

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005867.D
 Acq On : 23 May 2019 01:13
 Operator : JU/SJ
 Sample : K2925-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42F5

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-BN051819MA.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	6.764	637	642	658	rVB2	87878	237534	4.83%	0.638%
2	6.911	662	667	675	rBV	101910	173844	3.54%	0.467%
3	7.105	695	700	714	rVB	125573	237368	4.83%	0.638%
4	7.564	772	778	791	rVB	265426	513323	10.44%	1.380%
5	8.287	896	901	916	rBV	113168	240408	4.89%	0.646%
6	8.716	968	974	991	rBV	141651	288842	5.87%	0.776%
7	9.434	1091	1096	1106	rBV2	99230	186861	3.80%	0.502%
8	9.993	1186	1191	1207	rBV3	90827	288186	5.86%	0.775%
9	10.322	1240	1247	1259	rBV	447711	786600	16.00%	2.114%
10	10.505	1273	1278	1295	rBV3	40128	131475	2.67%	0.353%
11	13.622	1802	1808	1813	rBV	407884	641597	13.05%	1.725%
12	13.669	1813	1816	1828	rVB	92112	166819	3.39%	0.448%
13	13.893	1848	1854	1864	rVB	458974	704520	14.33%	1.894%
14	14.198	1900	1906	1914	rBV2	810693	1223350	24.88%	3.288%
15	14.269	1914	1918	1924	rVB	20211	30254	0.62%	0.081%
16	14.522	1956	1961	1968	rBV7	13197	38592	0.78%	0.104%
17	14.622	1974	1978	1982	rBV2	16856	22009	0.45%	0.059%
18	15.204	2071	2077	2085	rBV	579586	945788	19.24%	2.542%
19	15.269	2085	2088	2098	rVB	21699	36489	0.74%	0.098%
20	15.387	2103	2108	2114	rBV2	63755	124305	2.53%	0.334%
21	15.716	2157	2164	2171	rVB4	6527	14166	0.29%	0.038%
22	16.628	2314	2319	2327	rBV3	15629	26159	0.53%	0.070%
23	16.781	2341	2345	2353	rVB	21307	29205	0.59%	0.079%
24	16.957	2369	2375	2379	rBV2	1241038	1728574	35.16%	4.646%
25	16.998	2379	2382	2388	rVV	466058	648416	13.19%	1.743%
26	17.063	2388	2393	2406	rVB	673078	1148502	23.36%	3.087%
27	17.392	2443	2449	2459	rBV	33470	62542	1.27%	0.168%
28	17.487	2459	2465	2469	rVV3	6893	13467	0.27%	0.036%
29	17.698	2494	2501	2505	rBV4	6649	14198	0.29%	0.038%
30	17.845	2521	2526	2529	rVV	52627	82529	1.68%	0.222%
31	17.875	2529	2531	2532	rVV	43618	44149	0.90%	0.119%
32	17.898	2532	2535	2545	rVV2	85712	131670	2.68%	0.354%
33	17.987	2545	2550	2554	rVV	16258	23364	0.48%	0.063%
34	18.039	2554	2559	2563	rVV2	84797	132698	2.70%	0.357%

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35	18.081	2563	2566	2574	rVB	39207	58709	1.19%	0.158%
36	18.351	2608	2612	2619	rVV	45753	66906	1.36%	0.180%
37	18.416	2619	2623	2628	rVV	54276	77752	1.58%	0.209%
38	18.598	2651	2654	2660	rVV4	15432	25030	0.51%	0.067%
39	18.651	2660	2663	2667	rVV2	13732	20491	0.42%	0.055%
40	18.692	2667	2670	2674	rVB3	11527	15960	0.32%	0.043%
41	18.775	2679	2684	2688	rBV2	37127	58592	1.19%	0.157%
42	18.810	2688	2690	2691	rVV	15160	13517	0.27%	0.036%
43	18.834	2692	2694	2698	rVV3	17161	23674	0.48%	0.064%
44	18.928	2703	2710	2716	rVB3	28313	51932	1.06%	0.140%
45	19.039	2720	2729	2736	rBV	761763	1028919	20.93%	2.766%
46	19.163	2748	2750	2753	rVV3	13311	19961	0.41%	0.054%
47	19.281	2764	2770	2774	rVV3	36991	66910	1.36%	0.180%
48	19.328	2774	2778	2780	rVV5	9669	15014	0.31%	0.040%
49	19.375	2780	2786	2789	rVV	1074657	1657012	33.70%	4.454%
50	19.404	2789	2791	2801	rVV	661864	799286	16.26%	2.148%
51	19.486	2801	2805	2812	rVB3	34688	54300	1.10%	0.146%
52	19.604	2818	2825	2831	rVB2	33950	57789	1.18%	0.155%
53	19.669	2831	2836	2839	rBV5	9280	15030	0.31%	0.040%
54	19.745	2843	2849	2856	rBV2	42507	105236	2.14%	0.283%
55	19.881	2866	2872	2873	rBV3	30960	45090	0.92%	0.121%
56	19.916	2874	2878	2886	rVB2	92103	159206	3.24%	0.428%
57	20.016	2891	2895	2900	rBV	40030	53723	1.09%	0.144%
58	20.075	2900	2905	2909	rBV2	63993	95732	1.95%	0.257%
59	20.157	2916	2919	2923	rVB5	12853	16829	0.34%	0.045%
60	20.216	2925	2929	2933	rVV	38941	47523	0.97%	0.128%
61	20.269	2933	2938	2942	rBV3	42027	61871	1.26%	0.166%
62	20.381	2950	2957	2963	rBV3	13921	39516	0.80%	0.106%
63	20.439	2964	2967	2970	rVB2	20671	18345	0.37%	0.049%
64	20.480	2970	2974	2976	rBV5	12061	14057	0.29%	0.038%
65	20.551	2983	2986	2989	rVB3	14938	16791	0.34%	0.045%
66	20.633	2996	3000	3004	rBV7	12644	22997	0.47%	0.062%
67	20.680	3004	3008	3013	rVV	68742	98848	2.01%	0.266%
68	20.839	3031	3035	3038	rVV	95239	125144	2.55%	0.336%
69	20.875	3038	3041	3044	rVV	72097	94524	1.92%	0.254%
70	20.910	3044	3047	3056	rVV4	156410	318209	6.47%	0.855%
71	20.986	3056	3060	3068	rVB	86837	143455	2.92%	0.386%

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72	21.080	3073	3076	3078	rVV3	22678	28138	0.57%	0.076%
73	21.110	3079	3081	3086	rVB2	28758	33953	0.69%	0.091%
74	21.192	3086	3095	3099	rBV2	1997748	3152054	64.11%	8.473%
75	21.228	3099	3101	3113	rVB	407514	574758	11.69%	1.545%
76	21.351	3118	3122	3126	rVB3	99579	121794	2.48%	0.327%
77	21.433	3131	3136	3141	rBV7	34618	72808	1.48%	0.196%
78	21.528	3147	3152	3157	rBV3	127170	165959	3.38%	0.446%
79	21.698	3176	3181	3183	rBV3	23980	37406	0.76%	0.101%
80	21.751	3183	3190	3192	rBV	79165	132890	2.70%	0.357%
81	21.780	3192	3195	3206	rVV	442185	721398	14.67%	1.939%
82	21.945	3219	3223	3226	rBV	42355	66667	1.36%	0.179%
83	22.233	3267	3272	3284	rBV	323743	535121	10.88%	1.438%
84	22.457	3305	3310	3315	rBV	257415	349385	7.11%	0.939%
85	22.510	3315	3319	3322	rVB3	37330	55907	1.14%	0.150%
86	22.727	3350	3356	3363	rBV2	3081277	4916889	100.00%	13.216%
87	22.910	3384	3387	3394	rVB	57194	99893	2.03%	0.269%
88	23.204	3432	3437	3440	rBV	186190	306058	6.22%	0.823%
89	23.257	3440	3446	3451	rBV	847917	1665605	33.88%	4.477%
90	23.392	3462	3469	3487	rVB2	1284631	2670554	54.31%	7.178%
91	23.574	3495	3500	3507	rVB4	97202	181450	3.69%	0.488%
92	23.892	3547	3554	3564	rVB	452120	878731	17.87%	2.362%
93	23.986	3566	3570	3576	rBV7	38314	73375	1.49%	0.197%
94	24.604	3669	3675	3686	rBV	147307	349488	7.11%	0.939%
95	25.033	3741	3748	3766	rBV2	172512	437496	8.90%	1.176%
96	25.439	3810	3817	3823	rVB3	106934	251455	5.11%	0.676%
97	25.592	3836	3843	3855	rBV4	141112	406285	8.26%	1.092%
98	26.310	3950	3965	3977	rBV4	145224	757182	15.40%	2.035%
99	27.804	4214	4219	4228	rVB7	82223	232105	4.72%	0.624%
100	29.139	4433	4446	4466	rBV6	237797	1206349	24.53%	3.243%

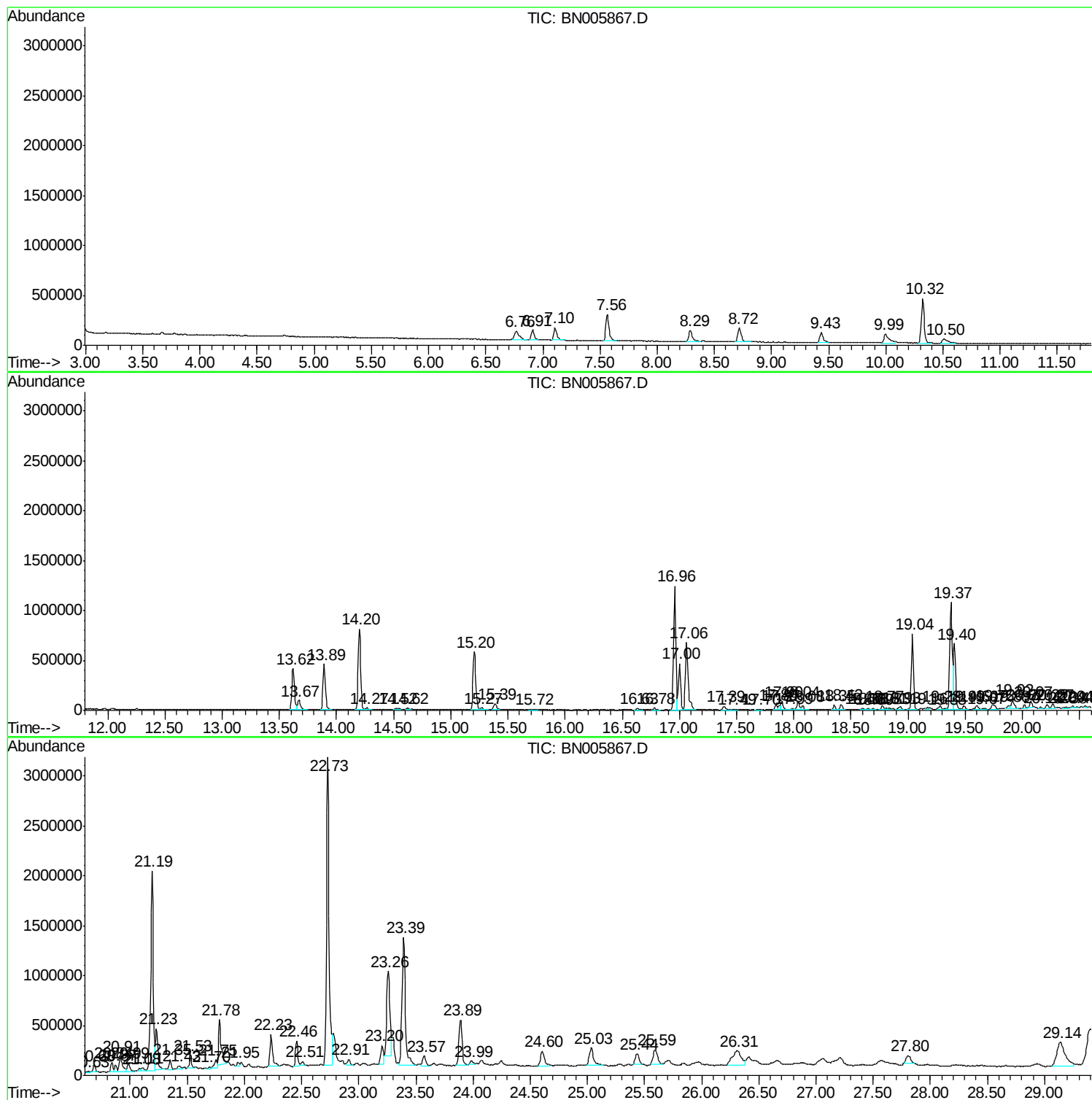
Sum of corrected areas: 37202836

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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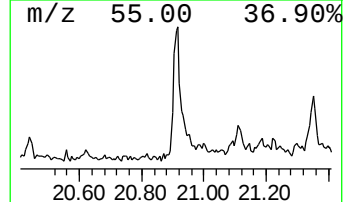
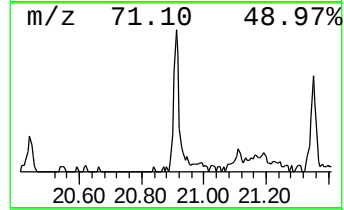
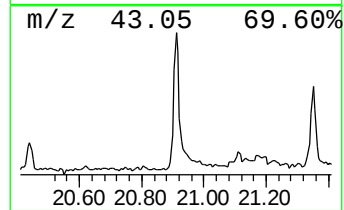
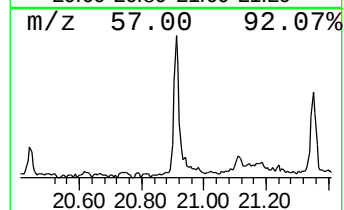
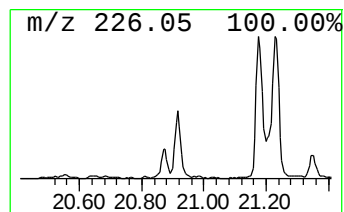
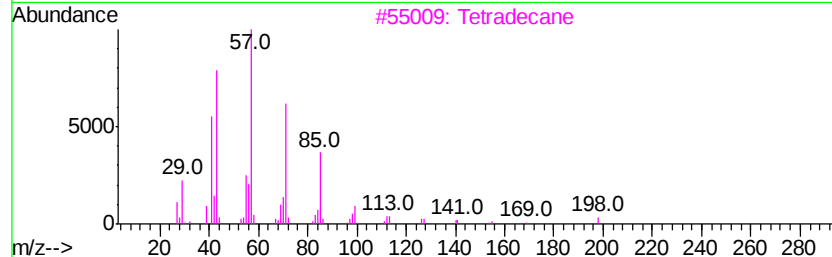
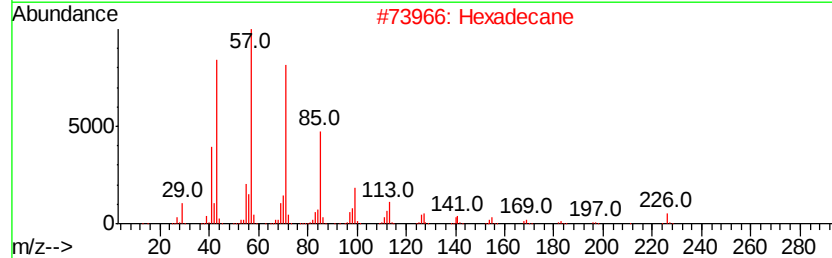
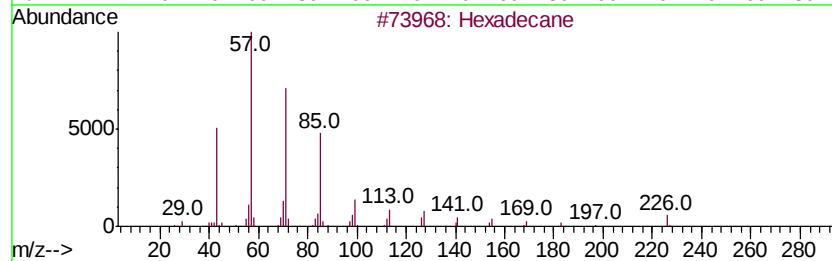
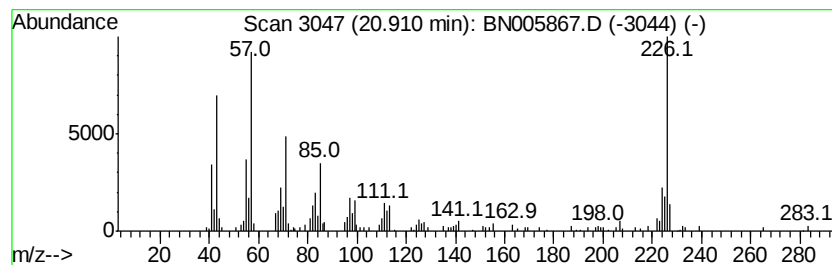
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	2.02 ng/ul	318209	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	76
2		Hexadecane	226	C16H34	000544-76-3	70
3		Tetradecane	198	C14H30	000629-59-4	35
4		Tetradecane	198	C14H30	000629-59-4	35
5		Hentriacontane	437	C31H64	000630-04-6	25



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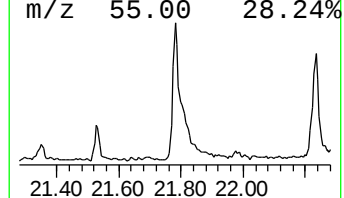
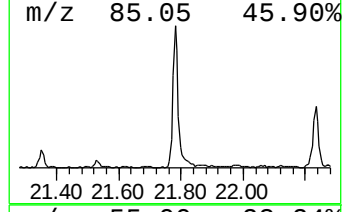
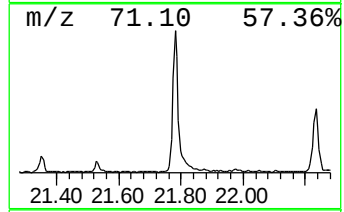
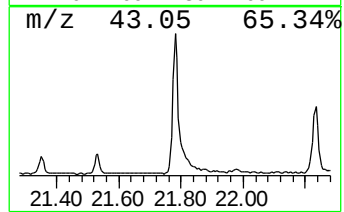
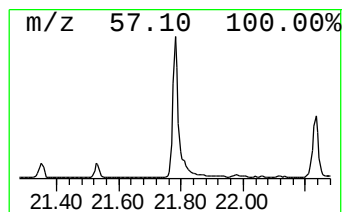
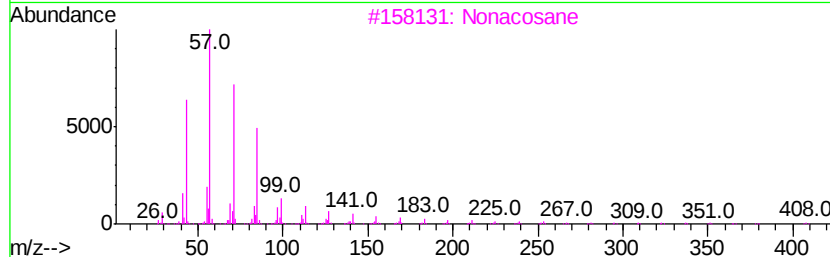
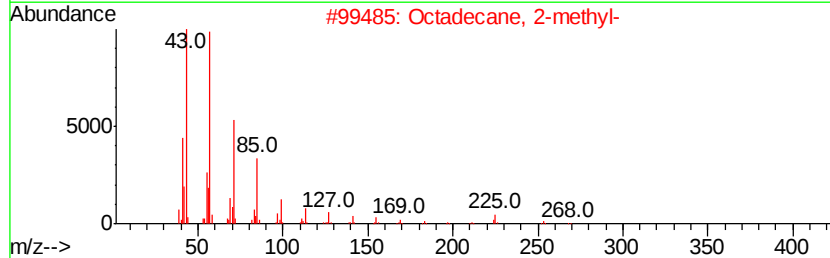
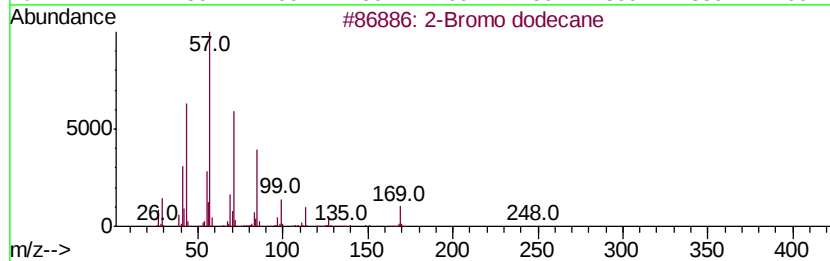
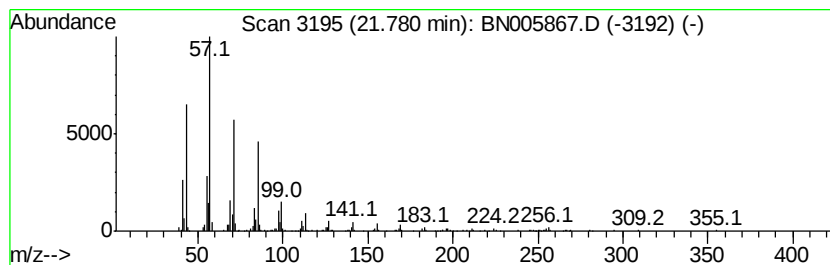
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TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 2 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.78	4.58 ng/ul	721398	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Bromo dodecane		248 C12H25Br	013187-99-0 91
2	Octadecane, 2-methyl-		268 C19H40	001560-88-9 91
3	Nonacosane		408 C29H60	000630-03-5 91
4	Heptadecane, 9-octyl-		352 C25H52	007225-64-1 91
5	Octacosane		394 C28H58	000630-02-4 91



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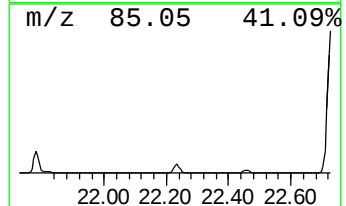
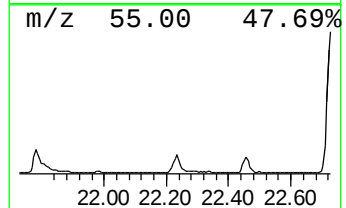
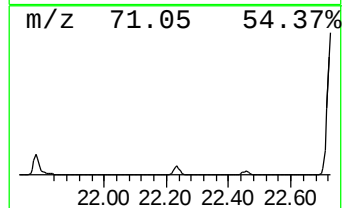
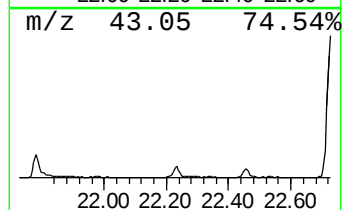
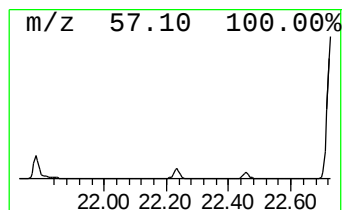
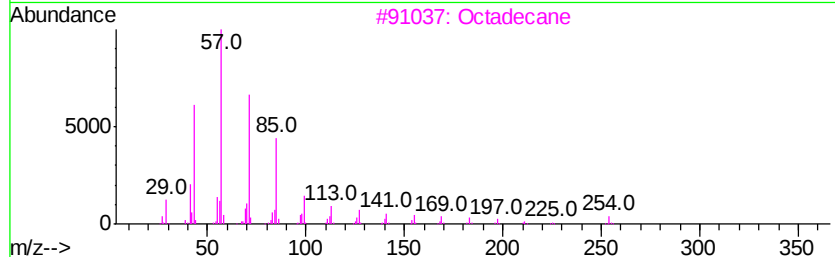
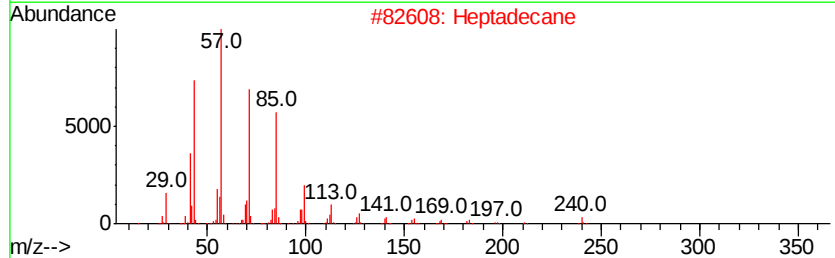
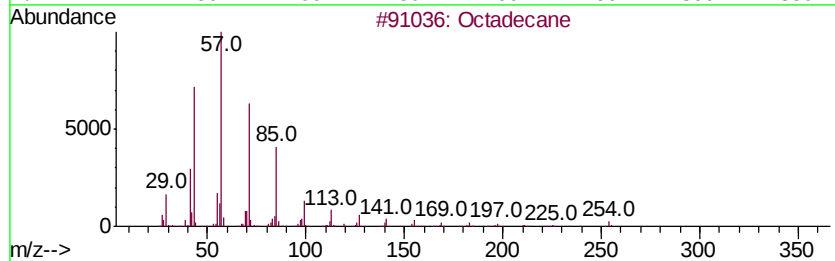
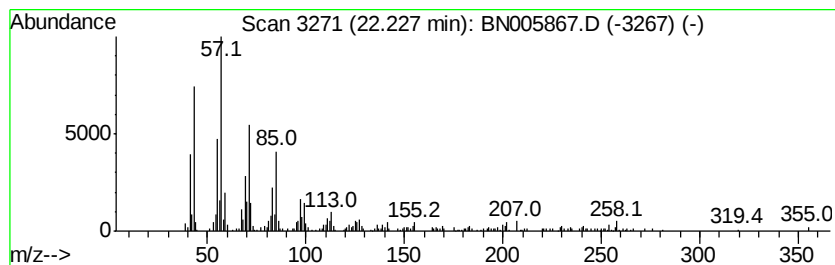
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	3.40 ng/ul	535121	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	96
2		Heptadecane	240	C17H36	000629-78-7	96
3		Octadecane	254	C18H38	000593-45-3	94
4		Octadecane	254	C18H38	000593-45-3	92
5		Tetratetracontane	619	C44H90	007098-22-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
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Acq On : 23 May 2019 01:13
Operator : JU/SJ
Sample : K2925-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

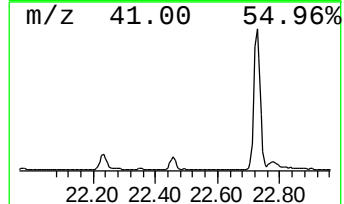
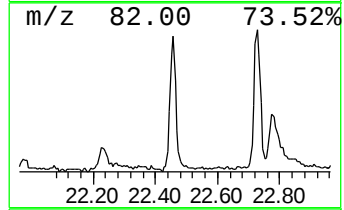
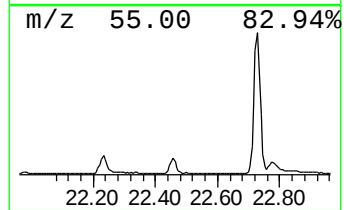
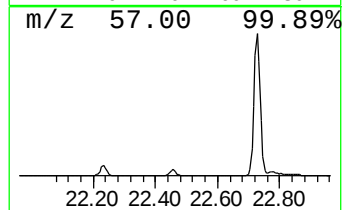
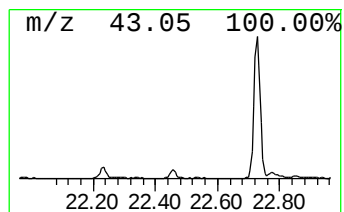
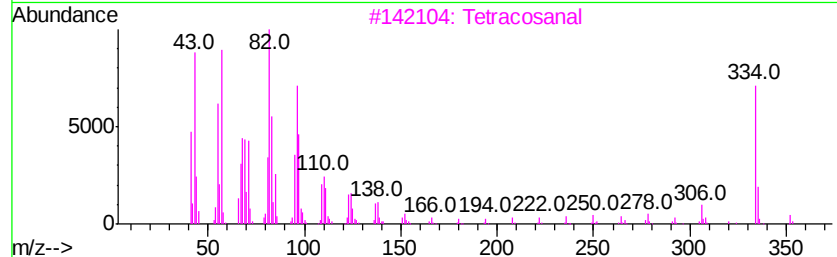
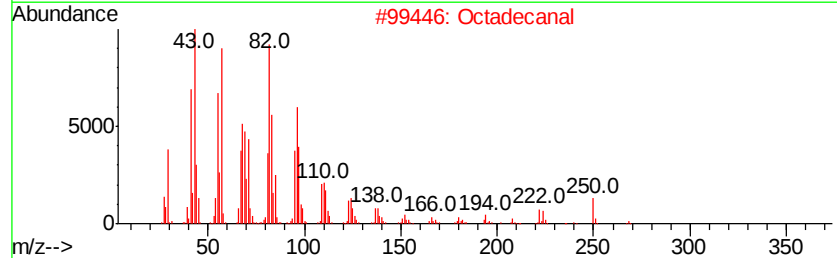
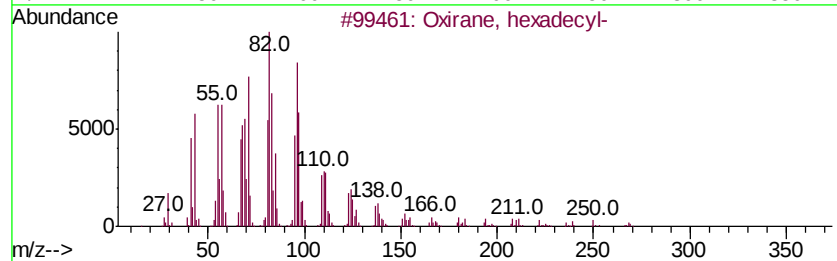
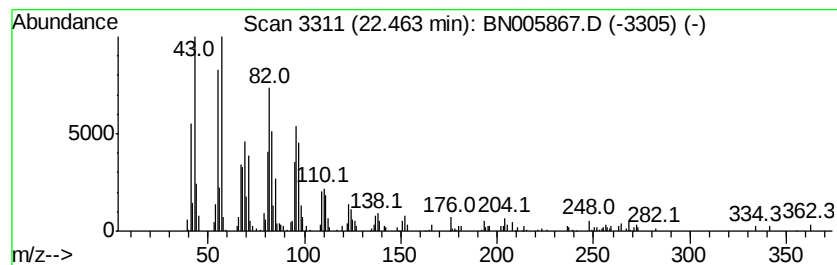
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ClientSampled :
A42F5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Oxirane, hexadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
22.46	2.62 ng/ul	349385	Perylene-d12		23.39	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	91
2	Octadecanal		268	C18H36O	000638-66-4	91
3	Tetracosanal		352	C24H48O	057866-08-7	90
4	Octadecanal		268	C18H36O	000638-66-4	87
5	16-Heptadecenal		252	C17H32O	1000144-57-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005867.D
Acq On : 23 May 2019 01:13
Operator : JU/SJ
Sample : K2925-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42F5

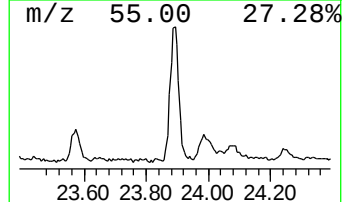
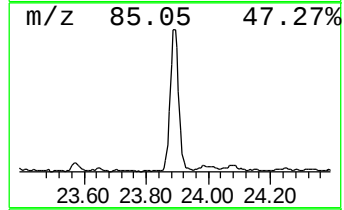
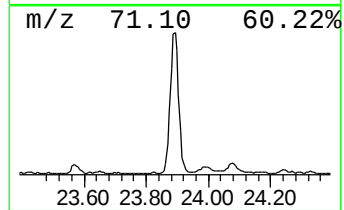
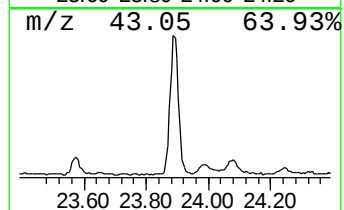
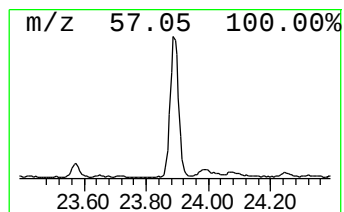
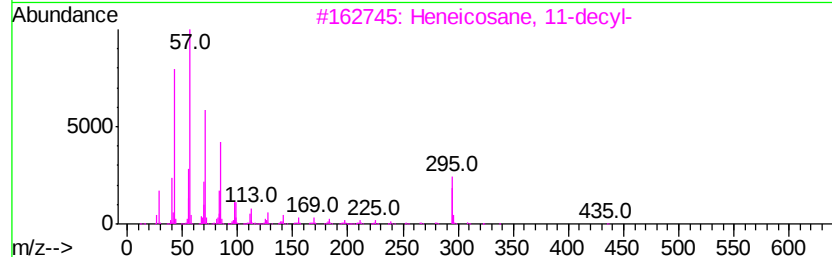
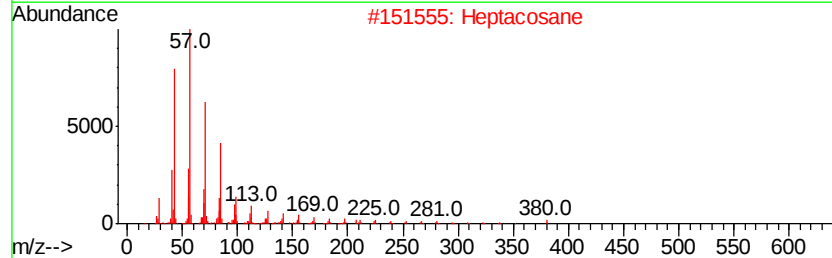
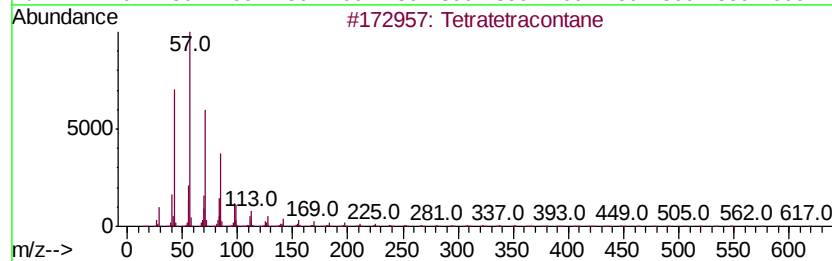
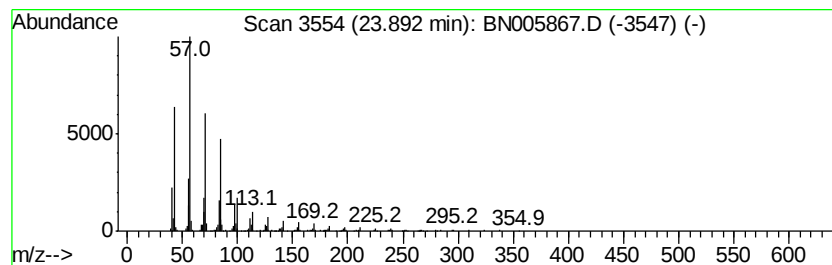
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	6.58 ng/ul	878731	Perylene-d12	23.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	94
2			Heptacosane	380	C27H56	000593-49-7	91
3			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
4			Tetratriacontane	479	C34H70	014167-59-0	91
5			Nonacosane	408	C29H60	000630-03-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005867.D
Acq On : 23 May 2019 01:13
Operator : JU/SJ
Sample : K2925-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42F5

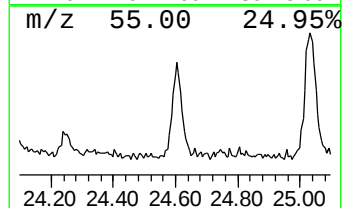
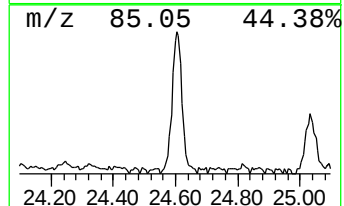
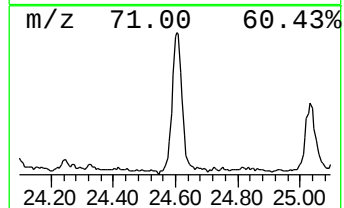
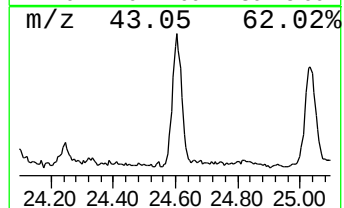
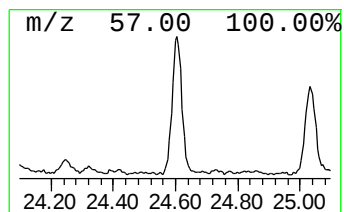
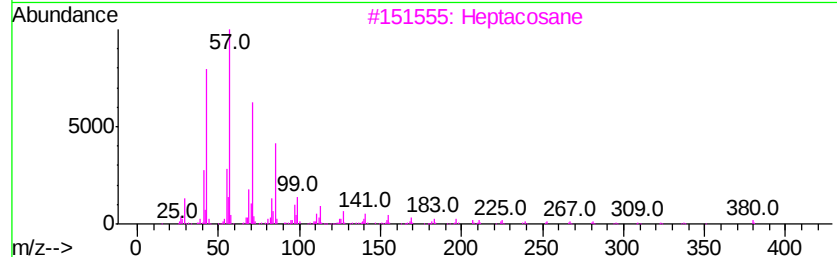
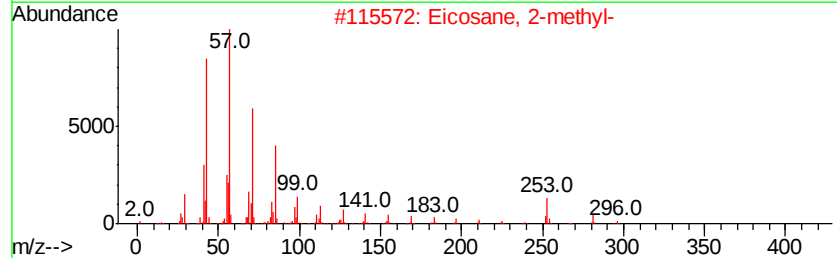
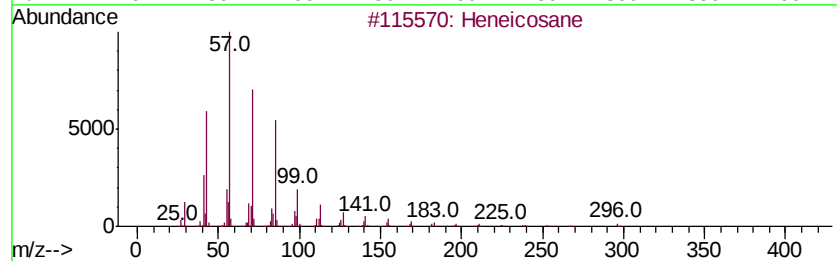
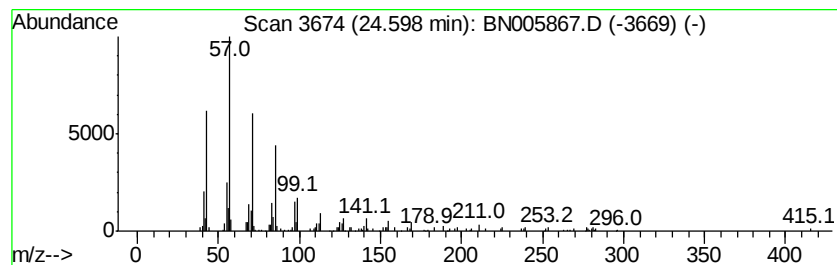
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	2.62 ng/ul	349488	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	94
3		Heptacosane	380	C27H56	000593-49-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005867.D
Acq On : 23 May 2019 01:13
Operator : JU/SJ
Sample : K2925-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42F5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.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
(DEL) Alkane: Str...	20.91	2.0	ng/ul	318209	5	21.19	3152050	20.0
2-Bromo dodecane	21.78	4.6	ng/ul	721398	5	21.19	3152050	20.0
(DEL) Alkane: Str...	22.23	3.4	ng/ul	535121	5	21.19	3152050	20.0
Oxirane, hexadecyl-	22.46	2.6	ng/ul	349385	6	23.39	2670550	20.0
(DEL) Alkane: Str...	23.89	6.6	ng/ul	878731	6	23.39	2670550	20.0
(DEL) Alkane: Str...	24.60	2.6	ng/ul	349488	6	23.39	2670550	20.0
2,2,4a,6a,8a,9,12...	29.14	9.0	ng/ul	1206350	6	23.39	2670550	20.0