

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
 Data File : BM019412.D
 Acq On : 25 Mar 2019 03:13
 Operator : JU/SJ
 Sample : K2044-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5W4

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_M\METHODS\SOM-EPA-BM032219MA.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	3.146	24	27	34	rVB	37563	49365	1.89%	0.165%
2	3.581	99	101	103	rVB3	4034	2939	0.11%	0.010%
3	3.651	110	113	119	rVB3	13059	16850	0.64%	0.056%
4	3.746	125	129	135	rVB	18670	27814	1.06%	0.093%
5	3.846	143	146	149	rBV4	5060	5677	0.22%	0.019%
6	4.187	201	204	209	rBV3	7981	15606	0.60%	0.052%
7	4.393	237	239	243	rVB5	2859	2853	0.11%	0.010%
8	4.745	295	299	301	rBV	21205	26062	1.00%	0.087%
9	4.769	301	303	313	rVB	39193	63462	2.42%	0.212%
10	5.834	480	484	485	rBV4	3013	3673	0.14%	0.012%
11	5.881	491	492	497	rBV5	2320	2713	0.10%	0.009%
12	6.116	529	532	534	rBV3	2482	2783	0.11%	0.009%
13	6.187	543	544	548	rBV3	2258	2667	0.10%	0.009%
14	6.787	640	646	659	rBV2	263404	576156	22.01%	1.927%
15	6.957	670	675	692	rBV	215783	394903	15.09%	1.321%
16	7.069	692	694	697	rVB3	3419	3345	0.13%	0.011%
17	7.139	700	706	720	rBV	320236	534388	20.42%	1.787%
18	7.351	738	742	745	rVB3	2532	3376	0.13%	0.011%
19	7.604	778	785	799	rBV	582712	956793	36.55%	3.200%
20	8.322	901	907	920	rBV	319375	605865	23.15%	2.026%
21	8.451	924	929	935	rVB4	10474	20995	0.80%	0.070%
22	8.775	978	984	998	rBV	255782	478553	18.28%	1.601%
23	8.951	1013	1014	1020	rVB2	3150	4560	0.17%	0.015%
24	9.104	1035	1040	1044	rVB3	10973	16233	0.62%	0.054%
25	9.486	1099	1105	1119	rBV	210355	384803	14.70%	1.287%
26	9.745	1144	1149	1155	rBV4	2680	5065	0.19%	0.017%
27	10.022	1190	1196	1216	rBV	303721	631731	24.13%	2.113%
28	10.386	1251	1258	1269	rBV	840807	1389267	53.07%	4.647%
29	10.551	1280	1286	1304	rBV	205757	516962	19.75%	1.729%
30	10.704	1311	1312	1319	rVB4	2783	3774	0.14%	0.013%
31	11.539	1450	1454	1458	rBV3	2604	4019	0.15%	0.013%
32	11.586	1458	1462	1466	rBV4	2993	4527	0.17%	0.015%
33	11.951	1519	1524	1528	rBV5	3614	6661	0.25%	0.022%
34	11.998	1531	1532	1536	rVB2	3196	3317	0.13%	0.011%

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35	12.851	1675	1677	1681	rVB3	3320	3188	0.12%	0.011%
36	13.151	1723	1728	1731	rBV2	1678	2781	0.11%	0.009%
37	13.539	1792	1794	1800	rBV3	2271	4359	0.17%	0.015%
38	13.680	1812	1818	1823	rBV	716637	1003071	38.32%	3.355%
39	13.733	1823	1827	1835	rVB	129733	202035	7.72%	0.676%
40	13.957	1856	1865	1875	rBV	797386	1206240	46.08%	4.034%
41	14.068	1882	1884	1888	rVB4	3877	4497	0.17%	0.015%
42	14.127	1888	1894	1895	rVV3	2138	2861	0.11%	0.010%
43	14.145	1895	1897	1900	rVB4	3515	4270	0.16%	0.014%
44	14.263	1911	1917	1926	rBV2	1229583	1864910	71.25%	6.238%
45	14.486	1950	1955	1956	rBV2	2270	2824	0.11%	0.009%
46	14.521	1956	1961	1986	rVV2	76278	276449	10.56%	0.925%
47	14.692	1986	1990	1995	rBV3	16385	26152	1.00%	0.087%
48	15.051	2047	2051	2054	rBV3	4680	6452	0.25%	0.022%
49	15.104	2057	2060	2064	rVB3	6760	10337	0.39%	0.035%
50	15.262	2081	2087	2100	rBV	1075618	1591076	60.78%	5.322%
51	15.410	2107	2112	2124	rBV	101234	173509	6.63%	0.580%
52	15.509	2124	2129	2134	rVV5	13000	18733	0.72%	0.063%
53	15.551	2134	2136	2141	rVB2	2645	4136	0.16%	0.014%
54	15.662	2153	2155	2159	rVB3	3213	3787	0.14%	0.013%
55	15.768	2172	2173	2178	rBV3	2792	3495	0.13%	0.012%
56	15.851	2185	2187	2191	rVB2	2942	3166	0.12%	0.011%
57	15.968	2203	2207	2208	rBV2	7904	7943	0.30%	0.027%
58	16.051	2218	2221	2224	rVV4	3646	4579	0.17%	0.015%
59	16.092	2226	2228	2231	rVB4	3329	3523	0.13%	0.012%
60	16.157	2237	2239	2244	rVB5	4790	6010	0.23%	0.020%
61	16.221	2246	2250	2252	rBV3	4269	3858	0.15%	0.013%
62	16.304	2263	2264	2268	rBV2	2788	3855	0.15%	0.013%
63	16.374	2273	2276	2279	rVV4	3074	4659	0.18%	0.016%
64	16.427	2282	2285	2287	rBV3	2347	3224	0.12%	0.011%
65	16.451	2287	2289	2293	rVB3	3033	3360	0.13%	0.011%
66	16.551	2302	2306	2309	rBV5	1827	2788	0.11%	0.009%
67	16.762	2338	2342	2347	rBV5	5679	10464	0.40%	0.035%
68	16.815	2347	2351	2354	rVV5	8534	11903	0.45%	0.040%
69	16.892	2359	2364	2365	rBV3	3520	3805	0.15%	0.013%
70	16.933	2365	2371	2372	rBV5	2697	4062	0.16%	0.014%
71	17.021	2379	2386	2397	rBV	1616955	2201335	84.10%	7.363%

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72	17.121	2397	2403	2418	rVV	1172073	1684457	64.35%	5.634%
73	17.227	2418	2421	2423	rVV4	2292	2722	0.10%	0.009%
74	17.298	2430	2433	2434	rBV3	3423	3709	0.14%	0.012%
75	17.356	2442	2443	2449	rBV5	5056	7222	0.28%	0.024%
76	17.498	2466	2467	2471	rBV4	5778	6013	0.23%	0.020%
77	17.692	2497	2500	2502	rVB4	4920	4812	0.18%	0.016%
78	17.851	2526	2527	2529	rBV2	4631	4064	0.16%	0.014%
79	17.915	2532	2538	2553	rBV	162794	315950	12.07%	1.057%
80	18.086	2565	2567	2568	rBV2	6082	4537	0.17%	0.015%
81	18.203	2584	2587	2591	rVB4	13518	17482	0.67%	0.058%
82	18.756	2679	2681	2682	rBV	5192	3406	0.13%	0.011%
83	18.821	2689	2692	2693	rBV2	6964	8133	0.31%	0.027%
84	19.056	2729	2732	2735	rBV2	21451	31697	1.21%	0.106%
85	19.092	2735	2738	2743	rVB2	30381	44616	1.70%	0.149%
86	19.203	2753	2757	2766	rBV2	88053	149598	5.72%	0.500%
87	19.315	2773	2776	2778	rVB2	14608	16086	0.61%	0.054%
88	19.427	2789	2795	2805	rBV	1380201	1948618	74.44%	6.518%
89	19.668	2832	2836	2839	rBV3	15716	18121	0.69%	0.061%
90	20.462	2967	2971	2974	rBV2	47572	60028	2.29%	0.201%
91	20.927	3046	3050	3060	rBV	210434	414964	15.85%	1.388%
92	21.221	3095	3100	3112	rBV	2051181	2617558	100.00%	8.755%
93	21.362	3120	3124	3127	rBV	164129	187871	7.18%	0.628%
94	21.786	3193	3196	3200	rBV	262825	305333	11.66%	1.021%
95	22.238	3269	3273	3280	rVB	387545	497116	18.99%	1.663%
96	22.738	3354	3358	3363	rVB	378347	527481	20.15%	1.764%
97	23.291	3447	3452	3462	rVB3	1346062	2487331	95.02%	8.319%
98	23.438	3471	3477	3485	rVB2	1381102	2533586	96.79%	8.474%
99	23.921	3555	3559	3567	rVB	293795	534229	20.41%	1.787%

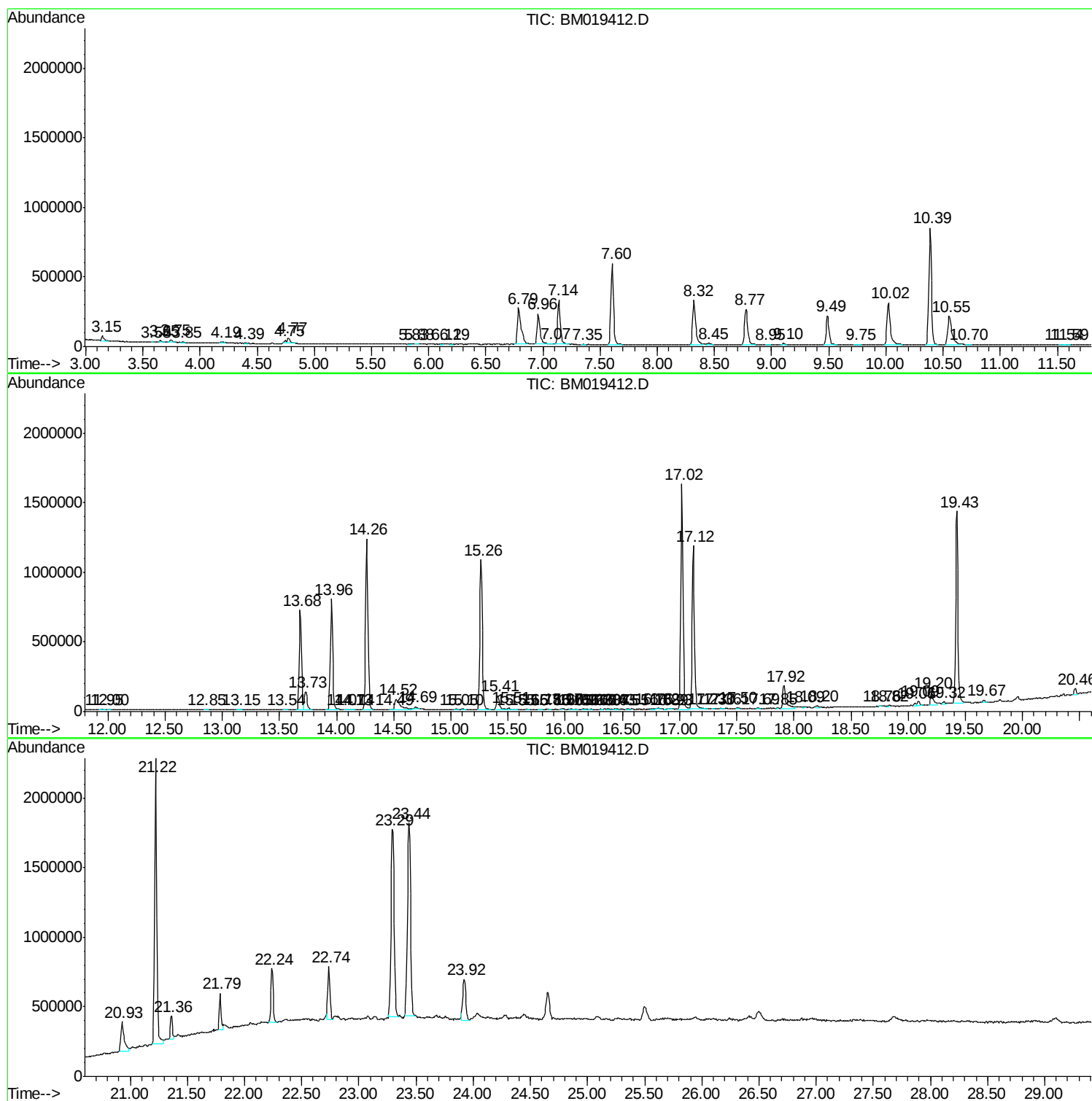
Sum of corrected areas: 29898193

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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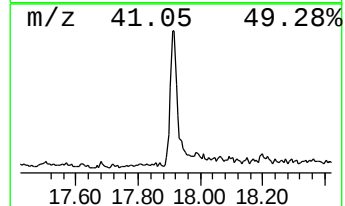
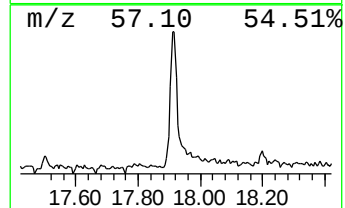
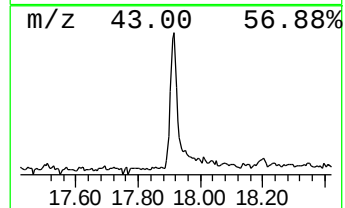
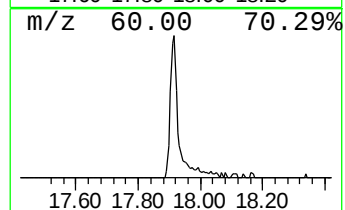
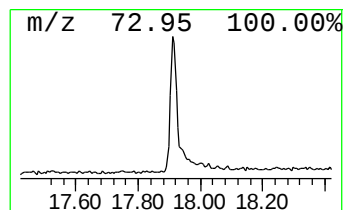
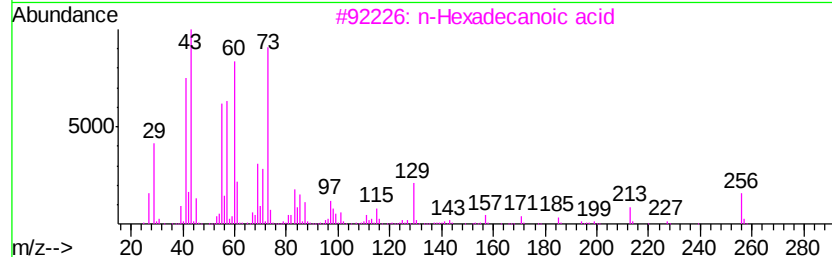
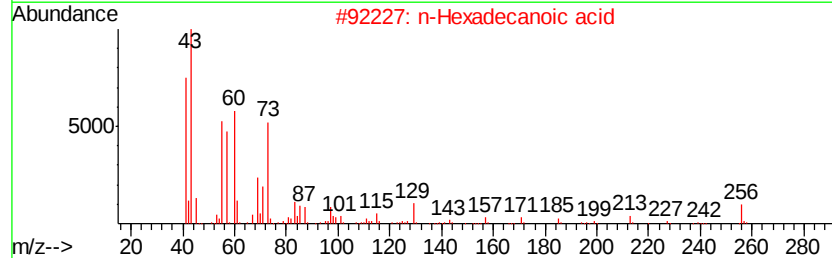
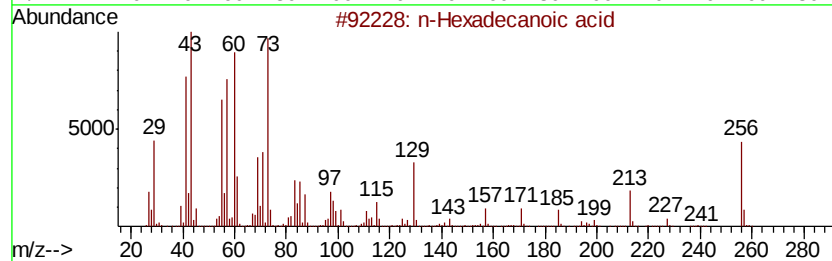
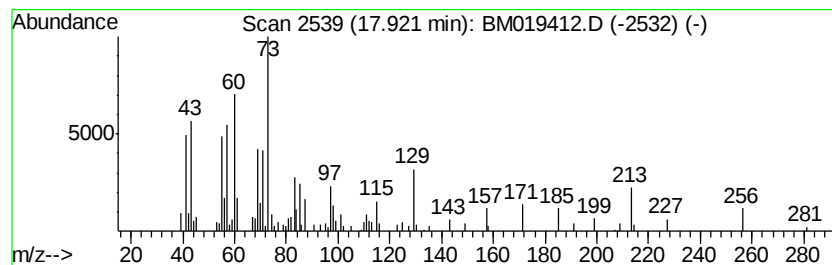
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.92	2.87 ng/ul	315950	Phenanthrene-d10		17.02
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	N-Acetylisoaxazolidine	115	C5H9NO2	115615-36-6	18



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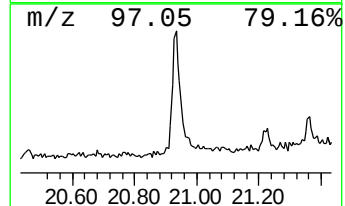
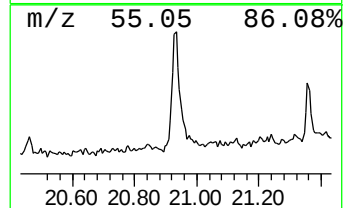
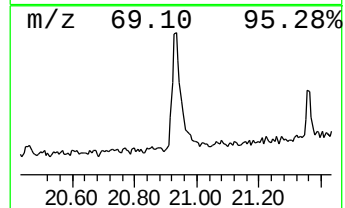
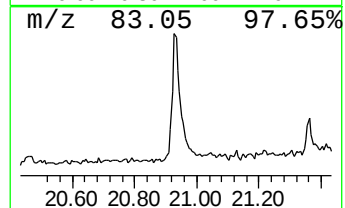
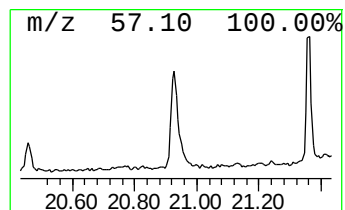
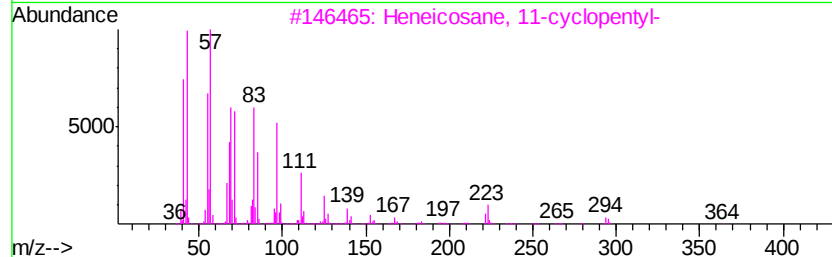
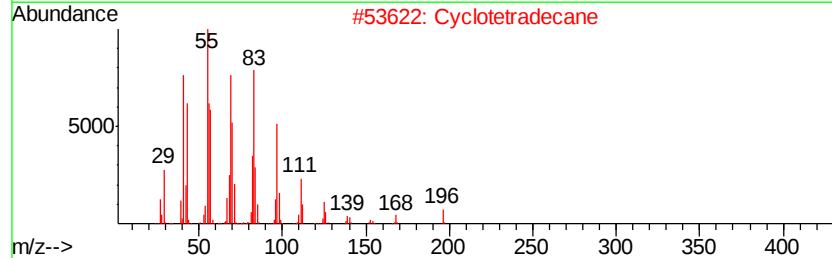
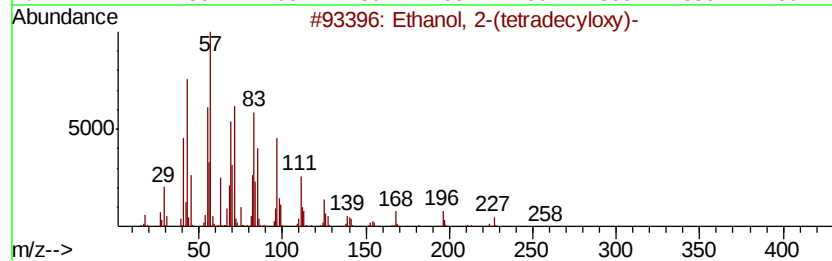
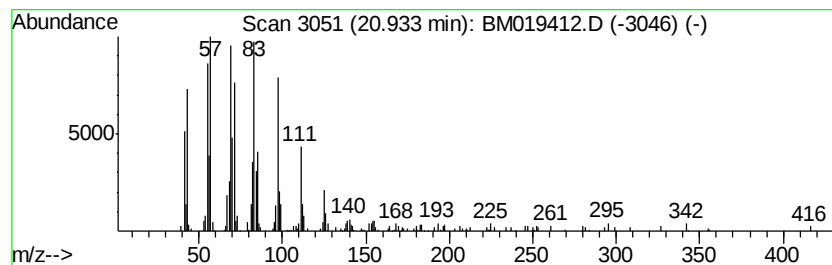
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	3.17 ng/ul	414964	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1 91
2		Cyclotetradecane	196 C14H28	000295-17-0 91
3		Heneicosane, 11-cyclopentyl-	364 C26H52	006703-81-7 87
4		1-Nonadecanol	284 C19H40O	001454-84-8 64
5		1-Octadecanol	270 C18H38O	000112-92-5 64



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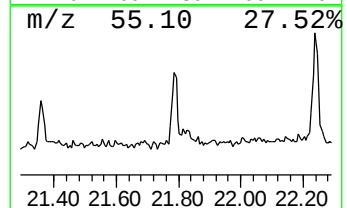
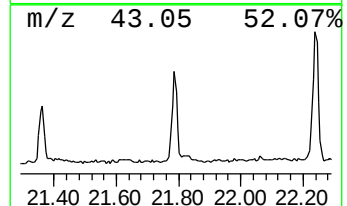
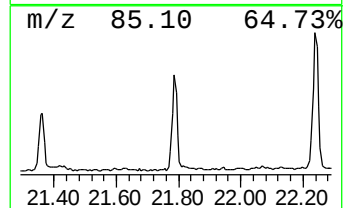
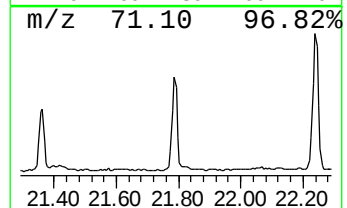
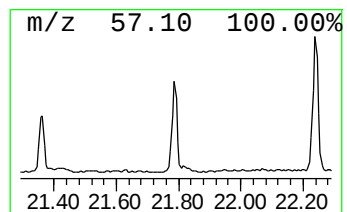
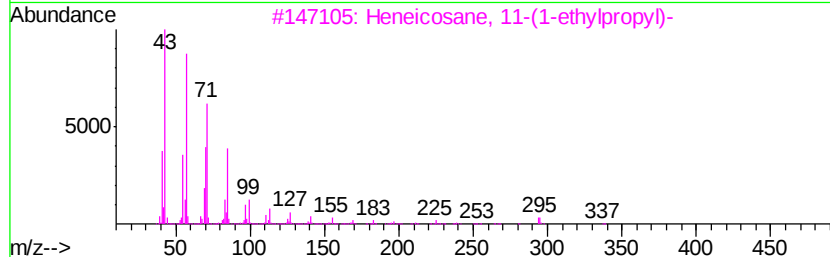
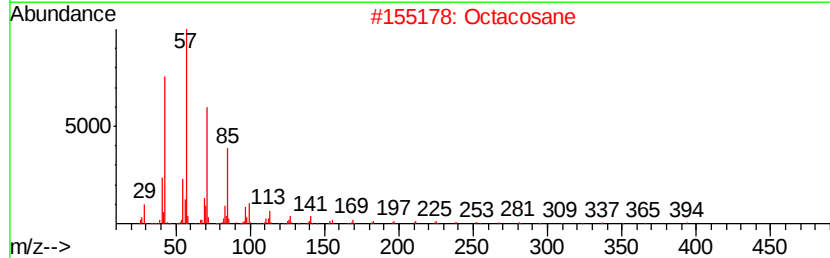
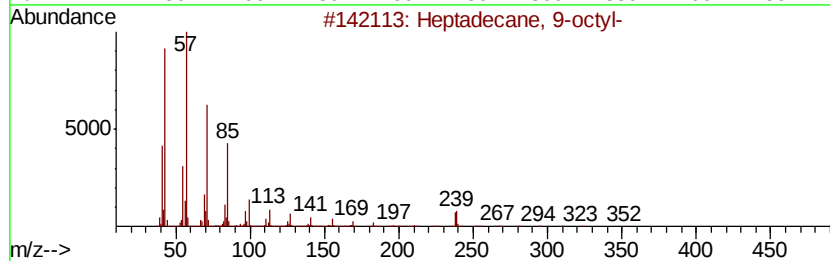
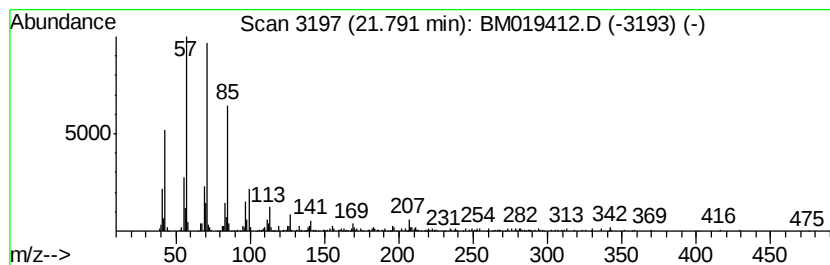
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	2.33 ng/ul	305333	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptadecane, 9-octyl-	352 C25H52	007225-64-1 90
2		Octacosane	394 C28H58	000630-02-4 87
3		Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6 86
4		Octadecane, 1-iodo-	380 C18H37I	000629-93-6 86
5		2-Thiopheneacetic acid, 4-tetrad...	338 C20H34O2S	1000280-67-0 86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019412.D
Acq On : 25 Mar 2019 03:13
Operator : JU/SJ
Sample : K2044-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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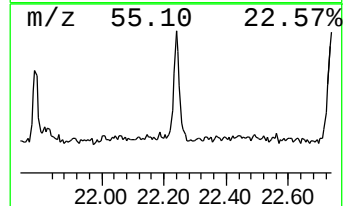
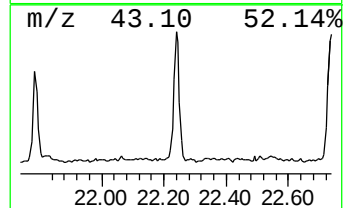
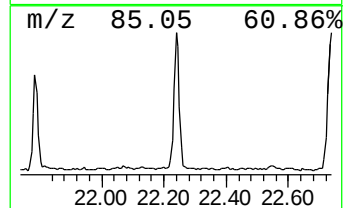
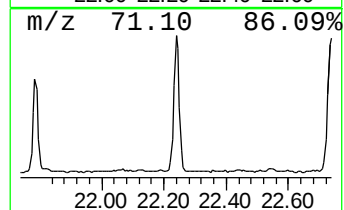
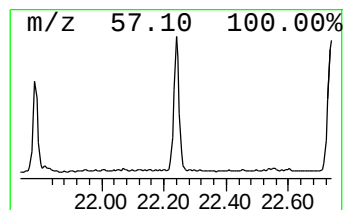
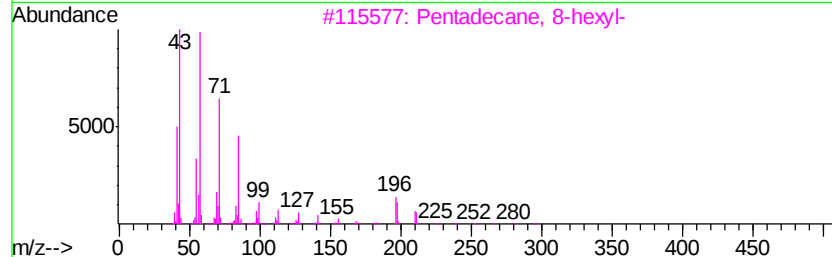
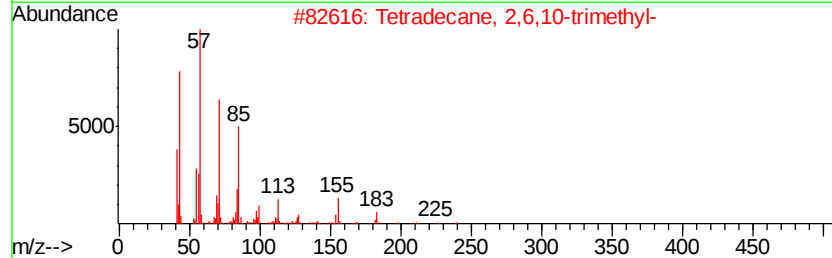
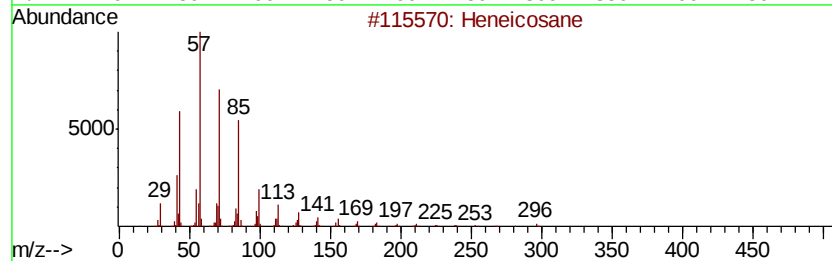
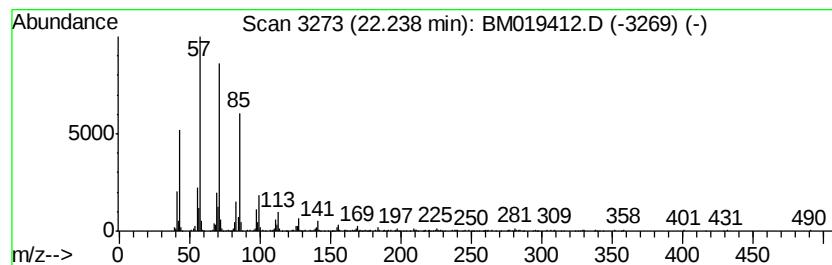
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	3.80 ng/ul	497116	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019412.D
Acq On : 25 Mar 2019 03:13
Operator : JU/SJ
Sample : K2044-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5W4

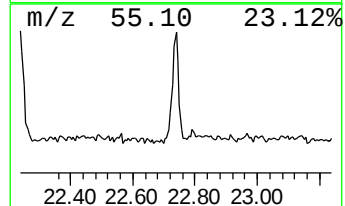
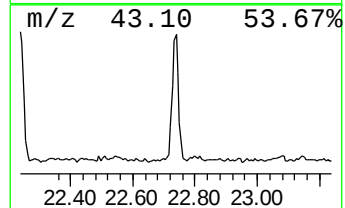
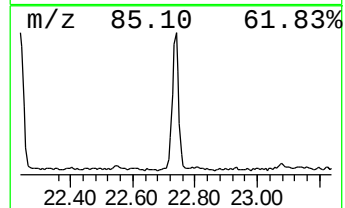
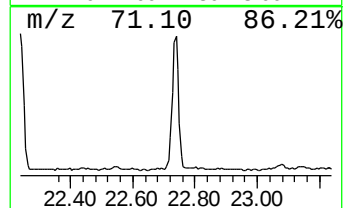
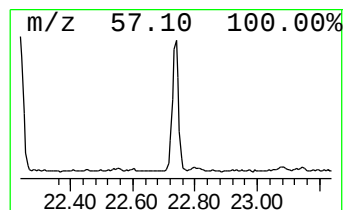
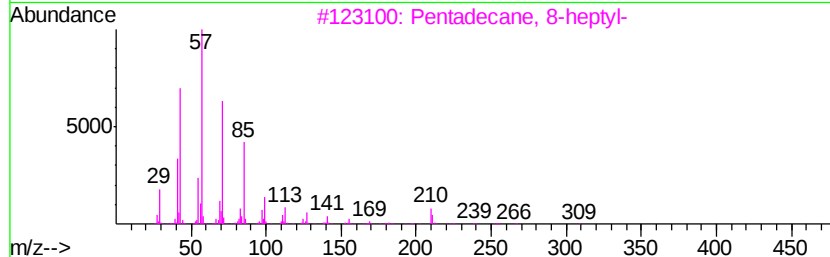
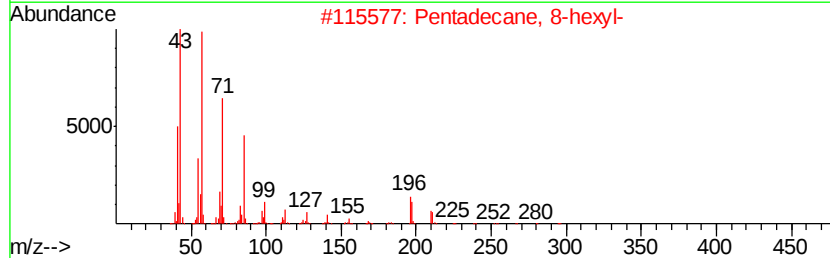
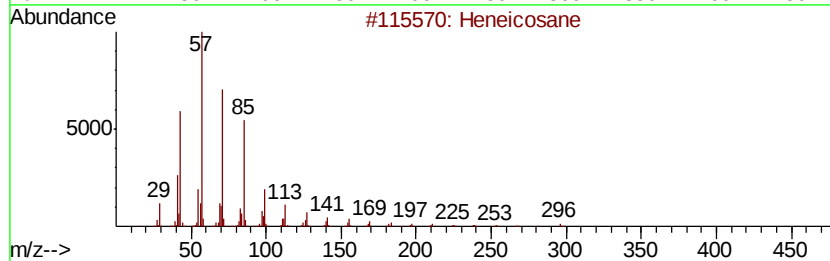
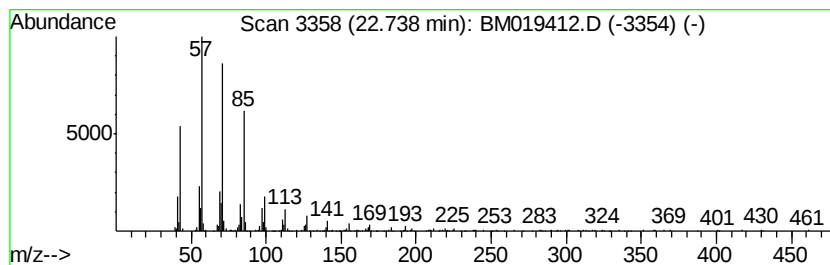
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	4.16 ng/ul	527481	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	90
5		Triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019412.D
Acq On : 25 Mar 2019 03:13
Operator : JU/SJ
Sample : K2044-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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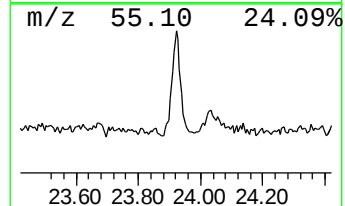
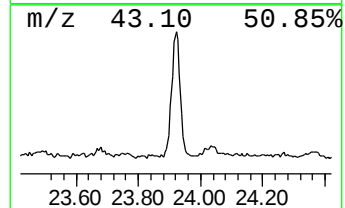
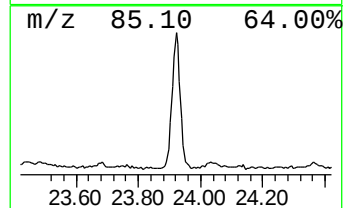
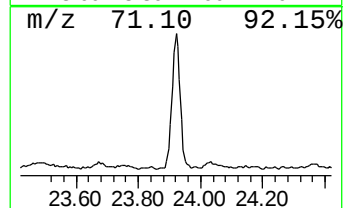
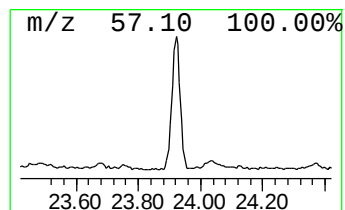
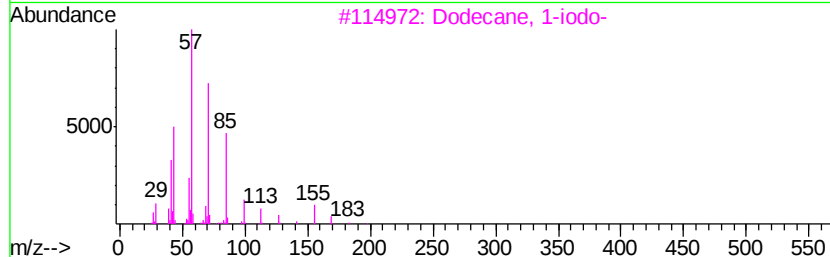
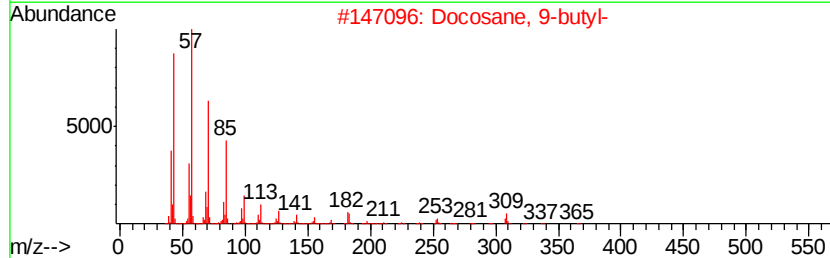
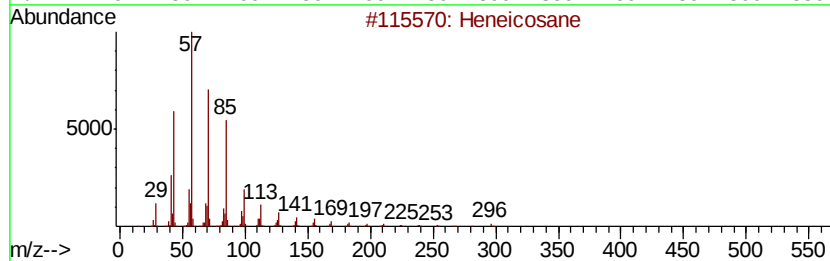
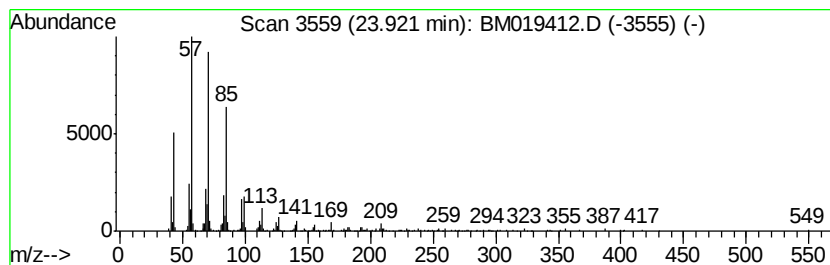
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
23.92	4.22 ng/ul	534229	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Docosane, 9-butyl-	366	C26H54	055282-14-9	90
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Hexadecane	226	C16H34	000544-76-3	83
5		Heptacosane	380	C27H56	000593-49-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032419\
Data File : BM019412.D
Acq On : 25 Mar 2019 03:13
Operator : JU/SJ
Sample : K2044-15
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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
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Ethanol, 2-(tetra...	20.93	3.2	ng/ul	414964	5	21.22	2617560	20.0
(DEL) Alkane: Str...	21.79	2.3	ng/ul	305333	5	21.22	2617560	20.0
(DEL) Alkane: Str...	22.24	3.8	ng/ul	497116	5	21.22	2617560	20.0
(DEL) Alkane: Str...	22.74	4.2	ng/ul	527481	6	23.44	2533590	20.0
(DEL) Alkane: Str...	23.92	4.2	ng/ul	534229	6	23.44	2533590	20.0