

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005936.D
 Acq On : 29 May 2019 18:30
 Operator : JU/SJ
 Sample : K2924-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4270

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-BN052819MA.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	3.260	15	18	32	rVB	100747	170884	1.14%	0.116%
2	3.671	85	88	96	rVB4	22003	28803	0.19%	0.020%
3	3.766	100	104	112	rBV	125930	175040	1.17%	0.119%
4	3.836	113	116	120	rVB2	13723	19200	0.13%	0.013%
5	3.889	120	125	130	rBV	85718	124592	0.83%	0.085%
6	3.983	138	141	145	rVB3	16093	18986	0.13%	0.013%
7	4.077	154	157	162	rVB6	15078	21898	0.15%	0.015%
8	4.342	198	202	206	rVB6	13565	20927	0.14%	0.014%
9	4.865	287	291	303	rVB	102242	165954	1.11%	0.113%
10	4.960	303	307	316	rBV3	26920	49529	0.33%	0.034%
11	5.830	452	455	461	rVB2	17659	28272	0.19%	0.019%
12	6.136	500	507	511	rBV3	16103	26923	0.18%	0.018%
13	6.601	580	586	592	rBV5	22966	39550	0.26%	0.027%
14	6.707	599	604	610	rBV6	10914	25776	0.17%	0.018%
15	6.895	628	636	648	rVB	2224800	3539372	23.66%	2.406%
16	7.065	658	665	675	rBV	1698468	2621363	17.52%	1.782%
17	7.259	691	698	705	rBV	2206653	3426939	22.91%	2.330%
18	7.730	769	778	784	rBV	1425329	2298304	15.36%	1.562%
19	7.789	784	788	795	rVB2	38810	65436	0.44%	0.044%
20	8.259	865	868	876	rVB7	10837	22691	0.15%	0.015%
21	8.424	889	896	904	rBV	2491543	3896015	26.05%	2.648%
22	8.877	966	973	982	rBV	2028473	3250976	21.73%	2.210%
23	9.042	996	1001	1010	rVB5	25467	46944	0.31%	0.032%
24	9.306	1041	1046	1051	rVB	53523	74525	0.50%	0.051%
25	9.595	1087	1095	1102	rBV	1614138	2549457	17.04%	1.733%
26	10.124	1177	1185	1198	rBV	2692724	4572503	30.57%	3.108%
27	10.512	1242	1251	1258	rBV	2131733	3578342	23.92%	2.433%
28	10.642	1265	1273	1289	rBV	1874372	3373356	22.55%	2.293%
29	12.036	1499	1510	1517	rVV	134557	242908	1.62%	0.165%
30	12.100	1517	1521	1526	rVB3	50727	81920	0.55%	0.056%
31	13.200	1705	1708	1713	rVB4	15240	18970	0.13%	0.013%
32	13.265	1716	1719	1725	rVV8	11762	20833	0.14%	0.014%
33	13.541	1759	1766	1770	rBV	31088	48624	0.33%	0.033%
34	13.589	1770	1774	1780	rVV7	9775	18350	0.12%	0.012%

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35	13.777	1799	1806	1811	rBV	4578791	6593973	44.08%	4.482%
36	13.824	1811	1814	1823	rVB	1543909	2007382	13.42%	1.365%
37	14.059	1847	1854	1865	rVB	5703857	8332657	55.71%	5.664%
38	14.277	1886	1891	1896	rVB2	22979	34795	0.23%	0.024%
39	14.371	1896	1907	1914	rBV2	3202894	5021425	33.57%	3.413%
40	14.559	1932	1939	1961	rBV	2486174	3561966	23.81%	2.421%
41	14.718	1961	1966	1971	rVV	106655	178234	1.19%	0.121%
42	14.788	1973	1978	1985	rVV7	48765	93766	0.63%	0.064%
43	14.971	2005	2009	2011	rBV4	14799	19255	0.13%	0.013%
44	15.030	2014	2019	2025	rVB5	19834	37662	0.25%	0.026%
45	15.136	2033	2037	2041	rBV6	12502	21674	0.14%	0.015%
46	15.183	2041	2045	2050	rVV3	25489	44701	0.30%	0.030%
47	15.230	2050	2053	2060	rVB3	36678	46372	0.31%	0.032%
48	15.365	2067	2076	2083	rBV	7308724	10269218	68.65%	6.981%
49	15.424	2083	2086	2089	rVB4	24485	30149	0.20%	0.020%
50	15.477	2089	2095	2109	rBV	1555380	2179039	14.57%	1.481%
51	15.606	2111	2117	2122	rBV	94999	144516	0.97%	0.098%
52	16.035	2187	2190	2192	rBV4	16494	19418	0.13%	0.013%
53	16.094	2197	2200	2203	rVV3	36818	47286	0.32%	0.032%
54	16.147	2206	2209	2214	rVB4	37394	54903	0.37%	0.037%
55	16.265	2225	2229	2233	rVB5	13420	19694	0.13%	0.013%
56	16.524	2268	2273	2277	rVB8	18253	23374	0.16%	0.016%
57	16.665	2292	2297	2300	rBV3	47440	71031	0.47%	0.048%
58	16.794	2317	2319	2322	rVB4	22689	26867	0.18%	0.018%
59	16.865	2324	2331	2332	rBV6	14011	27433	0.18%	0.019%
60	16.894	2332	2336	2340	rVV3	34697	68029	0.45%	0.046%
61	16.935	2340	2343	2350	rVB6	26612	44932	0.30%	0.031%
62	17.118	2368	2374	2379	rBV2	4690663	6507800	43.51%	4.424%
63	17.159	2379	2381	2385	rVV	177752	203701	1.36%	0.138%
64	17.218	2385	2391	2402	rVV	7906151	11026569	73.72%	7.496%
65	17.465	2430	2433	2435	rBV2	22808	24306	0.16%	0.017%
66	17.630	2458	2461	2464	rBV2	17944	20655	0.14%	0.014%
67	17.794	2486	2489	2494	rVB5	24893	38708	0.26%	0.026%
68	18.024	2519	2528	2537	rBV2	885445	1443143	9.65%	0.981%
69	18.188	2552	2556	2560	rBV4	63664	114091	0.76%	0.078%
70	18.224	2560	2562	2567	rVB2	47591	56807	0.38%	0.039%
71	18.347	2576	2583	2587	rBV4	96478	187743	1.26%	0.128%

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72	18.500	2605	2609	2612	rBV	79295	99956	0.67%	0.068%
73	18.835	2663	2666	2669	rVB3	23280	29624	0.20%	0.020%
74	18.918	2675	2680	2684	rBV2	138511	205370	1.37%	0.140%
75	18.965	2684	2688	2693	rBV7	54471	96458	0.64%	0.066%
76	19.059	2701	2704	2711	rBV5	41655	79136	0.53%	0.054%
77	19.153	2716	2720	2721	rVV	141708	178396	1.19%	0.121%
78	19.182	2721	2725	2732	rVB	834197	1120256	7.49%	0.762%
79	19.312	2743	2747	2755	rBV2	289386	469615	3.14%	0.319%
80	19.406	2760	2763	2770	rVB2	99555	172487	1.15%	0.117%
81	19.524	2776	2783	2797	rBV	9821036	14958057	100.00%	10.168%
82	19.629	2797	2801	2807	rVB2	48625	91339	0.61%	0.062%
83	19.871	2839	2842	2844	rBV3	73412	103964	0.70%	0.071%
84	20.047	2869	2872	2875	rVB	131038	157509	1.05%	0.107%
85	20.082	2875	2878	2882	rVB2	111983	115365	0.77%	0.078%
86	20.347	2921	2923	2926	rVB	77066	71642	0.48%	0.049%
87	20.582	2960	2963	2967	rVB	177159	174811	1.17%	0.119%
88	20.800	2997	3000	3006	rBV	103270	138722	0.93%	0.094%
89	21.041	3037	3041	3047	rBV	1373715	1793877	11.99%	1.219%
90	21.253	3073	3077	3082	rBV	956718	1031903	6.90%	0.701%
91	21.329	3083	3090	3094	rVV	5928703	8447638	56.48%	5.743%
92	21.365	3094	3096	3105	rVB	540551	645685	4.32%	0.439%
93	21.488	3114	3117	3121	rBV2	440781	535826	3.58%	0.364%
94	21.935	3189	3193	3206	rBV2	663707	1362611	9.11%	0.926%
95	22.400	3268	3272	3277	rBV	686700	939522	6.28%	0.639%
96	22.917	3355	3360	3364	rBV	1029967	1690439	11.30%	1.149%
97	23.453	3444	3451	3455	rBV2	5678107	10490706	70.13%	7.131%
98	23.594	3468	3475	3482	rBV	3202642	6191739	41.39%	4.209%
99	24.147	3565	3569	3576	rVB2	716697	1308389	8.75%	0.889%
100	24.900	3693	3697	3704	rVB	519400	1096814	7.33%	0.746%

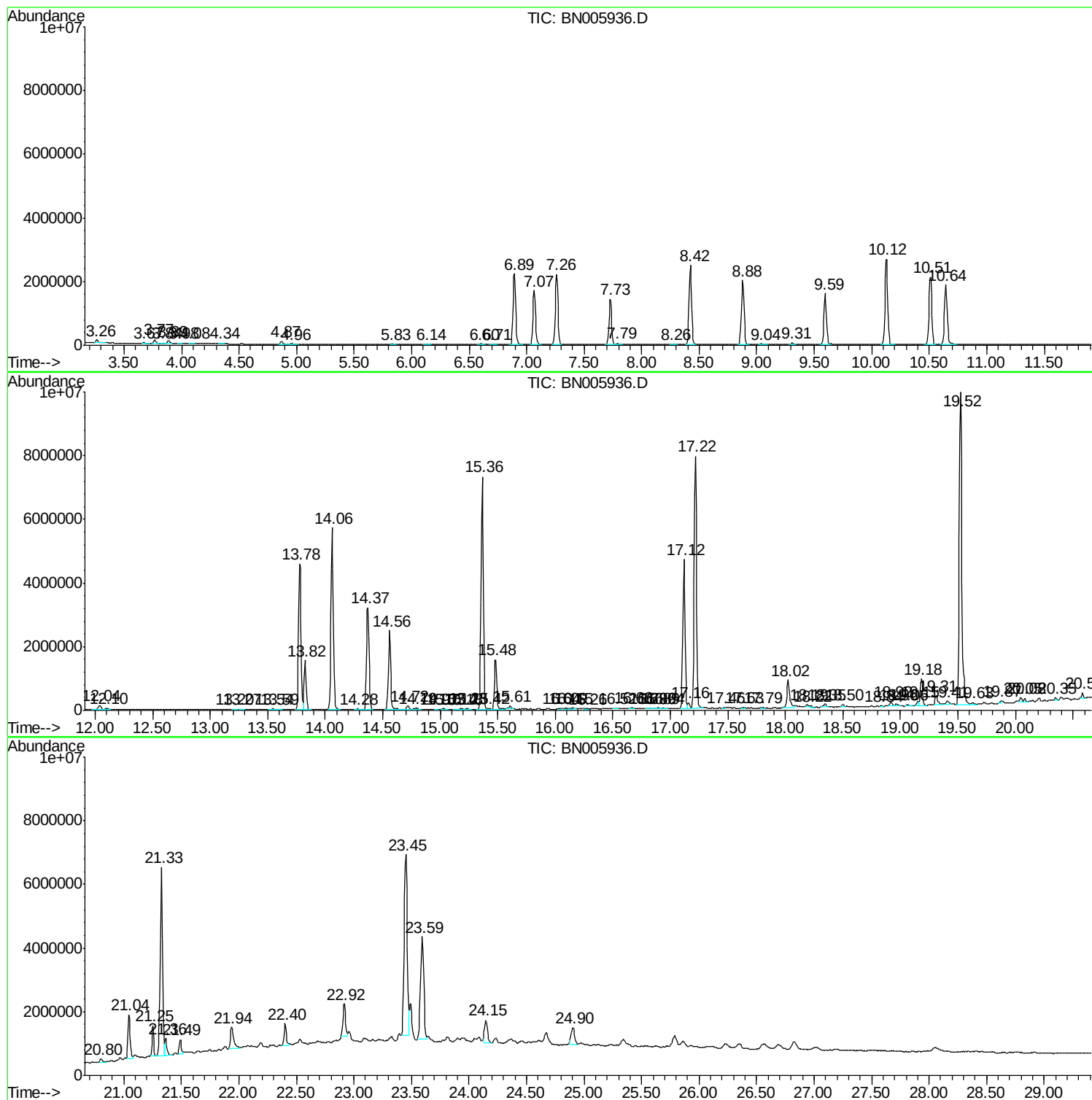
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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



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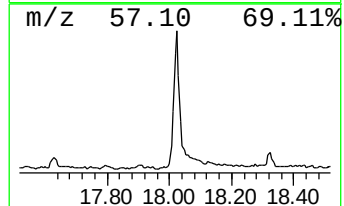
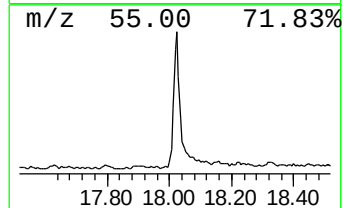
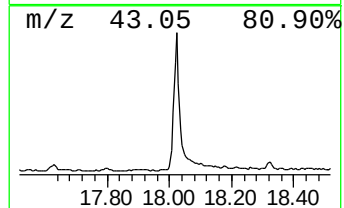
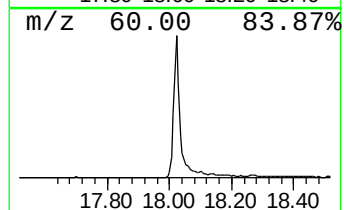
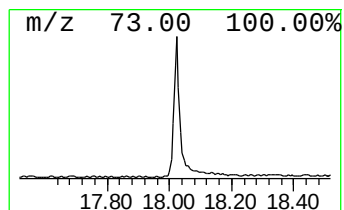
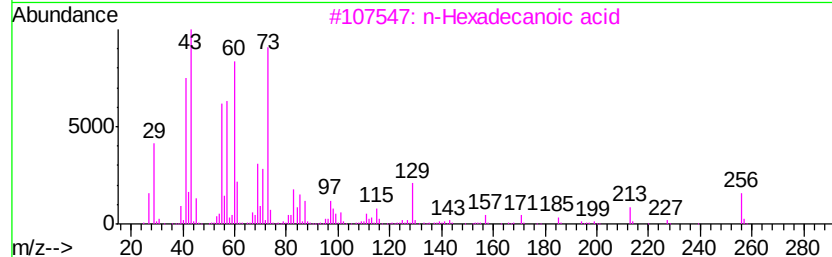
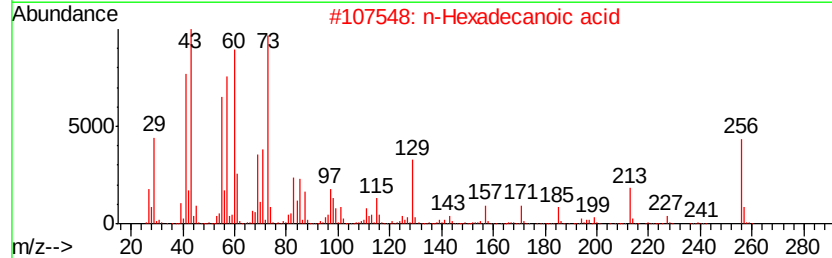
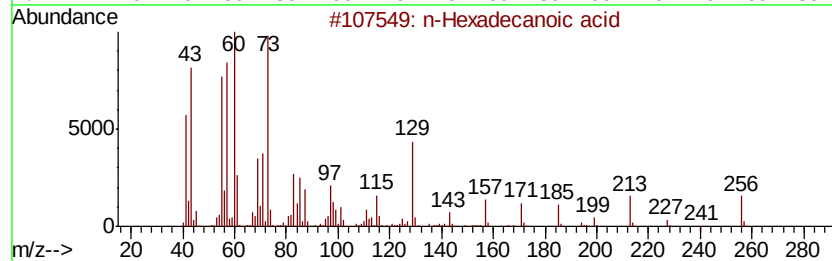
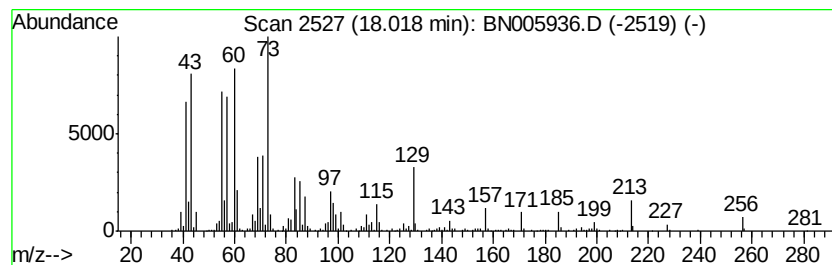
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.02	4.44 ng/ul	1443140	Phenanthrene-d10	17.12		
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	98	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	94	
5	Dodecanoic acid	200	C12H24O2	000143-07-7	89	



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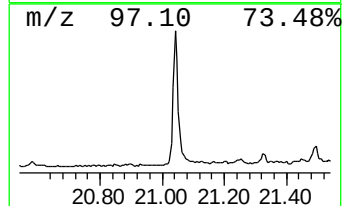
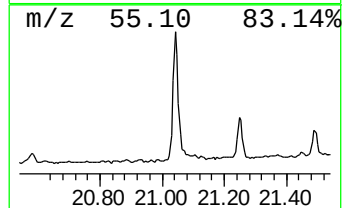
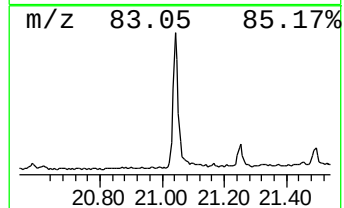
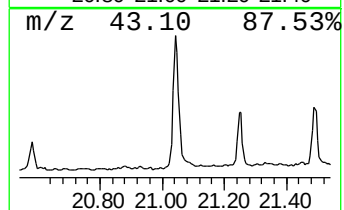
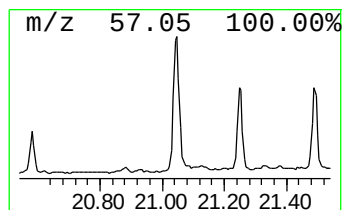
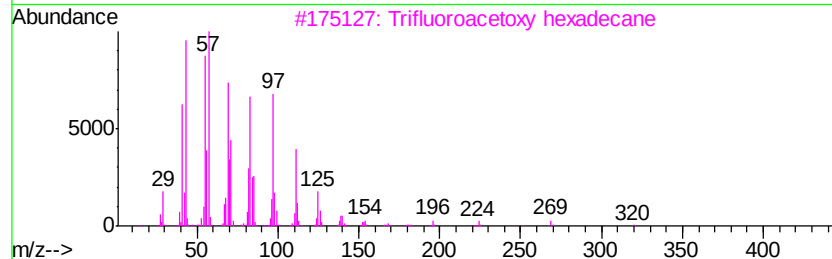
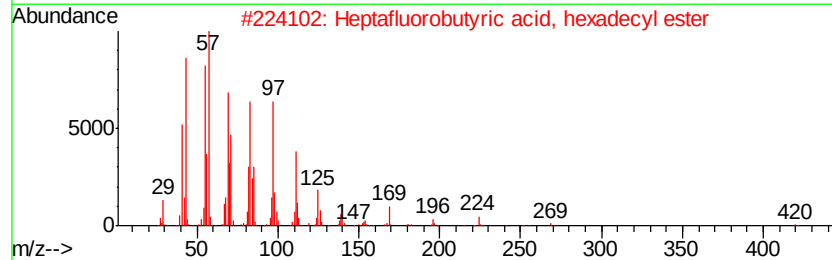
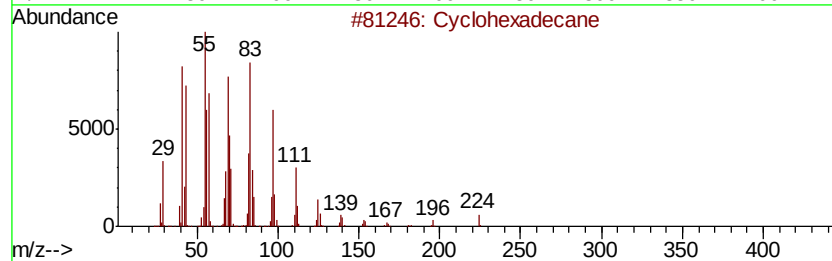
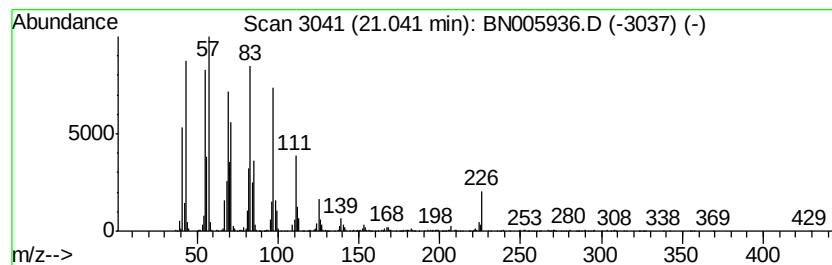
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic21.04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	4.25 ng/ul	1793880	Chrysene-d12	21.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 94
2		Heptafluorobutyric acid, hexadec...	438 C20H33F7O2	006385-15-5 94
3		Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3 94
4		1-Heneicosanol	312 C21H44O	015594-90-8 93
5		Z-8-Hexadecene	224 C16H32	1000130-87-5 93



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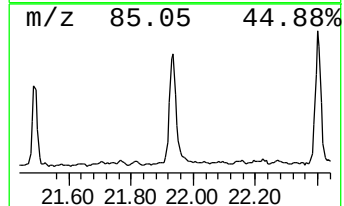
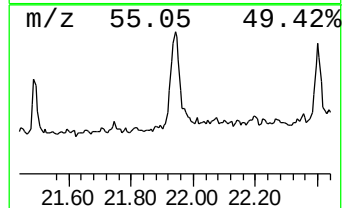
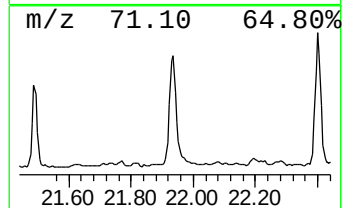
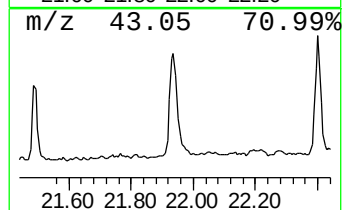
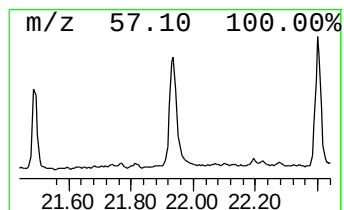
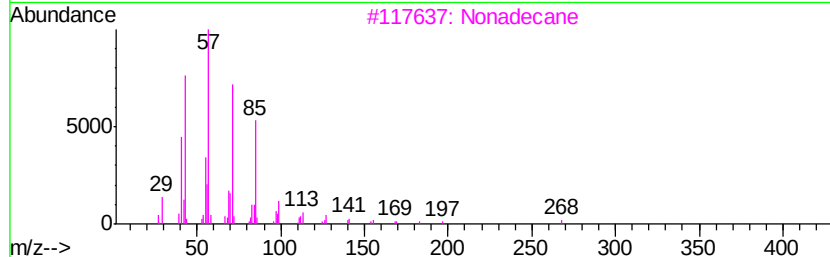
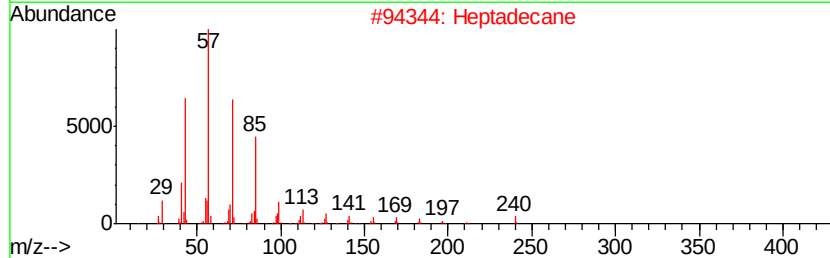
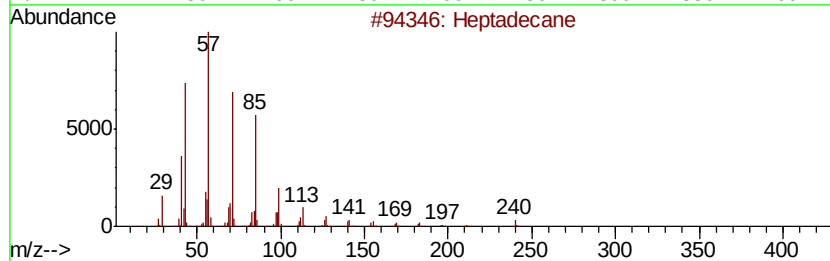
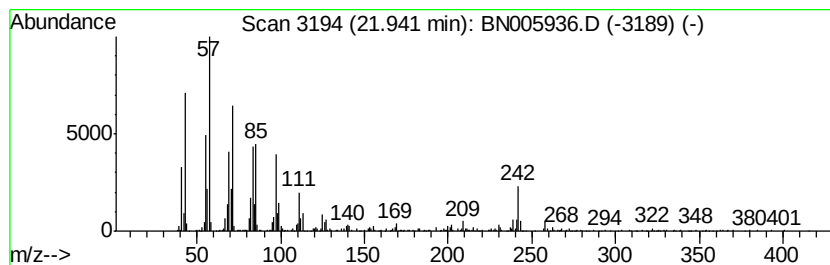
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	3.23 ng/ul	1362610	Chrysene-d12	21.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Heptadecane		240	C17H36	000629-78-7	93
3	Nonadecane		268	C19H40	000629-92-5	93
4	Hexadecane		226	C16H34	000544-76-3	92
5	Nonadecane		268	C19H40	000629-92-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005936.D
Acq On : 29 May 2019 18:30
Operator : JU/SJ
Sample : K2924-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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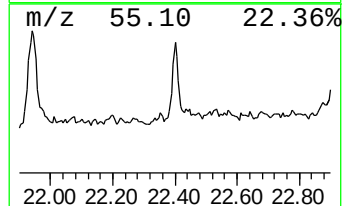
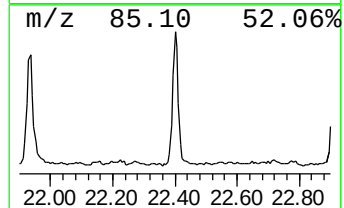
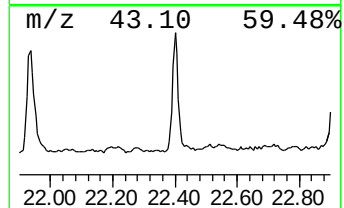
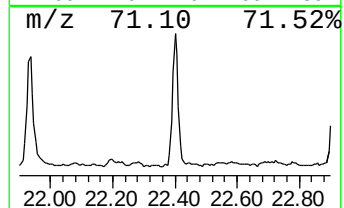
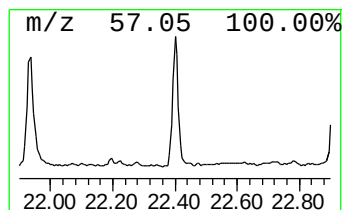
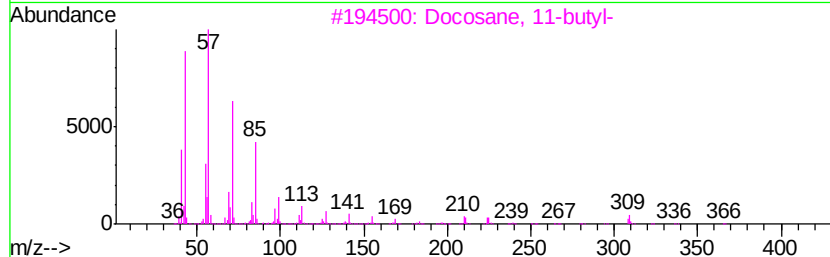
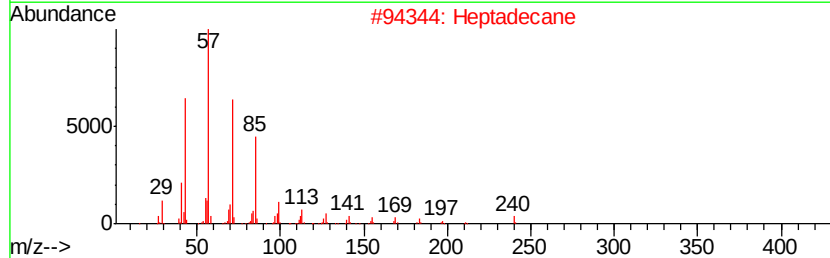
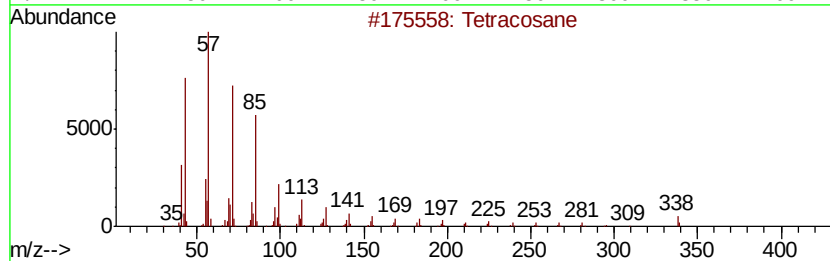
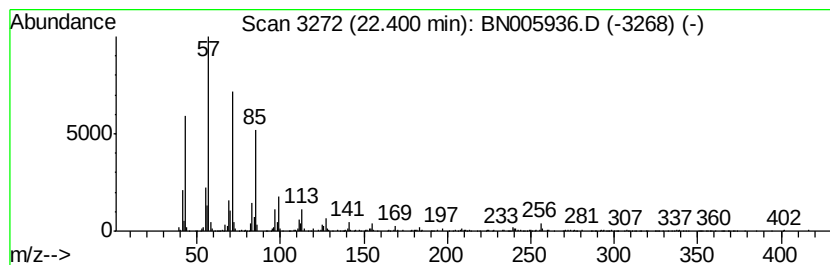
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	2.22 ng/ul	939522	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Heptadecane	240	C17H36	000629-78-7	94
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005936.D
Acq On : 29 May 2019 18:30
Operator : JU/SJ
Sample : K2924-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4270

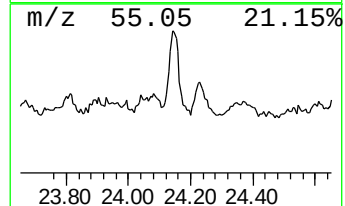
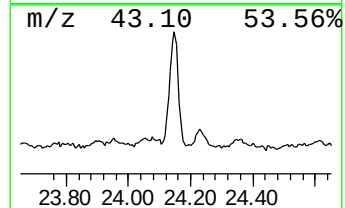
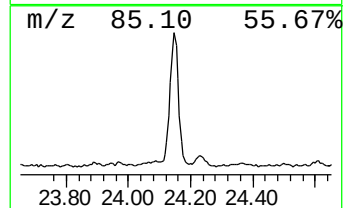
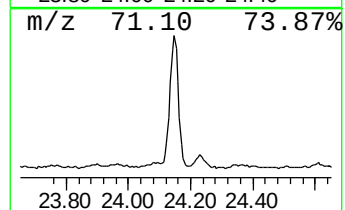
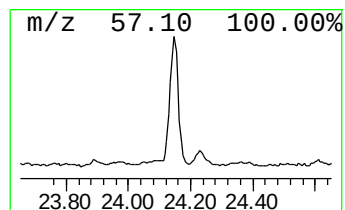
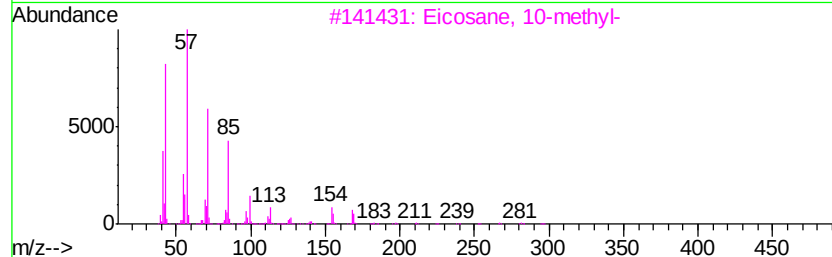
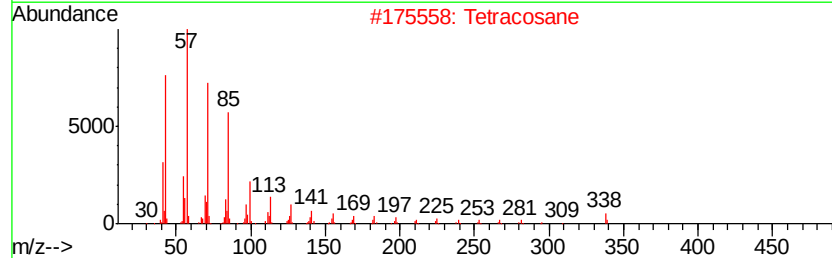
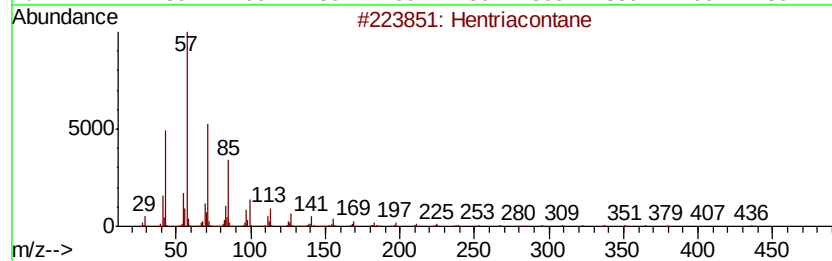
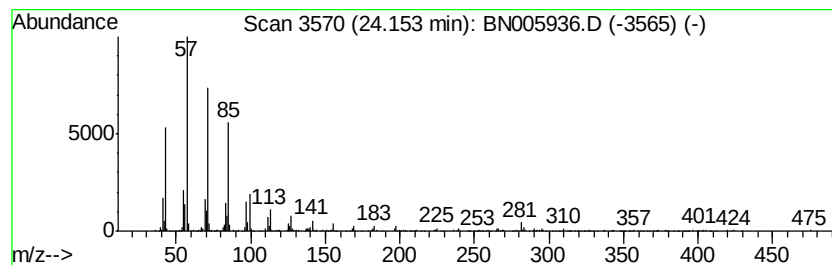
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.15	4.23 ng/ul	1308390	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	97
2		Tetracosane	338	C24H50	000646-31-1	97
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptacosane	380	C27H56	000593-49-7	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005936.D
Acq On : 29 May 2019 18:30
Operator : JU/SJ
Sample : K2924-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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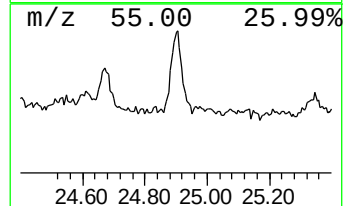
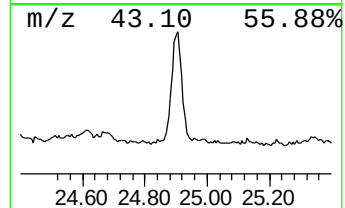
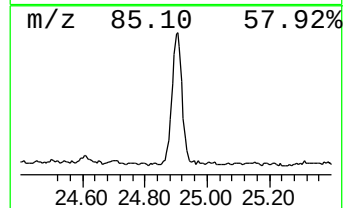
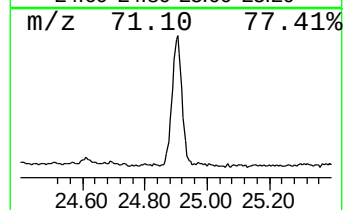
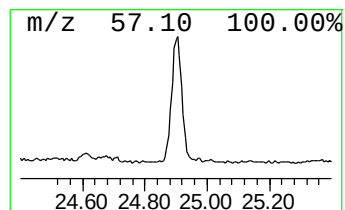
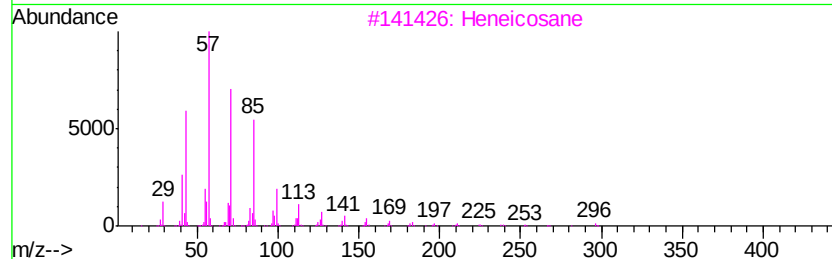
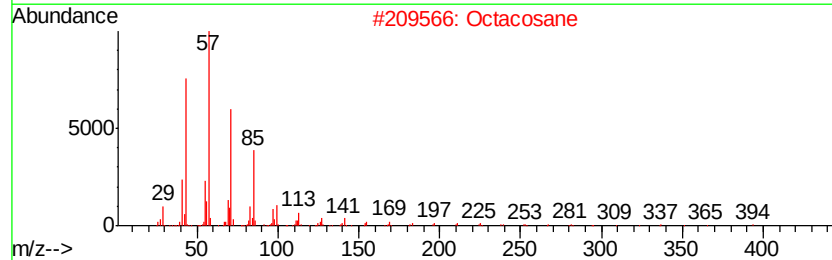
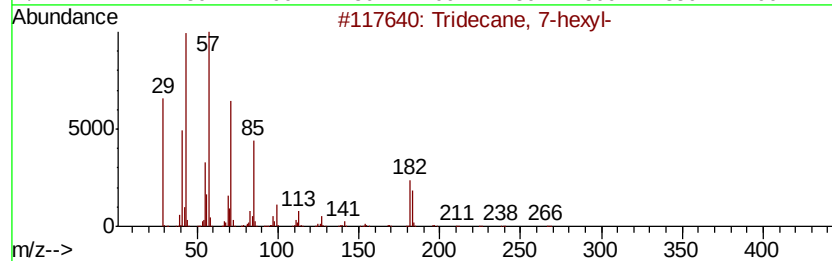
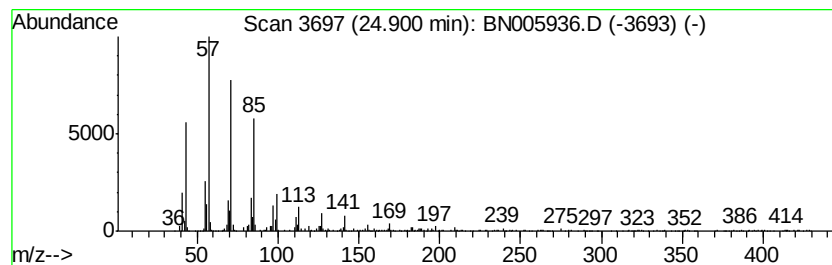
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.90	3.54 ng/ul	1096810	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	96
2		Octacosane	394	C28H58	000630-02-4	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Docosane, 11-decyl-	451	C32H66	055401-55-3	91
5		Hexatriacontane	507	C36H74	000630-06-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
Data File : BN005936.D
Acq On : 29 May 2019 18:30
Operator : JU/SJ
Sample : K2924-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.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
n-Hexadecanoic acid	18.02	4.4	ng/ul	1443140	4	17.12	6507800	20.0
(DEL) Alkane: Cyc...	21.04	4.3	ng/ul	1793880	5	21.33	8447640	20.0
(DEL) Alkane: Str...	21.94	3.2	ng/ul	1362610	5	21.33	8447640	20.0
(DEL) Alkane: Str...	22.40	2.2	ng/ul	939522	5	21.33	8447640	20.0
(DEL) Alkane: Str...	24.15	4.2	ng/ul	1308390	6	23.59	6191740	20.0
(DEL) Alkane: Str...	24.90	3.5	ng/ul	1096810	6	23.59	6191740	20.0