	2995	2997	3001	rVB3	18459	18360	0.55%	0.045%
92	21.524	3071	3075	3085	rBV2	224405	415172	12.53%	1.024%
93	21.736	3108	3111	3114	rVB	42962	45807	1.38%	0.113%
94	21.877	3128	3135	3140	rBV	1752785	2497540	75.41%	6.159%
95	23.095	3338	3342	3349	rVB	86205	126618	3.82%	0.312%
96	23.507	3408	3412	3420	rVB2	93692	167495	5.06%	0.413%
97	24.136	3515	3519	3522	rBV	85836	144505	4.36%	0.356%
98	24.195	3522	3529	3545	rVB2	1375218	2942232	88.83%	7.256%
99	24.354	3548	3556	3565	rBV2	1030765	2158160	65.16%	5.322%
100	24.859	3638	3642	3648	rVB	105191	195289	5.90%	0.482%

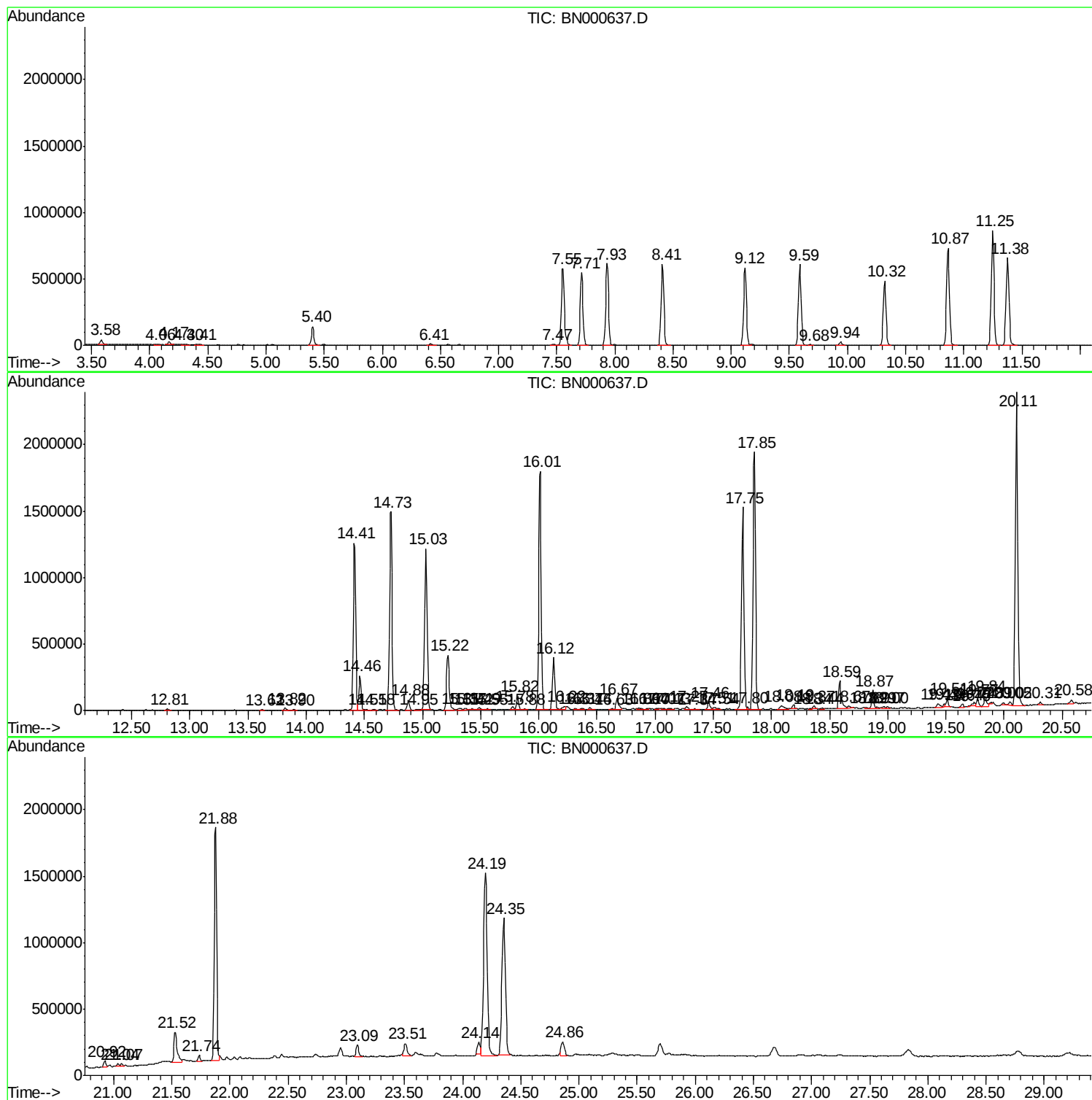
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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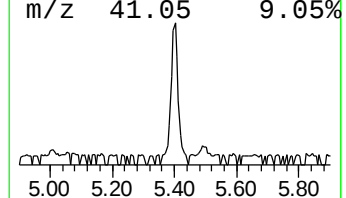
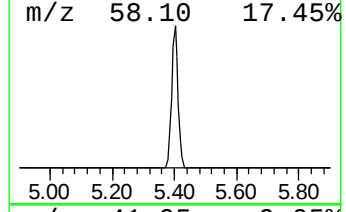
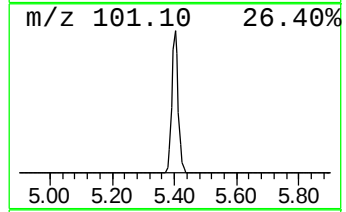
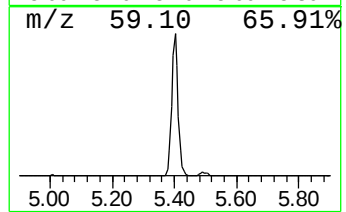
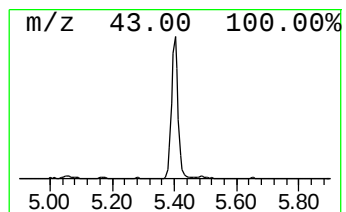
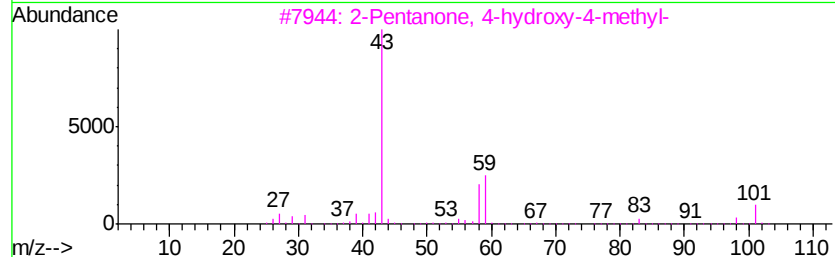
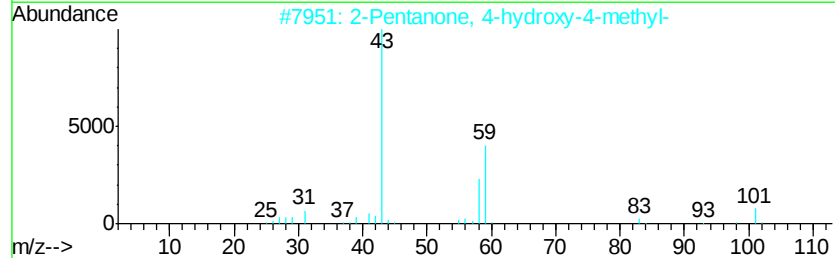
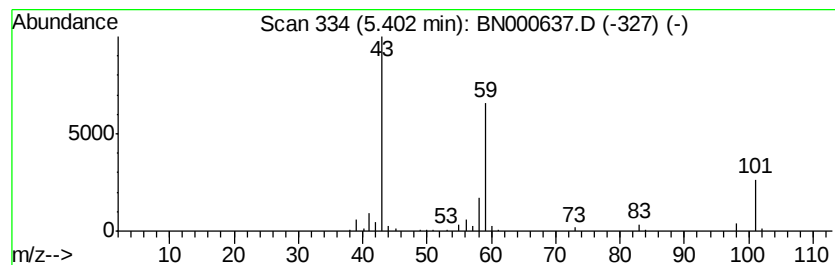
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	4.18 ng/ul	208442	1,4-Dichlorobenzene-d4	8.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25		
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	23		



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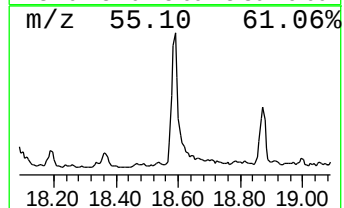
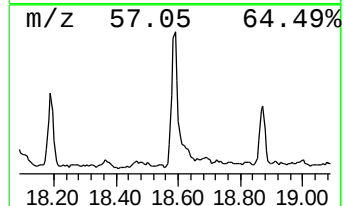
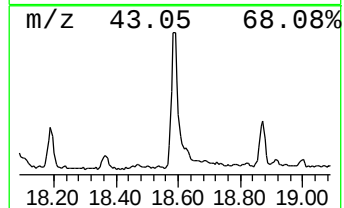
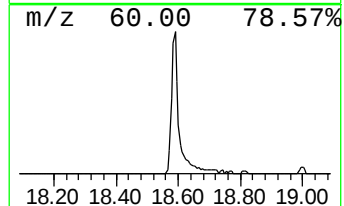
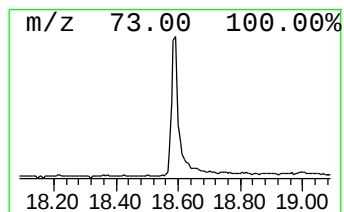
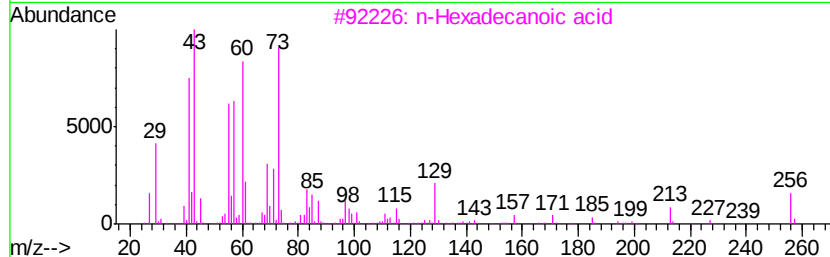
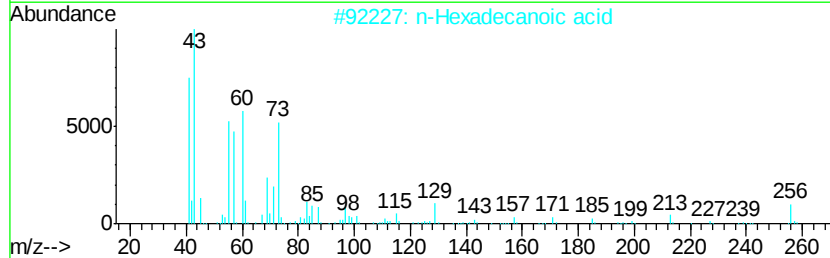
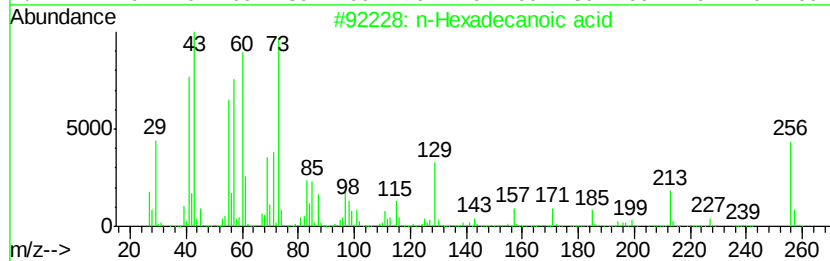
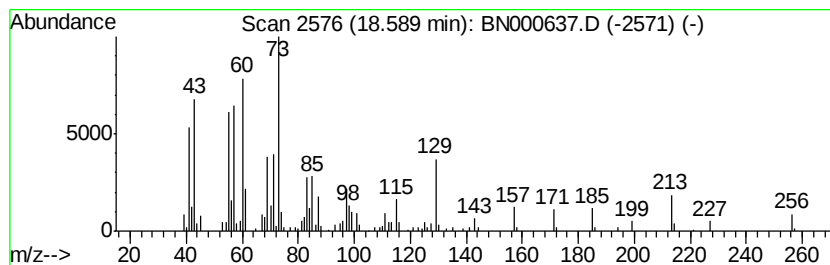
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	3.09 ng/ul	338017	Phenanthrene-d10	17.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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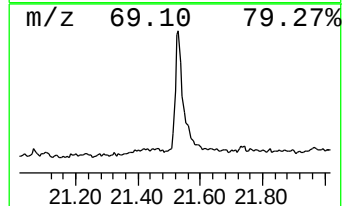
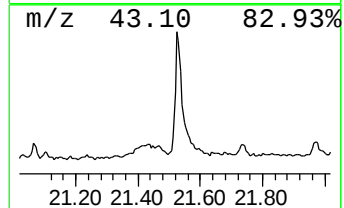
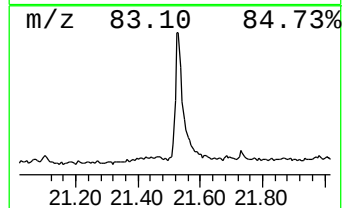
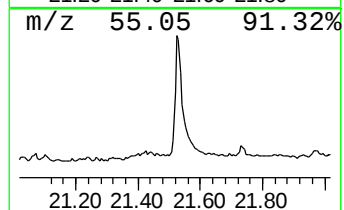
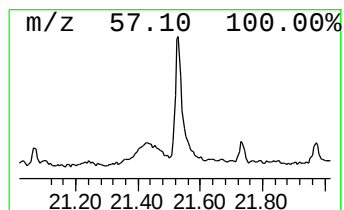
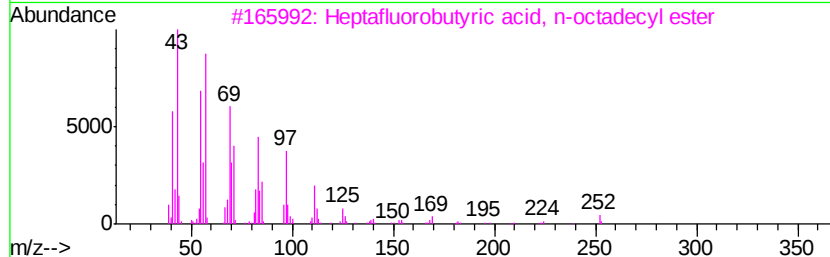
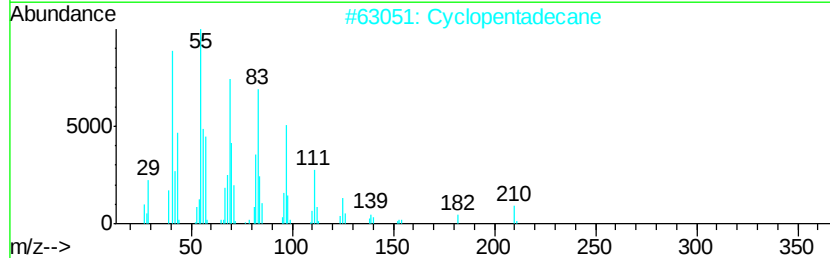
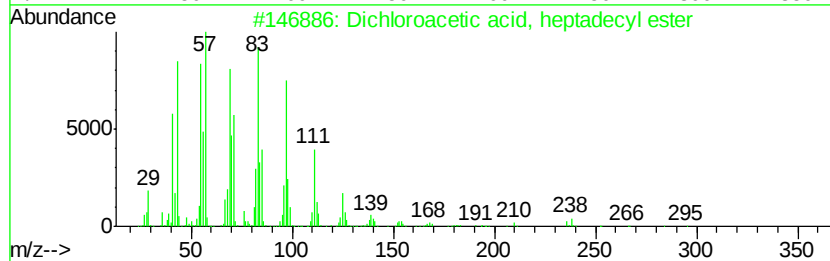
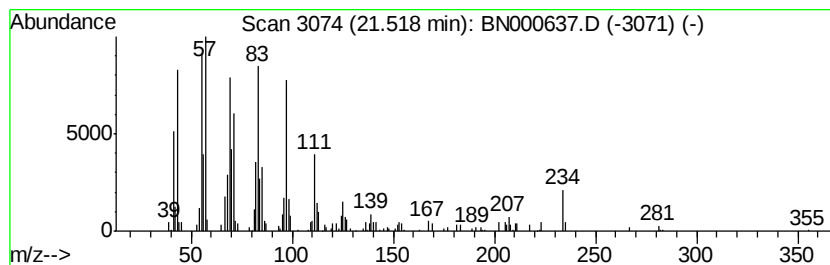
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Peak Number 3 Dichloroacetic acid, heptad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	3.32 ng/ul	415172	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2		Cyclopentadecane	210	C15H30	000295-48-7	93
3		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91



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Sample : J1986-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ4

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.40	4.2	ng/ul	208442	1	8.41	997268	20.0
n-Hexadecanoic acid	18.59	3.1	ng/ul	338017	4	17.75	2191290	20.0
Dichloroacetic ac...	21.52	3.3	ng/ul	415172	5	21.88	2497540	20.0