

Data Path : Z:\HPCHEM1\BNA N\Data\BN031918\
 Data File : BN000476.D
 Acq On : 20 Mar 2018 04:32
 Operator : JU/SJ
 Sample : J1933-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEC7

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	3.590	22	26	34	rBV	100104	137137	2.08%	0.156%
2	3.908	75	80	87	rBV4	11100	19267	0.29%	0.022%
3	4.066	103	107	113	rVB	14663	21370	0.32%	0.024%
4	4.178	121	126	131	rBV	54023	77807	1.18%	0.088%
5	4.255	135	139	146	rBV2	10757	21743	0.33%	0.025%
6	4.655	202	207	216	rBV	98759	136250	2.07%	0.155%
7	5.096	274	282	290	rVV	82326	120837	1.84%	0.137%
8	5.408	328	335	341	rBV2	48929	92435	1.40%	0.105%
9	6.419	501	507	521	rBV	452939	671746	10.20%	0.762%
10	6.572	528	533	539	rVB5	10875	20892	0.32%	0.024%
11	7.008	597	607	614	rVB4	10653	25121	0.38%	0.029%
12	7.366	656	668	674	rBV	22929	46572	0.71%	0.053%
13	7.484	683	688	692	rBV	21406	30916	0.47%	0.035%
14	7.555	692	700	714	rVB2	1622110	3418580	51.93%	3.880%
15	7.725	722	729	740	rBV	1474167	2310824	35.10%	2.623%
16	7.937	758	765	773	rBV	1696994	2787358	42.34%	3.163%
17	8.419	840	847	862	rVB	1273786	2080985	31.61%	2.362%
18	9.119	958	966	975	rBV	1801315	2981692	45.29%	3.384%
19	9.196	975	979	984	rVV2	15909	29538	0.45%	0.034%
20	9.601	1040	1048	1056	rBV	1595843	2728798	41.45%	3.097%
21	9.672	1056	1060	1067	rVV	28914	53131	0.81%	0.060%
22	9.954	1101	1108	1115	rVB	72706	106588	1.62%	0.121%
23	10.325	1164	1171	1182	rBV	1282476	2256293	34.27%	2.561%
24	10.866	1255	1263	1273	rBV	2022663	3426710	52.05%	3.889%
25	11.260	1321	1330	1343	rVB	1764250	3062953	46.52%	3.476%
26	11.384	1343	1351	1365	rBV	1796431	3073593	46.68%	3.488%
27	12.631	1555	1563	1568	rBV4	20215	36289	0.55%	0.041%
28	12.813	1587	1594	1603	rVB	37997	58923	0.89%	0.067%
29	13.395	1687	1693	1701	rBV2	12130	27451	0.42%	0.031%
30	13.631	1728	1733	1736	rBV	19570	26976	0.41%	0.031%
31	13.831	1761	1767	1773	rBV	67908	94704	1.44%	0.107%
32	13.901	1773	1779	1784	rVV4	19652	34832	0.53%	0.040%
33	14.348	1850	1855	1859	rVV5	11098	21566	0.33%	0.024%
34	14.425	1859	1868	1872	rVV	3123120	4468855	67.88%	5.072%

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35	14.472	1872	1876	1881	rVV	900682	1230753	18.69%	1.397%
36	14.519	1881	1884	1892	rVB3	23875	42373	0.64%	0.048%
37	14.595	1892	1897	1901	rBV	19731	26154	0.40%	0.030%
38	14.648	1901	1906	1914	rBV7	22650	68489	1.04%	0.078%
39	14.737	1914	1921	1934	rVB	3910084	5861627	89.03%	6.653%
40	14.889	1942	1947	1952	rBV	245912	293722	4.46%	0.333%
41	14.966	1955	1960	1965	rBV4	17665	32183	0.49%	0.037%
42	15.037	1965	1972	1980	rVB2	2379142	3688716	56.03%	4.186%
43	15.207	1995	2001	2015	rVV	1309433	2018430	30.66%	2.291%
44	15.325	2017	2021	2027	rVV4	26399	65370	0.99%	0.074%
45	15.384	2028	2031	2036	rVV3	36033	58567	0.89%	0.066%
46	15.442	2037	2041	2046	rVB2	23874	33179	0.50%	0.038%
47	15.501	2046	2051	2059	rBV2	52534	90885	1.38%	0.103%
48	15.572	2059	2063	2068	rVB2	25942	35178	0.53%	0.040%
49	15.725	2084	2089	2094	rVB4	11381	19574	0.30%	0.022%
50	15.789	2094	2100	2102	rBV	63281	92367	1.40%	0.105%
51	15.831	2102	2107	2112	rVB2	314163	413340	6.28%	0.469%
52	15.895	2112	2118	2121	rBV3	18904	34830	0.53%	0.040%
53	15.942	2121	2126	2132	rVB6	15184	33008	0.50%	0.037%
54	16.019	2132	2139	2152	rBV	4455870	6583685	100.00%	7.472%
55	16.131	2152	2158	2167	rBV	1344138	1830901	27.81%	2.078%
56	16.231	2168	2175	2186	rVB3	76794	235578	3.58%	0.267%
57	16.325	2188	2191	2197	rVB3	22549	32381	0.49%	0.037%
58	16.383	2197	2201	2204	rBV	35792	46298	0.70%	0.053%
59	16.448	2209	2212	2220	rVB2	37449	48855	0.74%	0.055%
60	16.642	2240	2245	2247	rBV2	22608	33575	0.51%	0.038%
61	16.683	2247	2252	2262	rVV	264035	427297	6.49%	0.485%
62	16.872	2281	2284	2289	rVB	30002	37318	0.57%	0.042%
63	16.966	2295	2300	2306	rVB	83069	118458	1.80%	0.134%
64	17.025	2306	2310	2317	rVV5	22854	47557	0.72%	0.054%
65	17.083	2317	2320	2323	rVV2	25732	26863	0.41%	0.030%
66	17.119	2323	2326	2334	rVB4	40581	72922	1.11%	0.083%
67	17.189	2334	2338	2345	rBV2	29950	46096	0.70%	0.052%
68	17.283	2350	2354	2361	rVB2	92892	136293	2.07%	0.155%
69	17.472	2381	2386	2390	rBV	130103	158060	2.40%	0.179%
70	17.525	2391	2395	2406	rVB4	40543	100157	1.52%	0.114%
71	17.760	2429	2435	2441	rBV2	2590042	3787009	57.52%	4.298%

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72	17.860	2446	2452	2462	rVB2	4145510	6223798	94.53%	7.064%
73	18.007	2473	2477	2483	rBV3	14689	24594	0.37%	0.028%
74	18.119	2493	2496	2501	rVB4	25185	41654	0.63%	0.047%
75	18.201	2506	2510	2516	rVB	45144	56633	0.86%	0.064%
76	18.378	2536	2540	2545	rVB	30767	42743	0.65%	0.049%
77	18.601	2572	2578	2588	rBV	561013	889505	13.51%	1.010%
78	18.883	2622	2626	2629	rBV2	31194	39669	0.60%	0.045%
79	18.919	2629	2632	2636	rVV2	15131	20388	0.31%	0.023%
80	19.007	2644	2647	2651	rVB4	22494	27828	0.42%	0.032%
81	19.101	2660	2663	2670	rVB5	11184	20575	0.31%	0.023%
82	19.360	2704	2707	2711	rVB	30553	34128	0.52%	0.039%
83	19.448	2718	2722	2728	rBV6	33781	71353	1.08%	0.081%
84	19.501	2728	2731	2733	rVV2	32737	42644	0.65%	0.048%
85	19.525	2733	2735	2739	rVB3	50452	52681	0.80%	0.060%
86	19.713	2763	2767	2768	rBV4	20596	24699	0.38%	0.028%
87	19.748	2769	2773	2779	rVB	63596	100613	1.53%	0.114%
88	19.848	2786	2790	2800	rBV	148502	249506	3.79%	0.283%
89	20.007	2813	2817	2821	rVB	48029	70516	1.07%	0.080%
90	20.119	2830	2836	2843	rVB	4383592	6016852	91.39%	6.829%
91	20.319	2866	2870	2875	rVB	82562	104448	1.59%	0.119%
92	21.042	2991	2993	2997	rBV3	27976	30062	0.46%	0.034%
93	21.077	2997	2999	3003	rVB2	26911	27340	0.42%	0.031%
94	21.542	3075	3078	3089	rVB2	228290	446283	6.78%	0.507%
95	21.883	3130	3136	3148	rBV2	2233181	3008364	45.69%	3.414%
96	22.971	3318	3321	3325	rVB2	75256	99542	1.51%	0.113%
97	23.530	3412	3416	3422	rBV2	136857	212384	3.23%	0.241%
98	24.212	3519	3532	3543	rVB2	2169700	4759045	72.29%	5.401%
99	24.365	3551	3558	3572	rVB2	1249442	2660160	40.41%	3.019%
100	24.889	3644	3647	3660	rVB	150224	296182	4.50%	0.336%

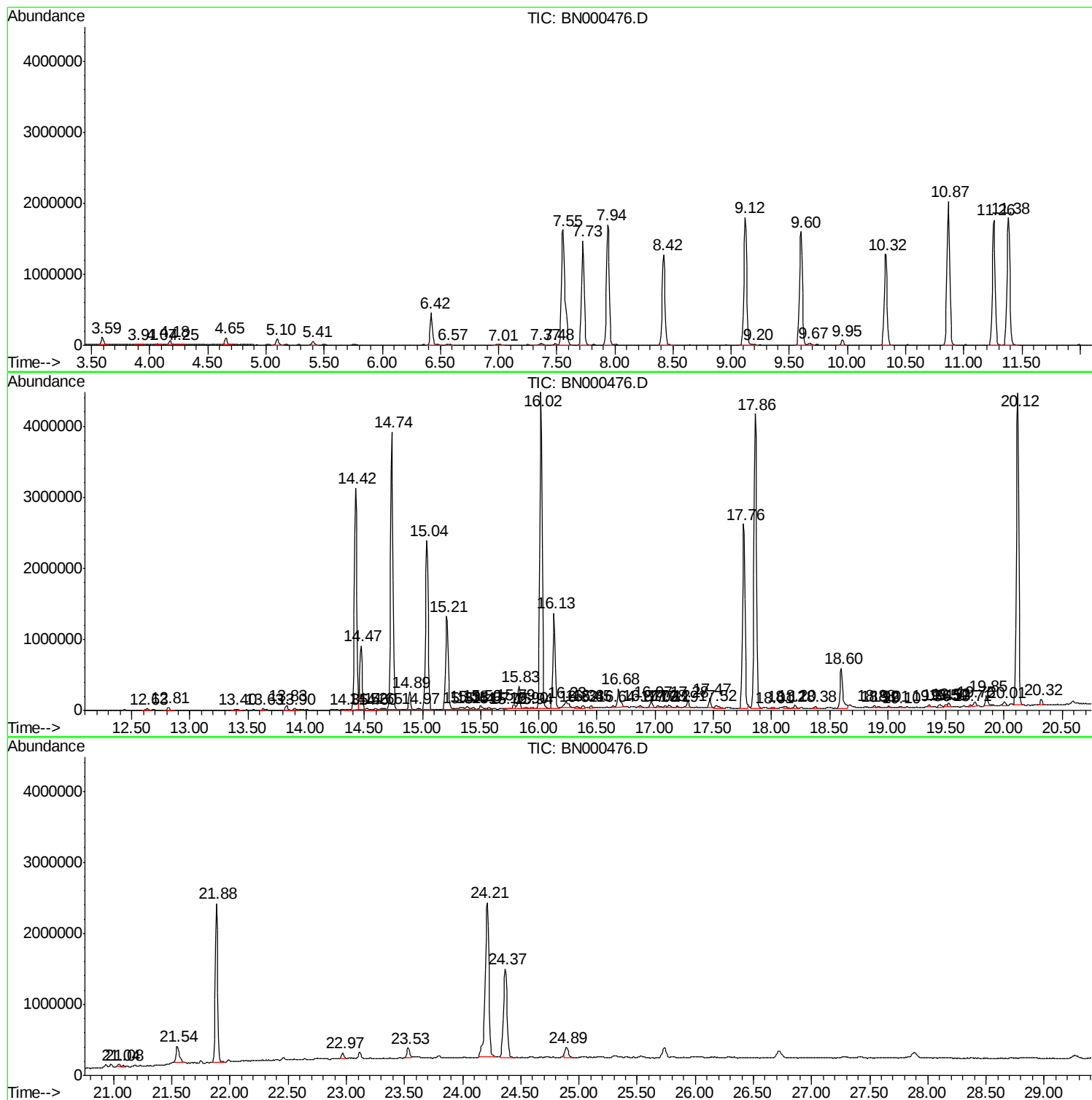
Sum of corrected areas: 88110969

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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



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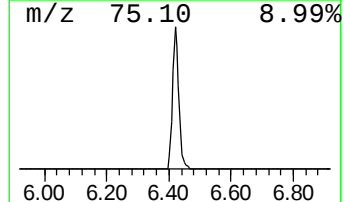
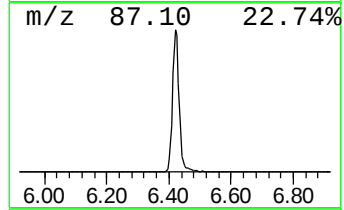
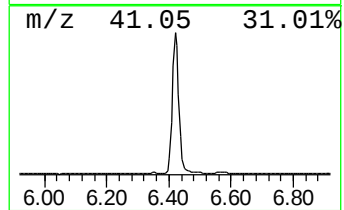
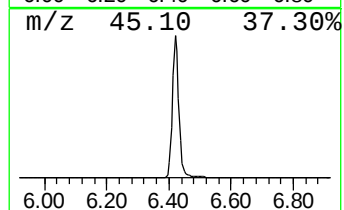
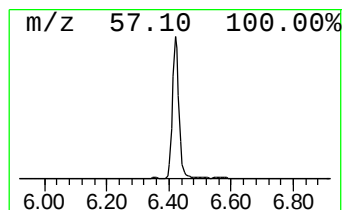
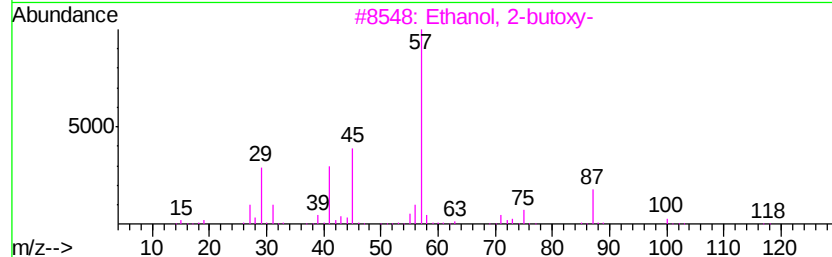
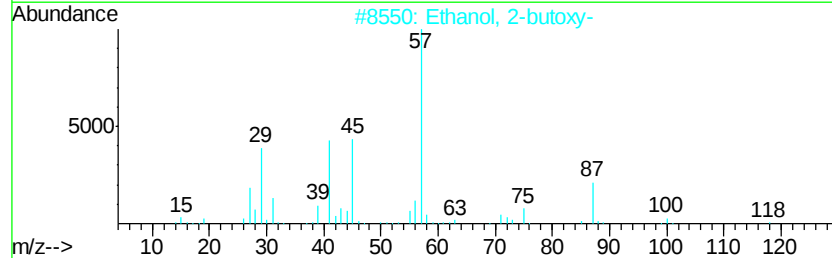
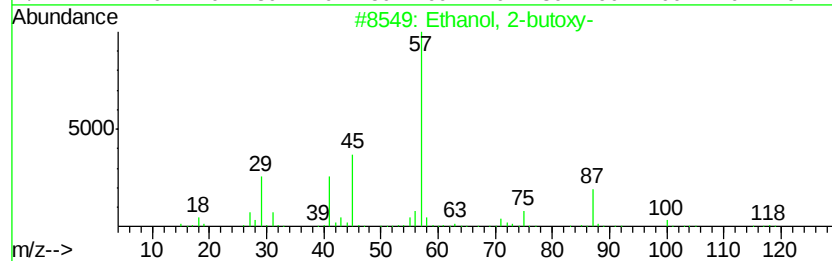
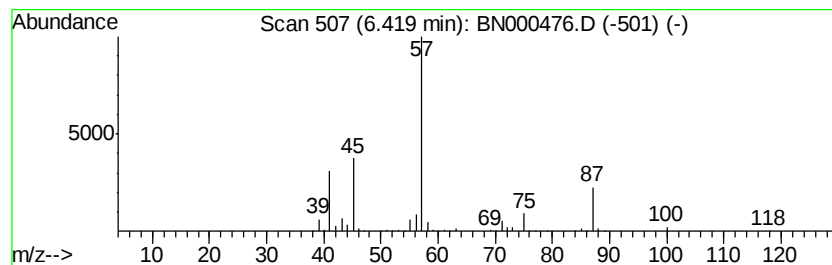
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.42	6.46 ng/ul	671746	1,4-Dichlorobenzene-d4	8.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-		118	C6H14O2	000111-76-2	78
2	Ethanol, 2-butoxy-		118	C6H14O2	000111-76-2	64
3	Ethanol, 2-butoxy-		118	C6H14O2	000111-76-2	50
4	n-Butyl ether		130	C8H18O	000142-96-1	47
5	n-Butyl ether		130	C8H18O	000142-96-1	38



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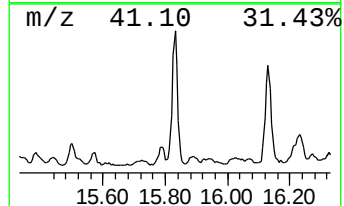
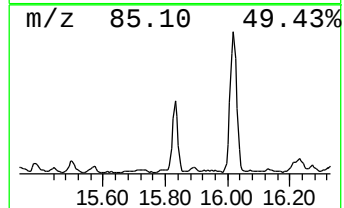
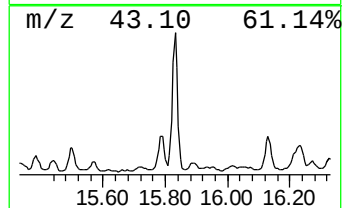
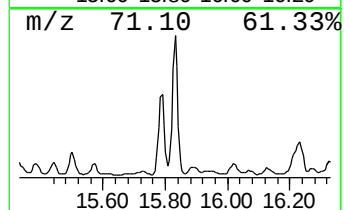
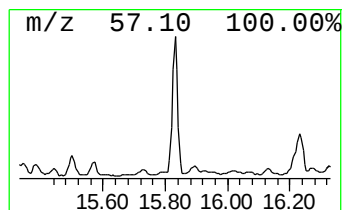
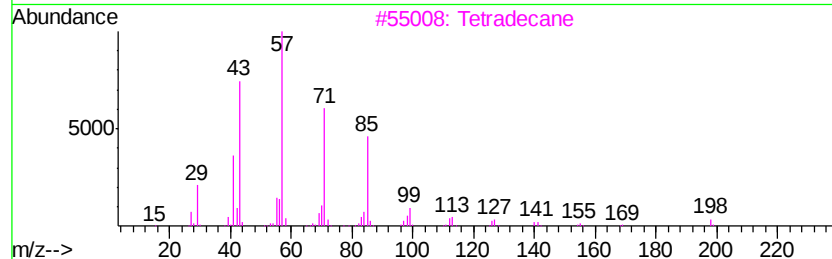
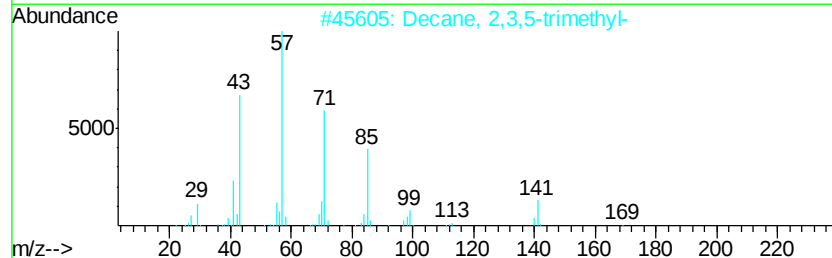
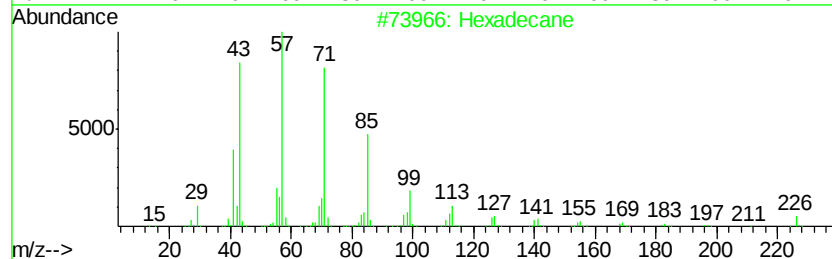
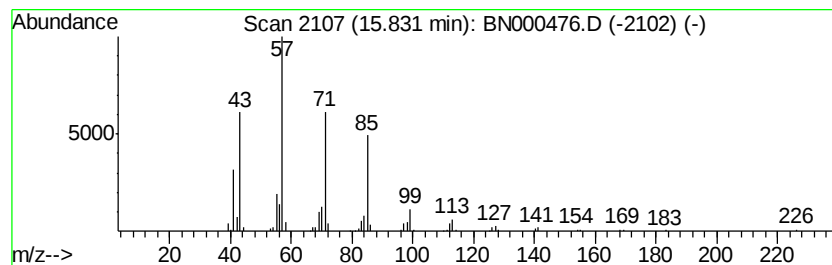
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.24 ng/ul	413340	Acenaphthene-d10	15.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3		Tetradecane	198	C14H30	000629-59-4	87
4		Pentadecane	212	C15H32	000629-62-9	86
5		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81



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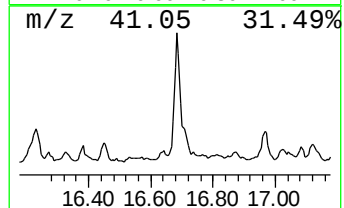
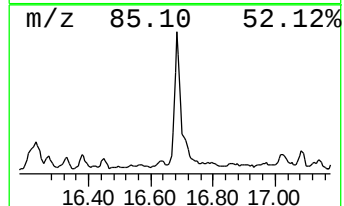
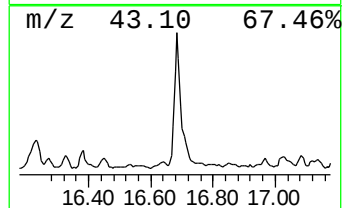
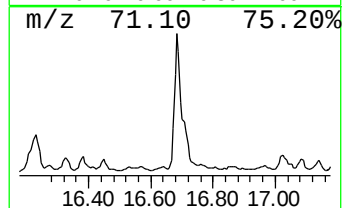
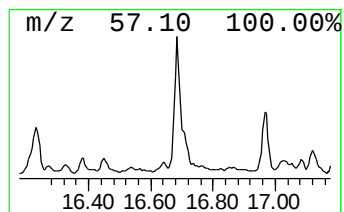
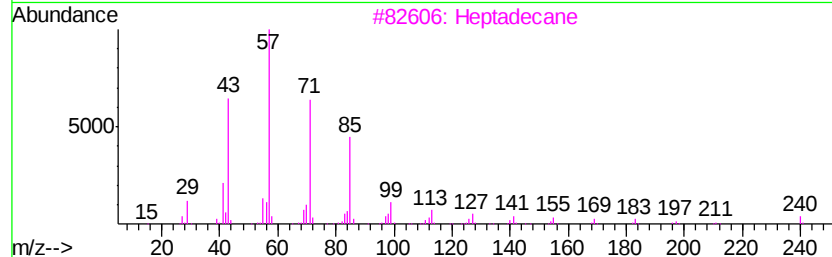
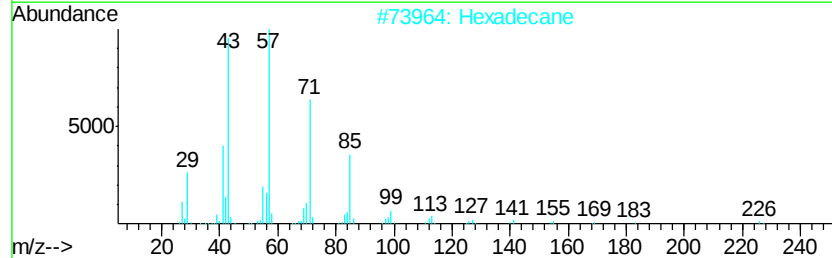
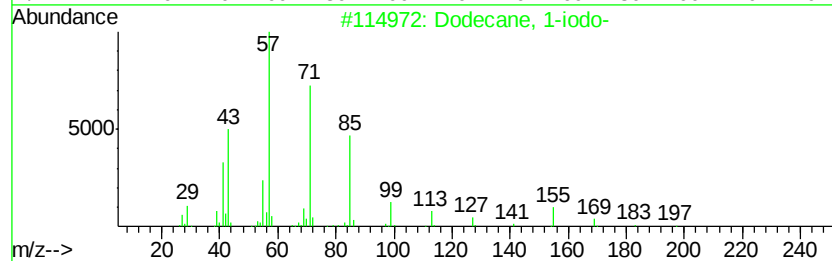
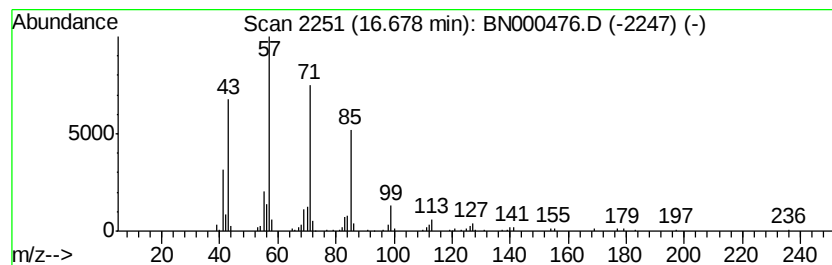
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Peak Number 3 Dodecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.68	2.26 ng/ul	427297	Phenanthrene-d10		17.76		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Heptadecane	240	C17H36	000629-78-7	90
4			Tetracosane	338	C24H50	000646-31-1	90
5			Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\HPCHEM1\BNA N\Data\BN031918\
Data File : BN000476.D
Acq On : 20 Mar 2018 04:32
Operator : JU/SJ
Sample : J1933-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC7

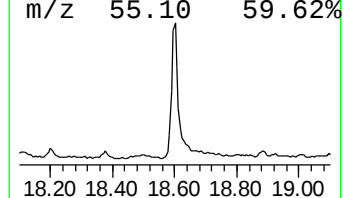
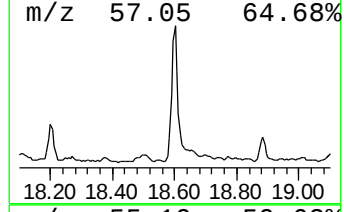
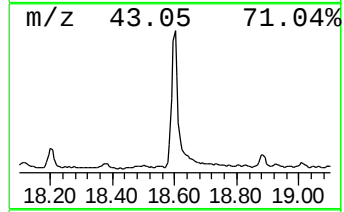
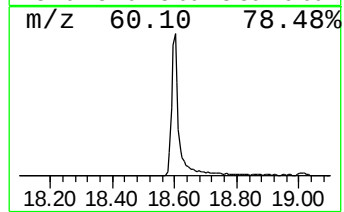
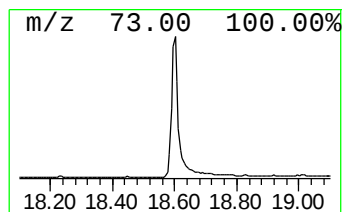
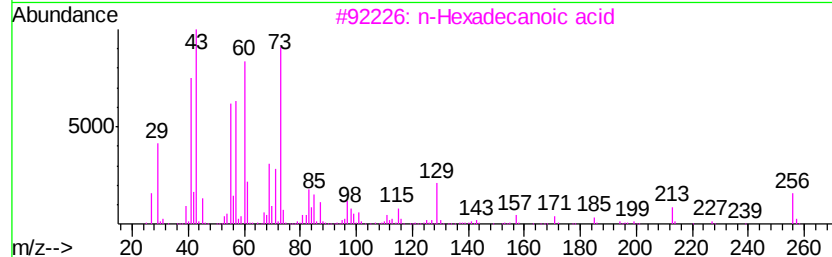
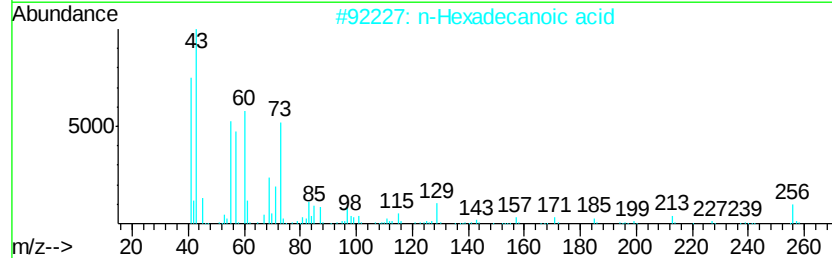
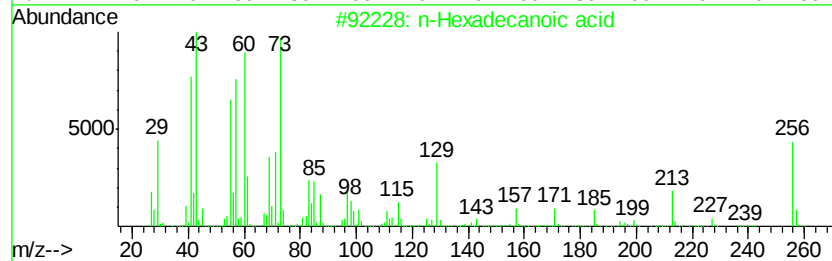
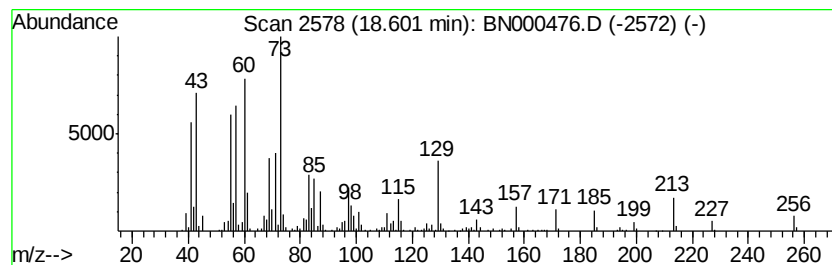
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	4.70 ng/ul	889505	Phenanthrene-d10	17.76

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	95
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5			Tridecanoic acid	214	C13H26O2	000638-53-9	86



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Sample : J1933-13
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC7

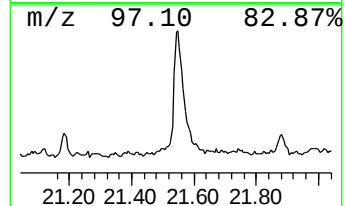
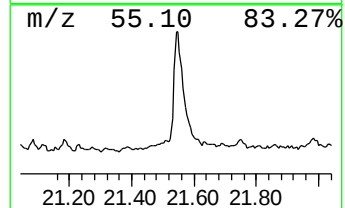
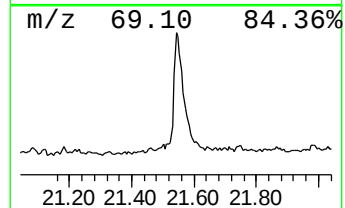
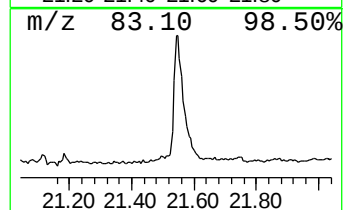
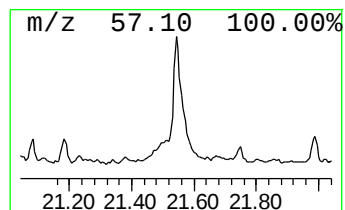
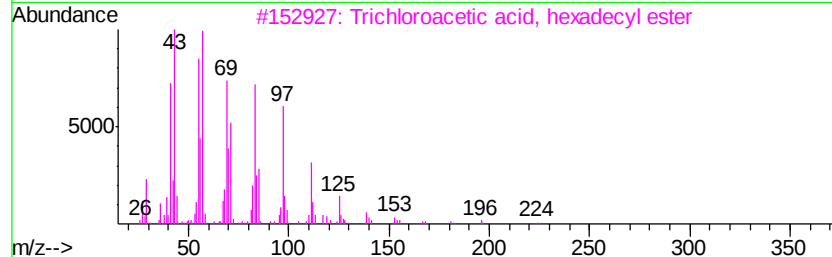
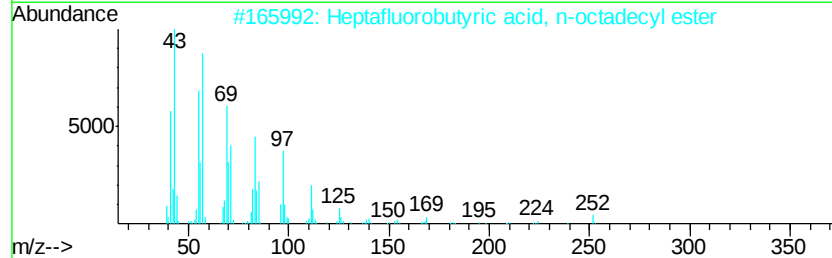
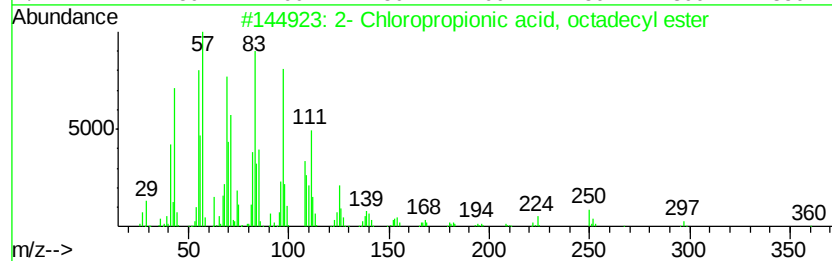
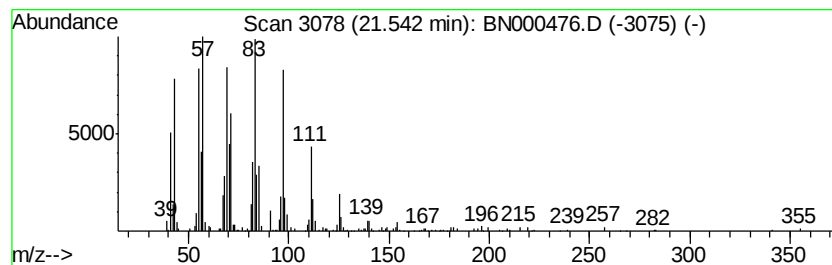
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 2- Chloropropionic acid, oc... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	2.97 ng/ul	446283	Chrysene-d12	21.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-		Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
2			Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
3			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5			1-Heneicosyl formate	340	C22H44O2	077899-03-7	91



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Instrument :
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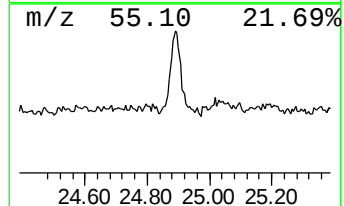
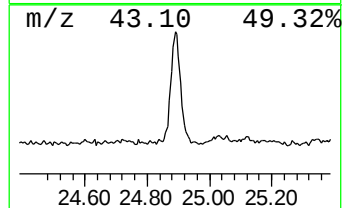
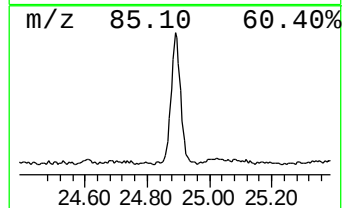
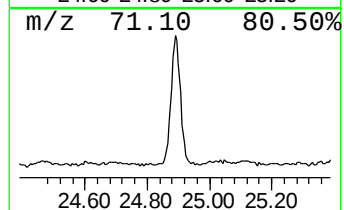
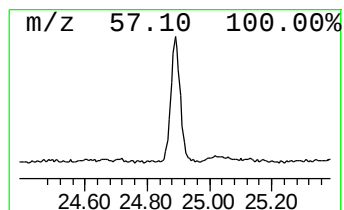
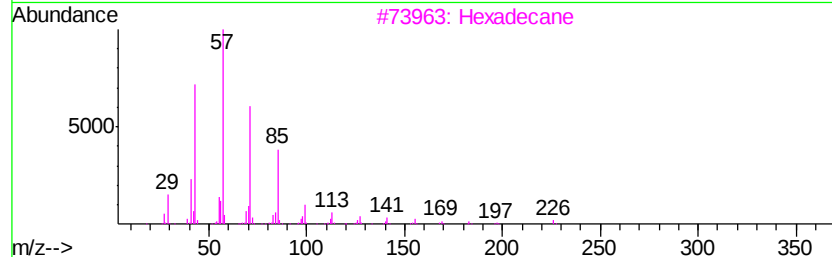
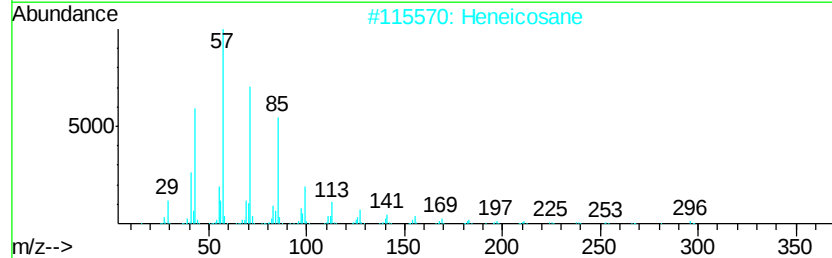
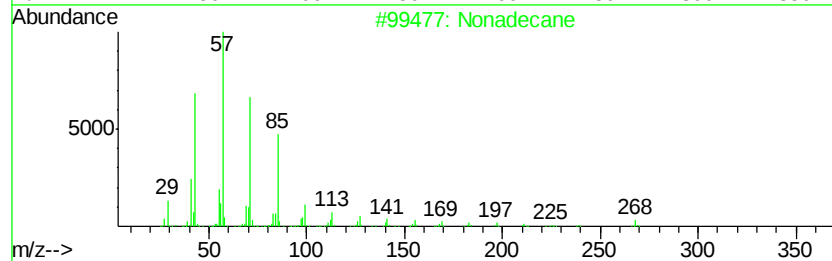
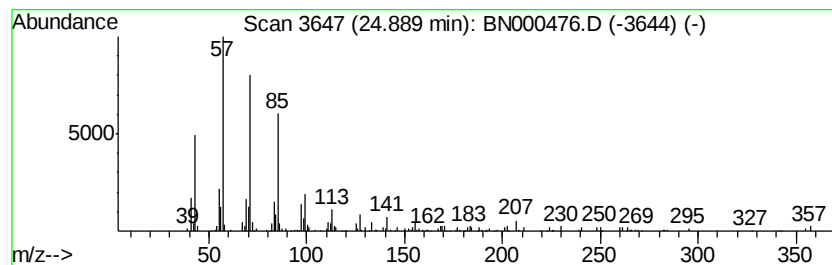
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	2.23 ng/ul	296182	Perylene-d12	24.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Hexadecane	226	C16H34	000544-76-3	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



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ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC7

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
Ethanol, 2-butoxy-	6.42	6.5	ng/ul	671746	1	8.42	2080990	20.0
(DEL) Alkane: Str...	15.83	2.2	ng/ul	413340	3	15.04	3688720	20.0
Dodecane, 1-iodo-	16.68	2.3	ng/ul	427297	4	17.76	3787010	20.0
n-Hexadecanoic acid	18.60	4.7	ng/ul	889505	4	17.76	3787010	20.0
2-Chloropropioni...	21.54	3.0	ng/ul	446283	5	21.88	3008360	20.0
(DEL) Alkane: Str...	24.89	2.2	ng/ul	296182	6	24.37	2660160	20.0