

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009483.D
 Acq On : 30 Jan 2020 20:17
 Operator : CG/JU
 Sample : L1300-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AK2

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-BN012220MA.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	3.093	15	18	24	rBV3	14918	19503	0.79%	0.071%
2	3.240	42	43	47	rVB4	3305	3669	0.15%	0.013%
3	3.346	59	61	66	rVB4	4003	5011	0.20%	0.018%
4	3.581	96	101	103	rBV5	6998	7770	0.31%	0.028%
5	3.693	115	120	129	rVB2	43618	72326	2.93%	0.263%
6	3.775	131	134	139	rVB3	9494	12694	0.51%	0.046%
7	3.875	149	151	156	rVB5	8803	8889	0.36%	0.032%
8	3.940	159	162	166	rBV6	4504	6338	0.26%	0.023%
9	3.993	166	171	176	rBV2	25865	34600	1.40%	0.126%
10	4.140	193	196	199	rVB5	6115	7107	0.29%	0.026%
11	4.387	234	238	242	rBV2	16765	24446	0.99%	0.089%
12	4.652	279	283	298	rVV	54402	92377	3.74%	0.337%
13	5.240	378	383	385	rBV5	3134	4265	0.17%	0.016%
14	5.834	481	484	489	rBV4	2268	3813	0.15%	0.014%
15	5.881	489	492	497	rVV4	4882	8065	0.33%	0.029%
16	6.652	617	623	634	rBV2	296537	571654	23.12%	2.083%
17	6.811	642	650	659	rBV	217371	345269	13.96%	1.258%
18	6.999	676	682	694	rVB	301740	481786	19.49%	1.755%
19	7.099	697	699	704	rVV5	4583	7393	0.30%	0.027%
20	7.169	706	711	714	rVV3	2077	3870	0.16%	0.014%
21	7.458	753	760	770	rBV	689839	1107072	44.78%	4.033%
22	7.540	770	774	778	rVB3	4780	7316	0.30%	0.027%
23	8.163	875	880	891	rBV	304032	514548	20.81%	1.875%
24	8.281	894	900	907	rVB3	23949	41245	1.67%	0.150%
25	8.599	948	954	966	rVV	279029	465739	18.84%	1.697%
26	9.046	1026	1030	1036	rVV2	6282	9020	0.36%	0.033%
27	9.310	1066	1075	1084	rBV	224432	368828	14.92%	1.344%
28	9.422	1091	1094	1098	rBV2	2181	3783	0.15%	0.014%
29	9.610	1124	1126	1131	rBV3	3565	4644	0.19%	0.017%
30	9.846	1159	1166	1178	rBV	316715	554033	22.41%	2.018%
31	10.205	1220	1227	1237	rBV	960079	1558024	63.02%	5.676%
32	10.357	1246	1253	1269	rBV	236629	475009	19.21%	1.730%
33	11.810	1496	1500	1507	rVB5	6436	8458	0.34%	0.031%
34	12.710	1649	1653	1655	rBV2	3149	3665	0.15%	0.013%

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35	12.934	1687	1691	1697	rBV6	4474	7762	0.31%	0.028%
36	13.022	1705	1706	1713	rVB4	2001	3662	0.15%	0.013%
37	13.446	1773	1778	1783	rVB6	1941	4175	0.17%	0.015%
38	13.516	1783	1790	1794	rBV	563066	797198	32.24%	2.904%
39	13.563	1794	1798	1804	rVB	151512	211754	8.56%	0.771%
40	13.781	1828	1835	1844	rBV	612409	913951	36.97%	3.330%
41	14.034	1869	1878	1880	rBB4	4714	6843	0.28%	0.025%
42	14.093	1880	1888	1895	rBV	1351902	2019155	81.67%	7.356%
43	14.328	1922	1928	1940	rBV	141059	297110	12.02%	1.082%
44	14.410	1940	1942	1945	rVB4	4273	4791	0.19%	0.017%
45	14.540	1960	1964	1970	rBV5	14359	24547	0.99%	0.089%
46	14.928	2026	2030	2035	rVV6	5887	9483	0.38%	0.035%
47	14.993	2035	2041	2044	rVB6	6641	9435	0.38%	0.034%
48	15.093	2052	2058	2064	rBV	814981	1161674	46.99%	4.232%
49	15.234	2077	2082	2096	rBV	213855	322499	13.04%	1.175%
50	15.334	2096	2099	2102	rVV3	8731	6597	0.27%	0.024%
51	15.487	2119	2125	2128	rVV3	4447	5745	0.23%	0.021%
52	15.545	2132	2135	2142	rBV4	5264	8595	0.35%	0.031%
53	15.851	2184	2187	2190	rVV3	4867	5344	0.22%	0.019%
54	15.881	2190	2192	2198	rVB6	3904	5149	0.21%	0.019%
55	16.010	2208	2214	2219	rBV5	4878	6966	0.28%	0.025%
56	16.098	2226	2229	2232	rBV4	4159	4411	0.18%	0.016%
57	16.416	2278	2283	2287	rBV5	2783	4313	0.17%	0.016%
58	16.510	2295	2299	2303	rBV4	3521	6584	0.27%	0.024%
59	16.640	2316	2321	2326	rBV6	14155	21502	0.87%	0.078%
60	16.845	2350	2356	2361	rVV	1654403	2270988	91.85%	8.273%
61	16.887	2361	2363	2367	rVV	43437	44846	1.81%	0.163%
62	16.939	2367	2372	2382	rVV	867475	1200961	48.57%	4.375%
63	17.157	2405	2409	2410	rBV4	3784	4012	0.16%	0.015%
64	17.257	2422	2426	2434	rVB6	25019	36742	1.49%	0.134%
65	17.381	2444	2447	2450	rBV4	4450	4980	0.20%	0.018%
66	17.657	2487	2494	2497	rBV5	4185	8268	0.33%	0.030%
67	17.722	2501	2505	2509	rVB5	6923	8697	0.35%	0.032%
68	17.769	2509	2513	2520	rBV	100754	139226	5.63%	0.507%
69	17.910	2532	2537	2543	rBV5	8617	16056	0.65%	0.058%
70	17.957	2543	2545	2550	rVB4	5576	7193	0.29%	0.026%
71	18.075	2563	2565	2569	rVB5	4688	5832	0.24%	0.021%

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72	18.204	2582	2587	2591	rBV3	21455	33681	1.36%	0.123%
73	18.275	2594	2599	2602	rVV6	8049	11473	0.46%	0.042%
74	18.334	2604	2609	2613	rVV7	5512	9475	0.38%	0.035%
75	18.639	2658	2661	2668	rVB8	11062	18388	0.74%	0.067%
76	18.716	2671	2674	2678	rVV5	8080	7723	0.31%	0.028%
77	18.751	2678	2680	2682	rVB3	6683	4484	0.18%	0.016%
78	18.804	2682	2689	2694	rBV10	11858	33309	1.35%	0.121%
79	18.910	2699	2707	2716	rBV	120579	187179	7.57%	0.682%
80	19.063	2730	2733	2738	rBV5	24557	32296	1.31%	0.118%
81	19.128	2742	2744	2752	rVB5	11794	20106	0.81%	0.073%
82	19.245	2758	2764	2777	rBV	1144891	1604879	64.91%	5.847%
83	19.333	2777	2779	2780	rBV2	7780	5112	0.21%	0.019%
84	19.439	2795	2797	2798	rBV2	5889	4361	0.18%	0.016%
85	19.563	2816	2818	2819	rBV2	7495	4382	0.18%	0.016%
86	19.739	2845	2848	2849	rBV3	9001	11165	0.45%	0.041%
87	19.839	2862	2865	2869	rVB4	16525	17853	0.72%	0.065%
88	20.339	2947	2950	2954	rVB3	30623	30681	1.24%	0.112%
89	20.798	3024	3028	3034	rBV2	225992	300145	12.14%	1.093%
90	21.051	3065	3071	3075	rBV	1920002	2472403	100.00%	9.007%
91	21.245	3100	3104	3106	rBV	96403	99983	4.04%	0.364%
92	21.663	3171	3175	3180	rBV	195968	240104	9.71%	0.875%
93	22.098	3245	3249	3256	rVB	262122	322972	13.06%	1.177%
94	22.310	3282	3285	3290	rVB2	122634	157029	6.35%	0.572%
95	22.574	3326	3330	3333	rBV	303042	413380	16.72%	1.506%
96	22.610	3333	3336	3343	rVB	284142	411861	16.66%	1.500%
97	23.033	3403	3408	3414	rBV	766444	1208360	48.87%	4.402%
98	23.098	3416	3419	3423	rVB	294104	411055	16.63%	1.497%
99	23.163	3425	3430	3438	rVB	1298575	2276249	92.07%	8.292%
100	23.692	3515	3520	3527	rBV	378222	640397	25.90%	2.333%

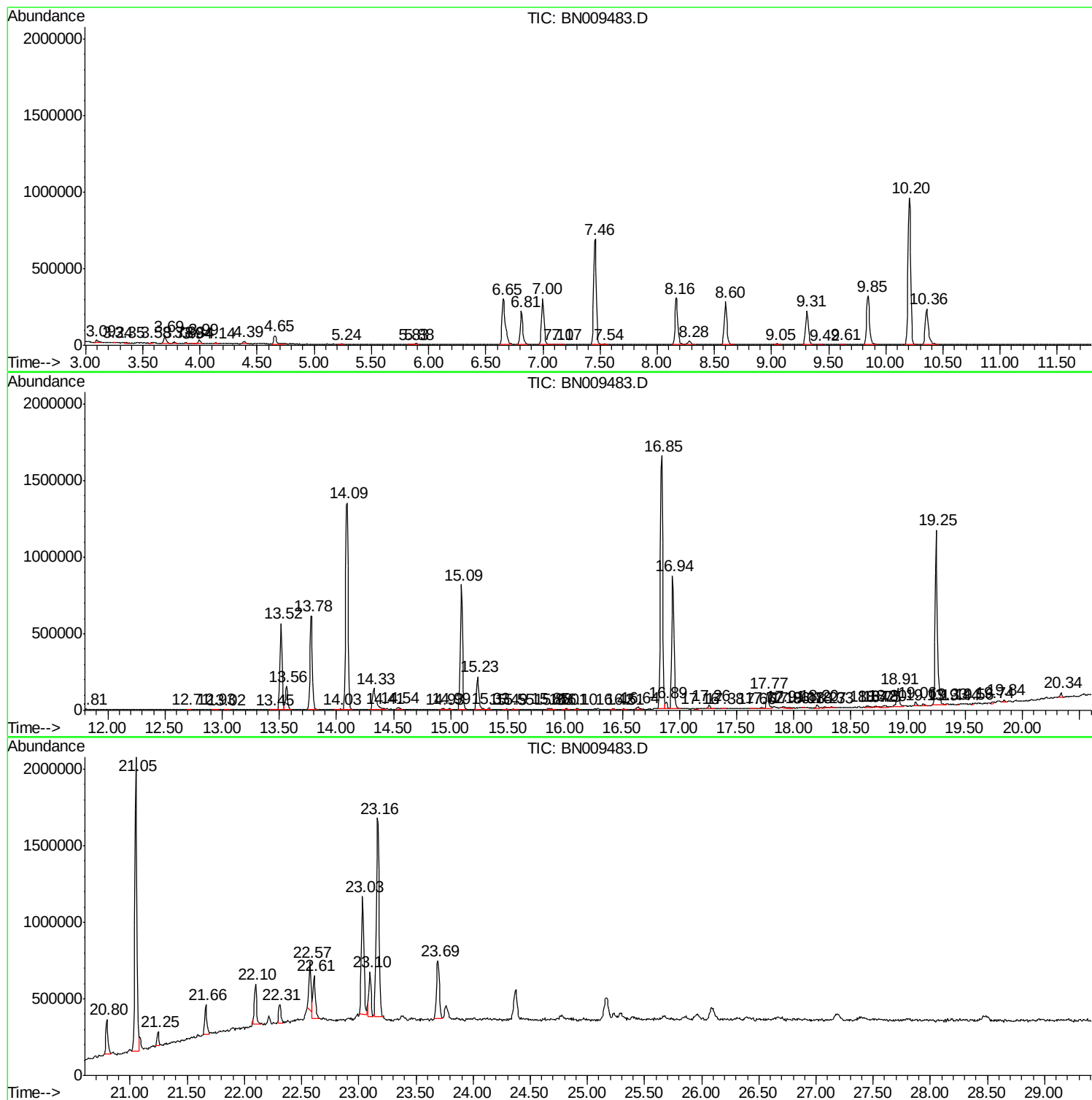
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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



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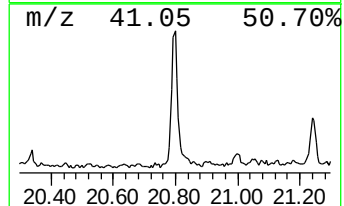
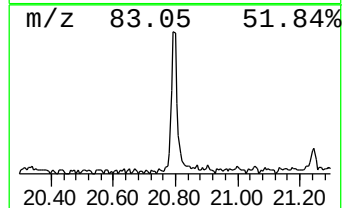
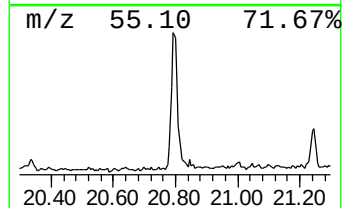
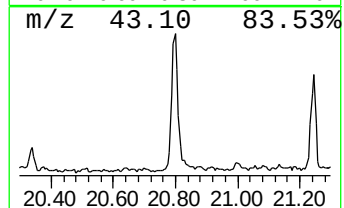
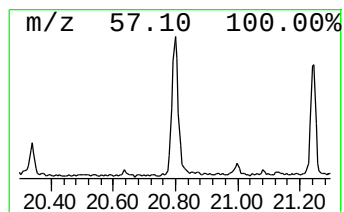
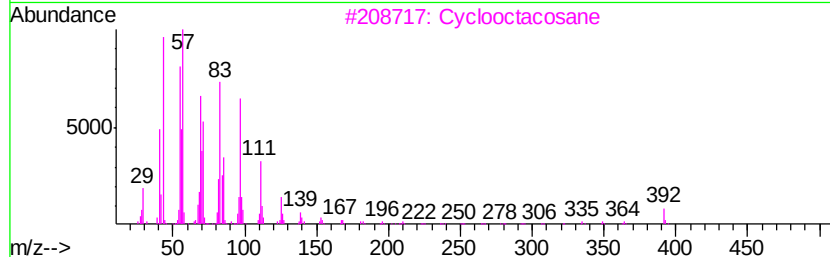
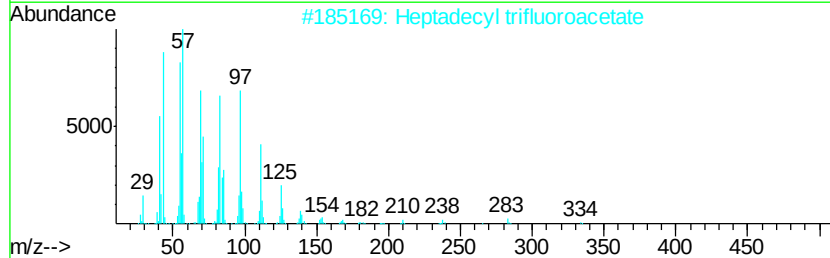
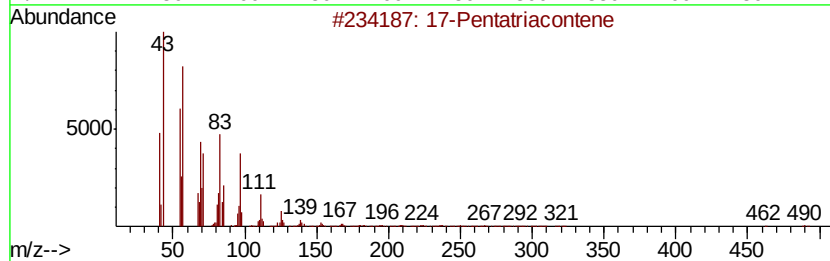
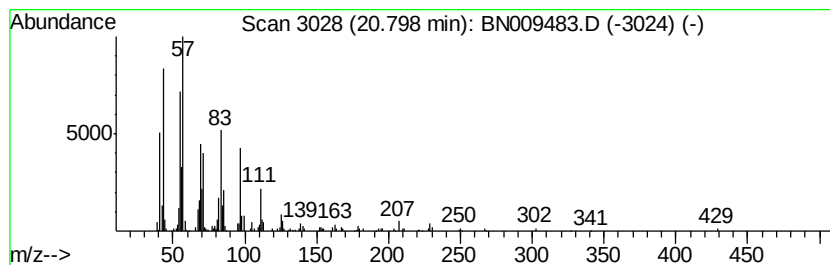
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	2.43 ng/ul	300145	Chrysene-d12	21.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0 91
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0 91
3	Cyclooctacosane	392	C28H56	000297-24-5 91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1 91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6 91



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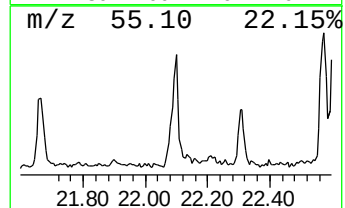
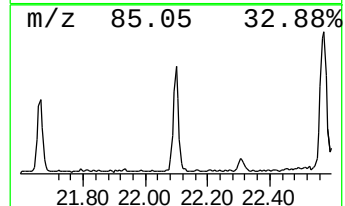
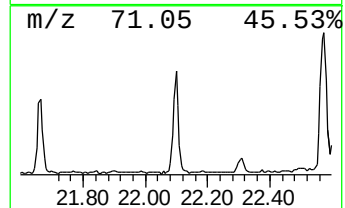
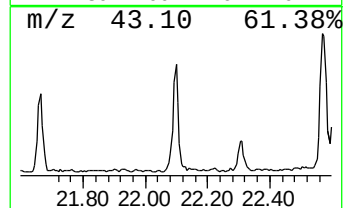
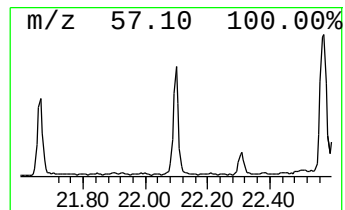
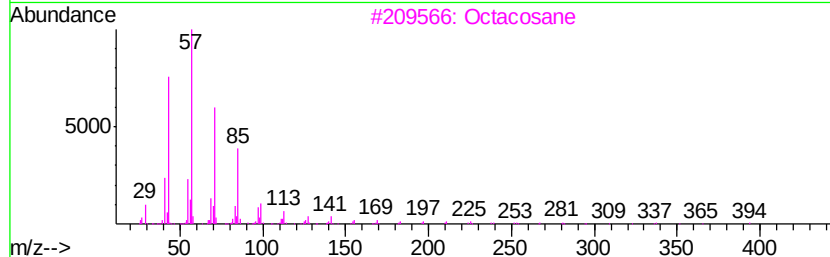
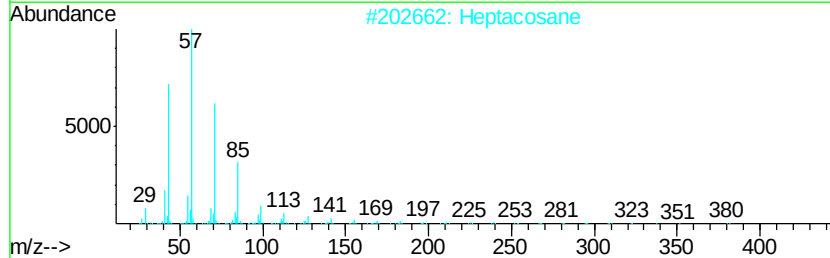
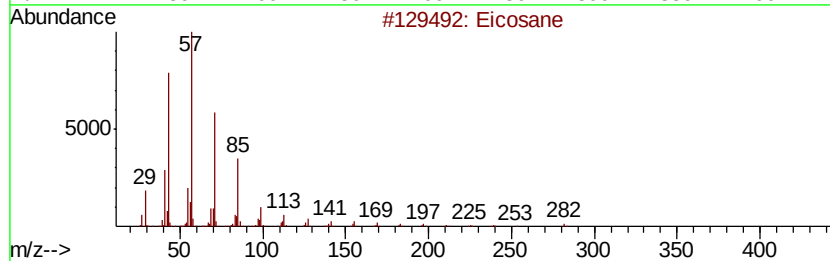
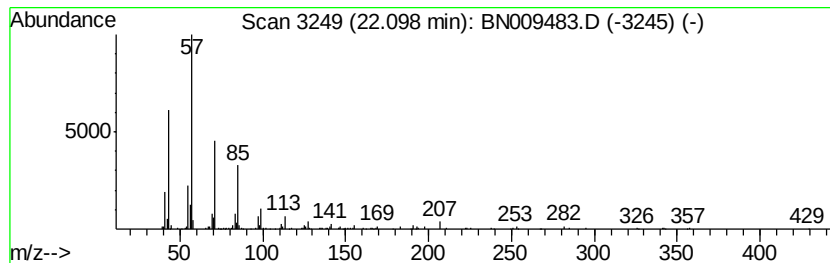
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
22.10	2.61 ng/ul	322972	Chrysene-d12	21.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	96
2	Heptacosane	380 C27H56	000593-49-7	90
3	Octacosane	394 C28H58	000630-02-4	87
4	Hentriacontane	437 C31H64	000630-04-6	86
5	Nonadecane, 9-methyl-	282 C20H42	013287-24-6	86



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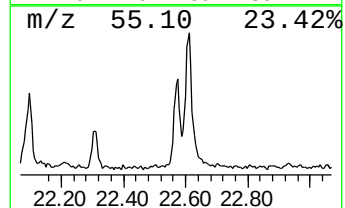
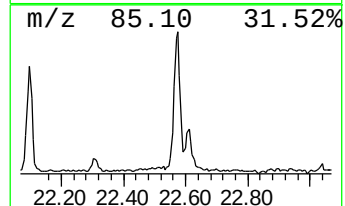
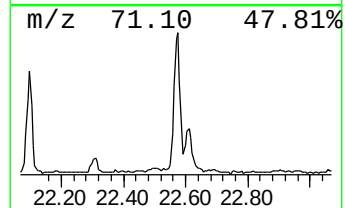
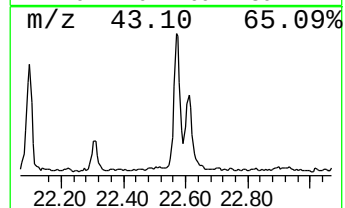
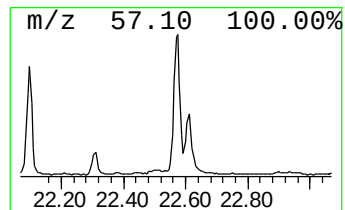
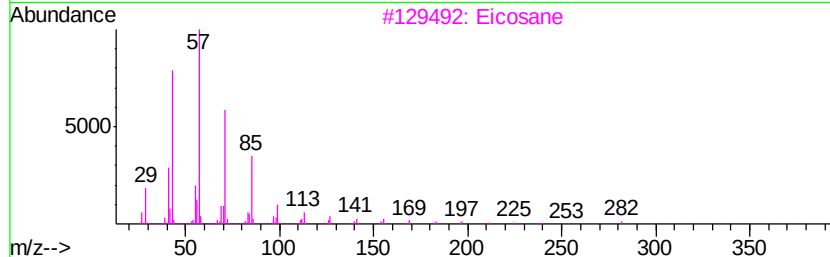
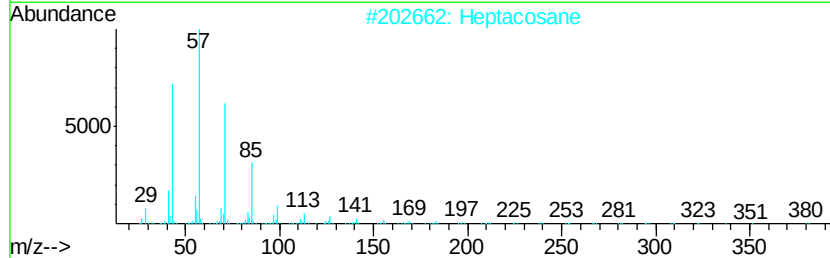
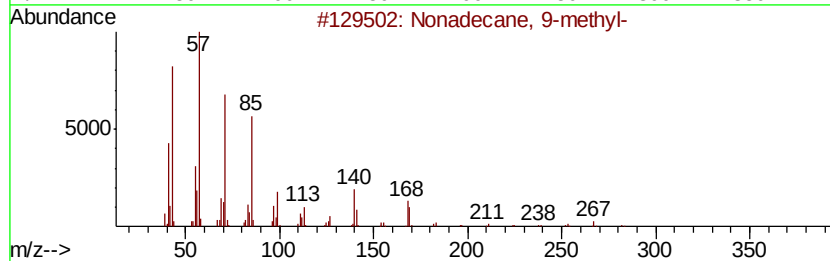
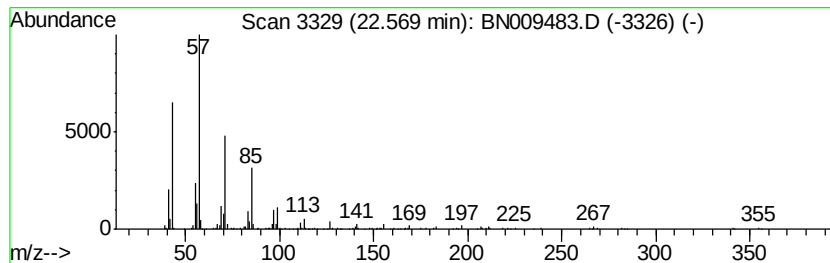
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	3.63 ng/ul	413380	Perylene-d12	23.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2			Heptacosane	380	C27H56	000593-49-7	91
3			Eicosane	282	C20H42	000112-95-8	91
4			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
5			Hentriacontane	437	C31H64	000630-04-6	90



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Sample : L1300-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

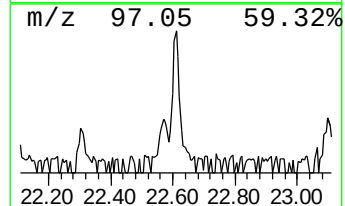
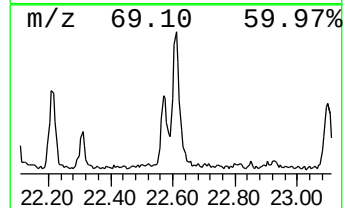
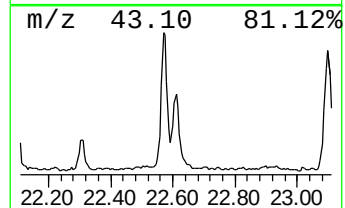
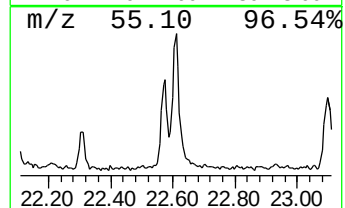
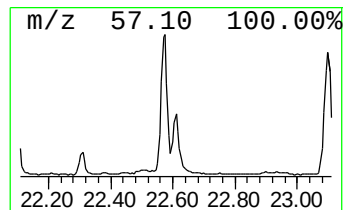
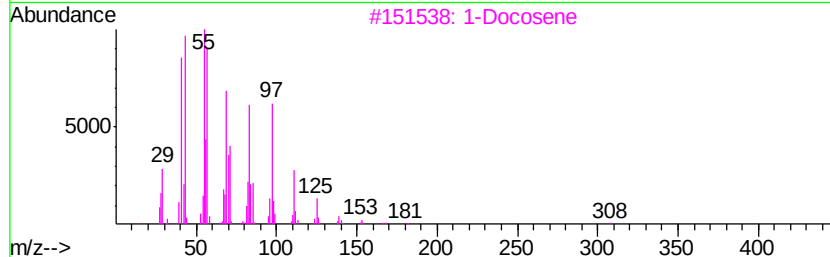
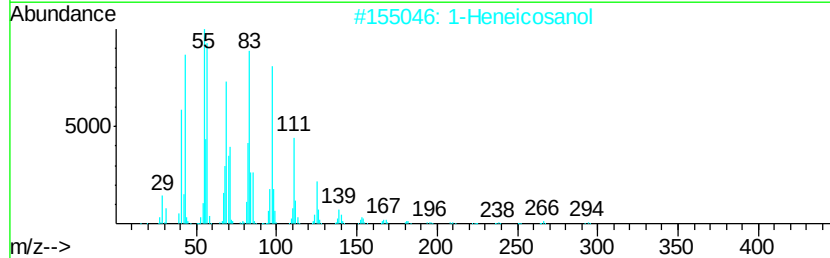
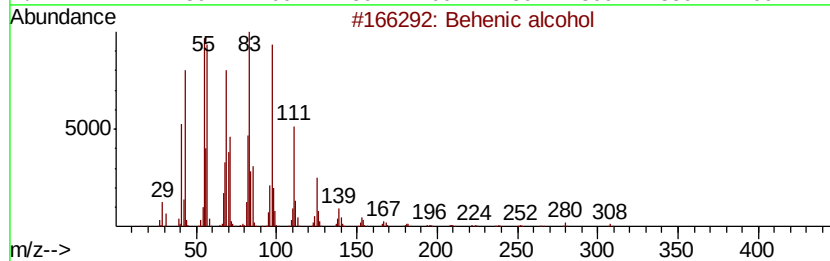
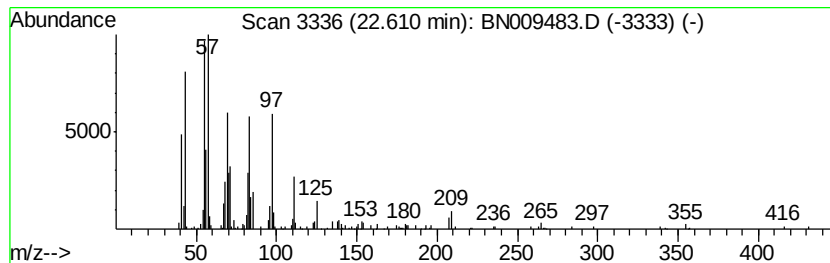
Instrument :
BNA_N
ClientSampleId :
C5AK2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	3.62 ng/ul	411861	Perylene-d12	23.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 90
2		1-Heneicosanol	312 C21H44O	015594-90-8 90
3		1-Docosene	308 C22H44	001599-67-3 87
4		n-Tetracosanol-1	354 C24H50O	000506-51-4 87
5		n-Nonadecanol-1	284 C19H40O	001454-84-8 86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009483.D
Acq On : 30 Jan 2020 20:17
Operator : CG/JU
Sample : L1300-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AK2

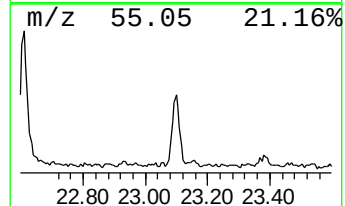
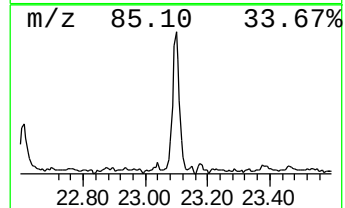
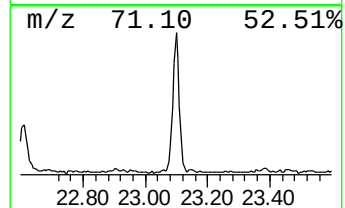
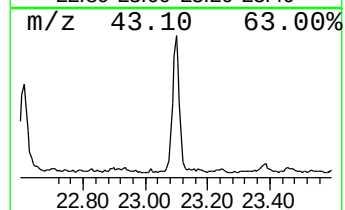
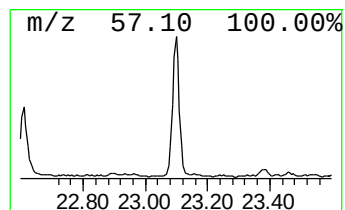
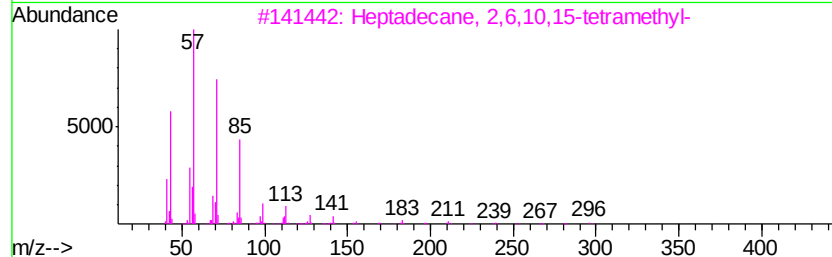
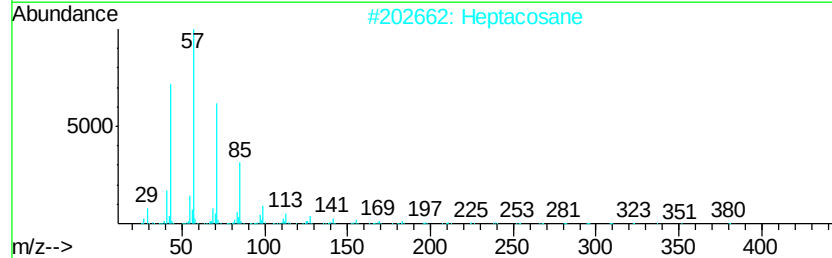
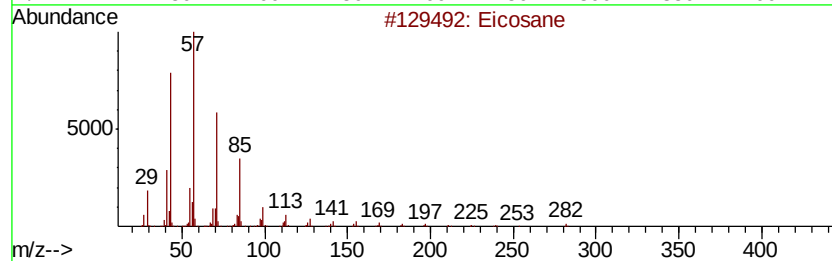
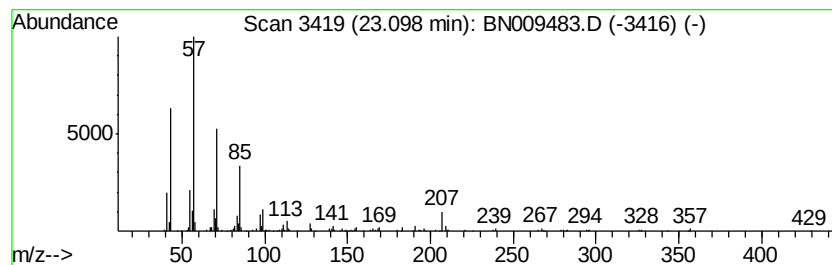
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.10	3.61 ng/ul	411055	Perylene-d12	23.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	83
2		Heptacosane	380	C27H56	000593-49-7	83
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	81
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5		Heneicosane	296	C21H44	000629-94-7	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009483.D
Acq On : 30 Jan 2020 20:17
Operator : CG/JU
Sample : L1300-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AK2

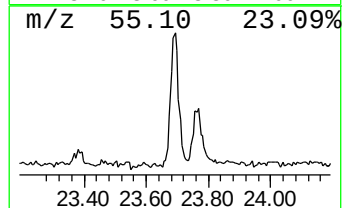
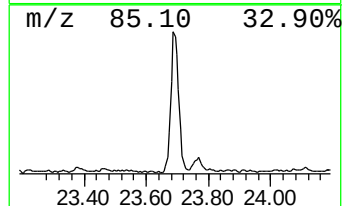
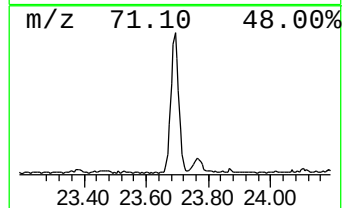
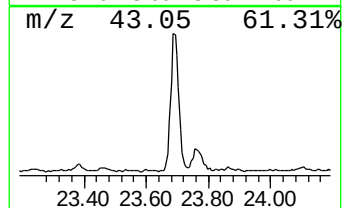
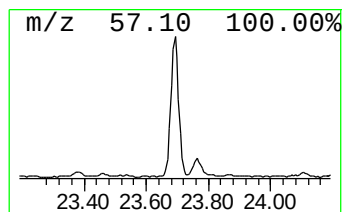
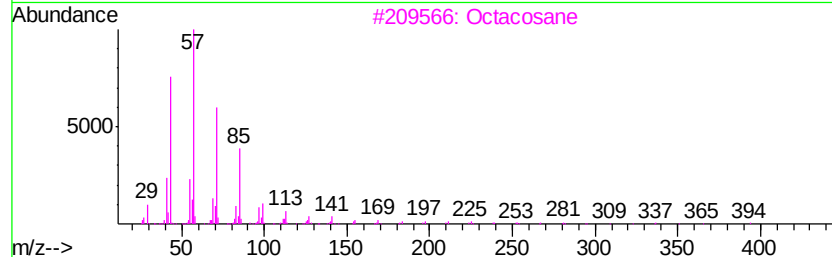
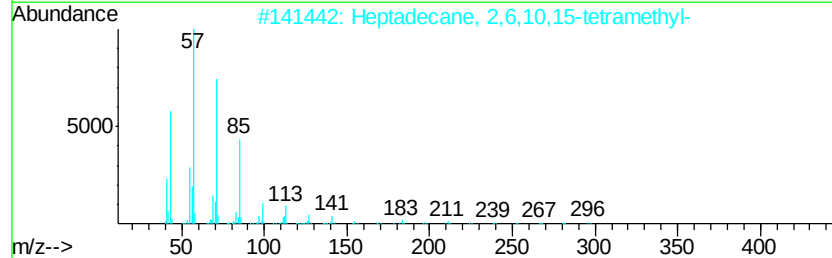
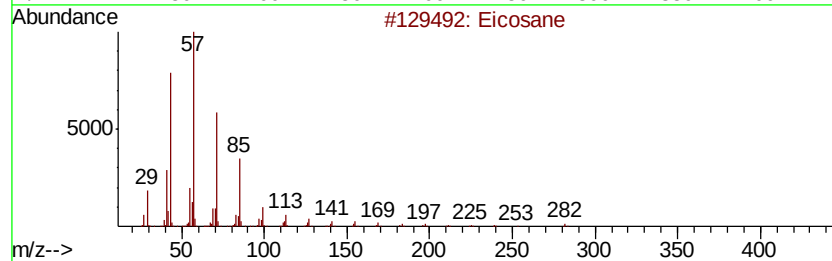
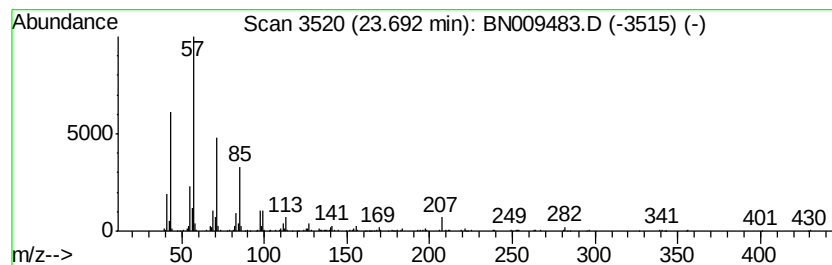
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	5.63 ng/ul	640397	Perylene-d12	23.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Octacosane	394	C28H58	000630-02-4	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN013020\
Data File : BN009483.D
Acq On : 30 Jan 2020 20:17
Operator : CG/JU
Sample : L1300-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AK2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	20.80	2.4	ng/ul	300145	5	21.05	2472400	20.0
(DEL) Alkane: Str...	22.10	2.6	ng/ul	322972	5	21.05	2472400	20.0
(DEL) Alkane: Str...	22.57	3.6	ng/ul	413380	6	23.16	2276250	20.0
Behenic alcohol	22.61	3.6	ng/ul	411861	6	23.16	2276250	20.0
(DEL) Alkane: Str...	23.10	3.6	ng/ul	411055	6	23.16	2276250	20.0
(DEL) Alkane: Str...	23.69	5.6	ng/ul	640397	6	23.16	2276250	20.0