

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019727.D
 Acq On : 03 Apr 2019 13:16
 Operator : JU/SJ
 Sample : K2168-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF647

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	3.122	20	23	36	rVB	39029	70342	2.64%	0.199%
2	3.534	90	93	99	rVB4	6154	7645	0.29%	0.022%
3	3.622	104	108	114	rBV	40176	61039	2.29%	0.173%
4	3.699	117	121	122	rBV3	4222	5109	0.19%	0.014%
5	3.816	136	141	145	rBV	16372	25609	0.96%	0.072%
6	4.346	228	231	233	rBV4	1988	2956	0.11%	0.008%
7	4.363	233	234	239	rVB3	4244	6129	0.23%	0.017%
8	4.711	290	293	299	rBV3	7418	10786	0.40%	0.031%
9	4.769	299	303	306	rBV4	3387	5211	0.20%	0.015%
10	4.958	332	335	338	rVB4	2668	3014	0.11%	0.009%
11	6.446	584	588	591	rBV5	2856	4581	0.17%	0.013%
12	6.752	634	640	654	rBV	361186	705462	26.43%	1.997%
13	6.922	663	669	690	rBV	323345	602331	22.57%	1.705%
14	7.099	693	699	716	rVB	479924	813731	30.49%	2.304%
15	7.563	772	778	786	rBV	583597	924370	34.63%	2.617%
16	7.634	788	790	798	rVB3	10183	16509	0.62%	0.047%
17	8.281	894	900	917	rBV	411942	791883	29.67%	2.242%
18	8.410	920	922	931	rVB4	4302	8026	0.30%	0.023%
19	8.734	971	977	993	rBV	412007	767981	28.77%	2.174%
20	8.887	1002	1003	1006	rVB3	3254	3144	0.12%	0.009%
21	9.057	1027	1032	1037	rVB2	17180	23601	0.88%	0.067%
22	9.451	1092	1099	1112	rBV	357012	658559	24.67%	1.864%
23	9.981	1182	1189	1211	rBV	519557	1047982	39.27%	2.967%
24	10.345	1243	1251	1264	rBV	892621	1481147	55.50%	4.193%
25	10.516	1273	1280	1303	rBV	356464	869635	32.58%	2.462%
26	11.757	1487	1491	1493	rVB2	2698	3261	0.12%	0.009%
27	11.969	1521	1527	1533	rBV	4606	10559	0.40%	0.030%
28	13.016	1702	1705	1711	rVB2	5344	7506	0.28%	0.021%
29	13.086	1711	1717	1724	rBV3	4707	10146	0.38%	0.029%
30	13.186	1731	1734	1739	rVB2	2144	3131	0.12%	0.009%
31	13.445	1776	1778	1785	rVB4	4685	6258	0.23%	0.018%
32	13.645	1806	1812	1817	rBV	1119723	1611965	60.40%	4.563%
33	13.698	1817	1821	1833	rVB	237267	364297	13.65%	1.031%
34	13.916	1851	1858	1877	rVB	1231694	1913398	71.69%	5.416%

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35	14.110	1888	1891	1896	rVB3	5023	6635	0.25%	0.019%
36	14.228	1905	1911	1927	rVB2	1329562	1973831	73.96%	5.588%
37	14.492	1950	1956	1971	rBV	148725	434014	16.26%	1.229%
38	14.657	1980	1984	1989	rVV4	14126	20828	0.78%	0.059%
39	14.698	1989	1991	1993	rVV3	4852	3175	0.12%	0.009%
40	14.739	1996	1998	2003	rVB3	6760	7336	0.27%	0.021%
41	14.798	2006	2008	2012	rVB5	2992	3718	0.14%	0.011%
42	14.892	2022	2024	2028	rVB4	3309	3753	0.14%	0.011%
43	14.945	2028	2033	2034	rBV3	2647	3597	0.13%	0.010%
44	15.016	2041	2045	2048	rBV3	7043	10501	0.39%	0.030%
45	15.069	2051	2054	2059	rVB5	7790	8844	0.33%	0.025%
46	15.133	2059	2065	2069	rBV6	2678	5808	0.22%	0.016%
47	15.227	2075	2081	2089	rBV	1719215	2385403	89.38%	6.753%
48	15.380	2102	2107	2119	rBV	352875	553732	20.75%	1.567%
49	15.475	2119	2123	2128	rVB	20956	32185	1.21%	0.091%
50	15.563	2136	2138	2143	rVB5	5179	6723	0.25%	0.019%
51	15.604	2143	2145	2147	rBV2	3383	2930	0.11%	0.008%
52	15.633	2147	2150	2153	rVB3	3995	4146	0.16%	0.012%
53	15.680	2153	2158	2159	rBV4	2053	2819	0.11%	0.008%
54	15.786	2173	2176	2179	rBV4	4563	6102	0.23%	0.017%
55	15.933	2197	2201	2202	rBV3	9194	9064	0.34%	0.026%
56	16.016	2211	2215	2218	rBV5	7532	9023	0.34%	0.026%
57	16.122	2232	2233	2238	rVB5	3739	3384	0.13%	0.010%
58	16.180	2241	2243	2249	rBV6	4790	7534	0.28%	0.021%
59	16.339	2267	2270	2272	rBV3	4325	4810	0.18%	0.014%
60	16.392	2276	2279	2283	rBV3	5795	7838	0.29%	0.022%
61	16.533	2300	2303	2310	rVB2	14901	21623	0.81%	0.061%
62	16.616	2313	2317	2321	rVB6	3821	6421	0.24%	0.018%
63	16.663	2321	2325	2329	rBV6	3375	5363	0.20%	0.015%
64	16.727	2332	2336	2339	rBV4	10079	11717	0.44%	0.033%
65	16.774	2339	2344	2349	rBV3	14134	23147	0.87%	0.066%
66	16.986	2374	2380	2390	rBV	1620381	2262343	84.77%	6.404%
67	17.086	2391	2397	2407	rVB2	1685734	2391250	89.59%	6.769%
68	17.263	2425	2427	2431	rVB4	4769	5696	0.21%	0.016%
69	17.333	2436	2439	2440	rVB3	3549	3242	0.12%	0.009%
70	17.351	2440	2442	2443	rBV2	3775	3149	0.12%	0.009%
71	17.369	2443	2445	2452	rVB7	9034	17479	0.65%	0.049%

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72	17.468	2458	2462	2465	rBV2	12531	15521	0.58%	0.044%
73	17.557	2475	2477	2478	rBV2	3803	2876	0.11%	0.008%
74	17.574	2478	2480	2484	rVV4	10959	13552	0.51%	0.038%
75	17.651	2490	2493	2495	rVB3	5023	5588	0.21%	0.016%
76	17.786	2513	2516	2519	rBV4	4208	6454	0.24%	0.018%
77	17.880	2527	2532	2542	rBV	210673	332601	12.46%	0.942%
78	18.163	2575	2580	2585	rBV3	17834	27830	1.04%	0.079%
79	18.263	2595	2597	2601	rVB5	6565	7376	0.28%	0.021%
80	18.557	2644	2647	2649	rBV3	10089	12418	0.47%	0.035%
81	18.592	2649	2653	2659	rVB4	14580	23666	0.89%	0.067%
82	18.668	2664	2666	2667	rBV2	7926	6785	0.25%	0.019%
83	18.804	2684	2689	2700	rBV6	36033	69383	2.60%	0.196%
84	18.974	2716	2718	2723	rVB6	16703	26840	1.01%	0.076%
85	19.027	2724	2727	2731	rBV	25754	36855	1.38%	0.104%
86	19.168	2748	2751	2756	rBV	71083	113245	4.24%	0.321%
87	19.280	2768	2770	2777	rBV4	19727	36544	1.37%	0.103%
88	19.398	2784	2790	2795	rBV	2017189	2668957	100.00%	7.555%
89	19.739	2845	2848	2850	rBV3	26761	32168	1.21%	0.091%
90	19.768	2851	2853	2860	rVB5	34113	50815	1.90%	0.144%
91	19.927	2878	2880	2884	rVB	66862	72801	2.73%	0.206%
92	20.427	2962	2965	2972	rBV	95976	138751	5.20%	0.393%
93	20.898	3041	3045	3055	rVB	385430	506901	18.99%	1.435%
94	21.198	3091	3096	3106	rBV	1826026	2253258	84.42%	6.379%
95	21.333	3116	3119	3123	rVB	173686	175276	6.57%	0.496%
96	21.756	3188	3191	3195	rBV	243625	269400	10.09%	0.763%
97	22.209	3264	3268	3277	rBV	312346	408113	15.29%	1.155%
98	22.698	3348	3351	3357	rVB	348592	495241	18.56%	1.402%
99	23.256	3440	3446	3455	rVB3	1195476	2456184	92.03%	6.953%
100	23.403	3465	3471	3482	rVB	1062289	1943953	72.84%	5.503%

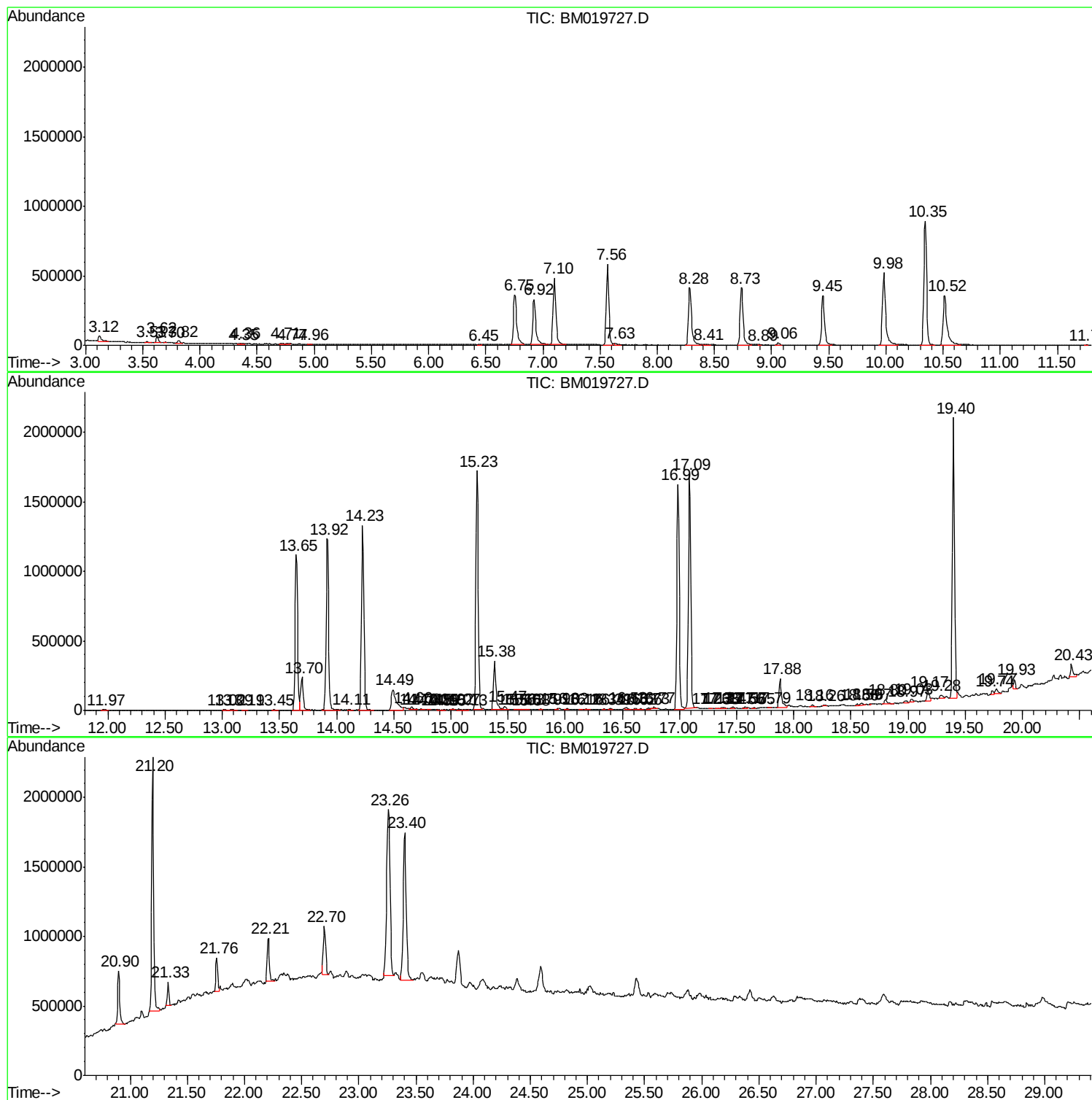
Sum of corrected areas: 35325818

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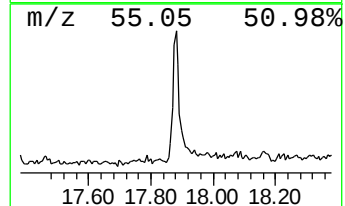
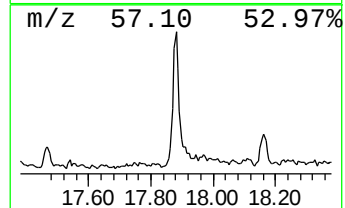
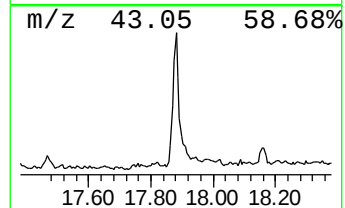
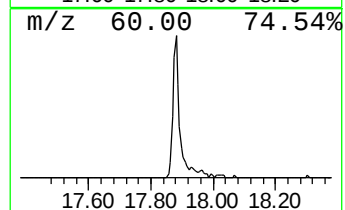
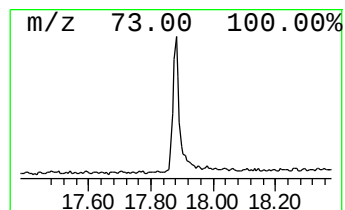
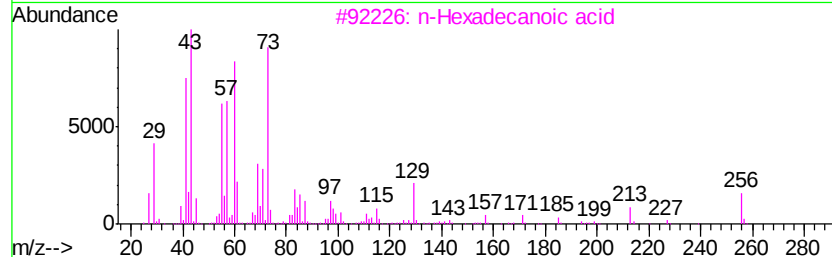
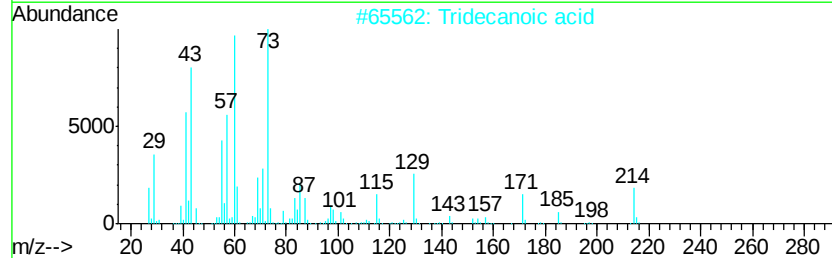
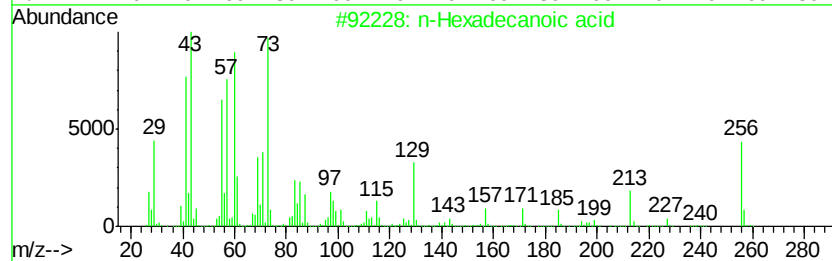
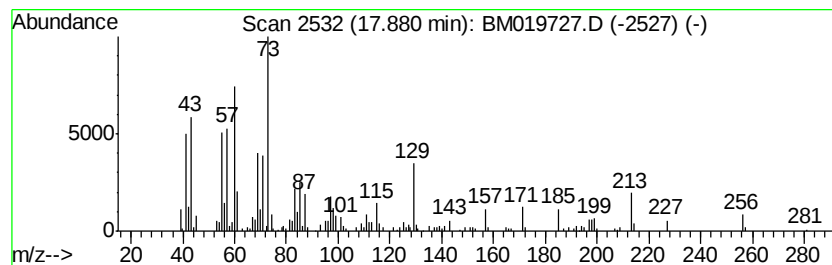
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.88	2.94 ng/ul	332601	Phenanthrene-d10		16.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Tridecanoic acid		214	C13H26O2	000638-53-9	93
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	93
4	Tridecanoic acid		214	C13H26O2	000638-53-9	86
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	74



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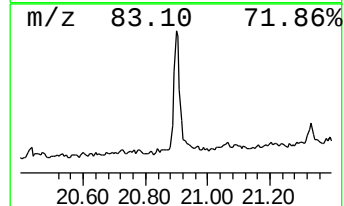
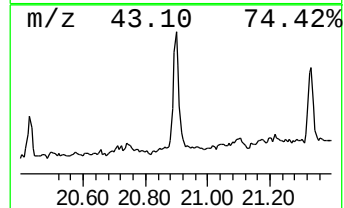
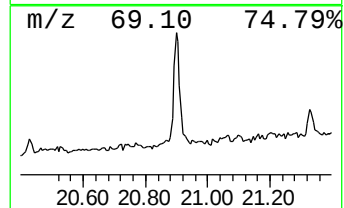
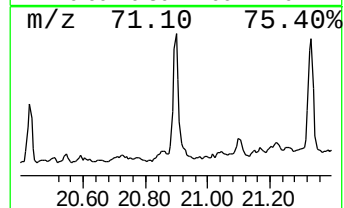
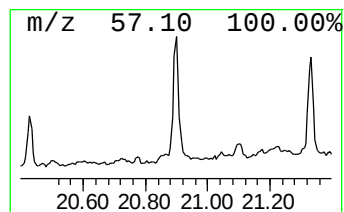
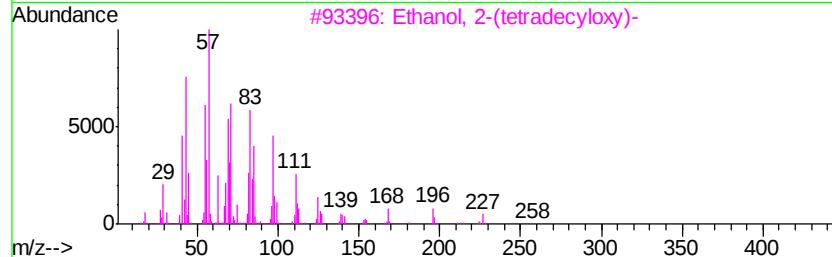
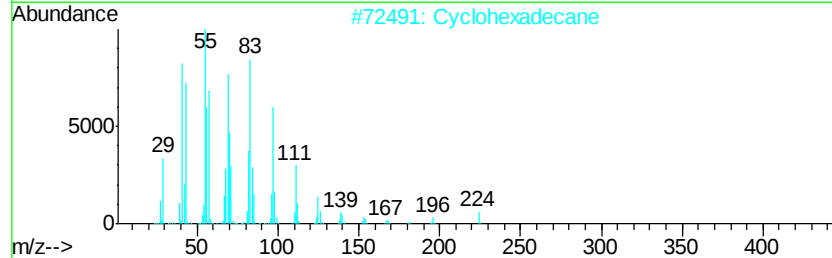
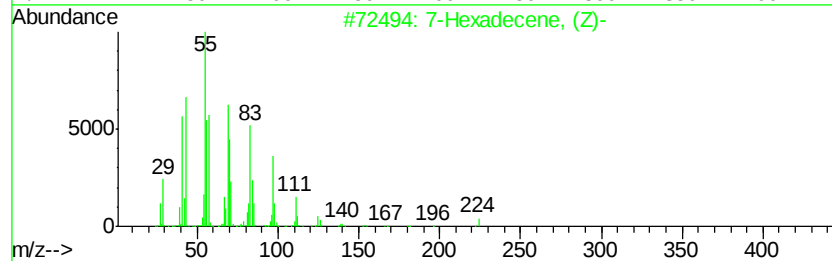
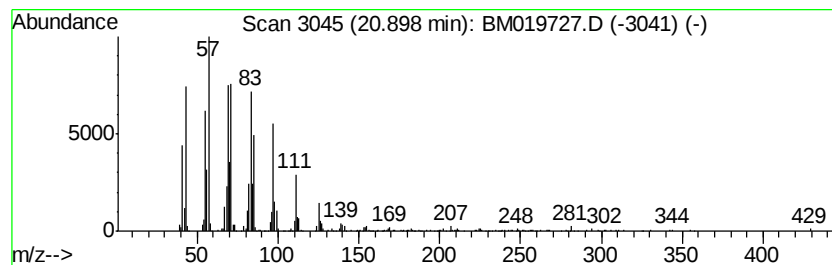
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.90 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	4.50 ng/ul	506901	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		7-Hexadecene, (Z)-	224 C16H32	035507-09-6 89
2		Cyclohexadecane	224 C16H32	000295-65-8 89
3		Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1 76
4		Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0 70
5		1-Octadecanol	270 C18H38O	000112-92-5 70



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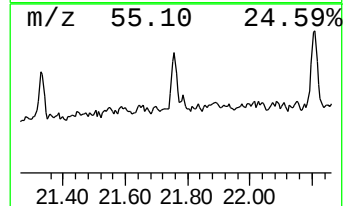
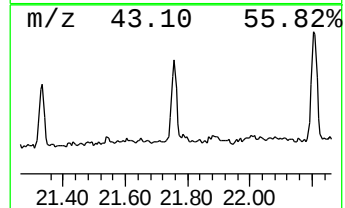
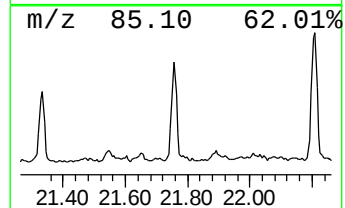
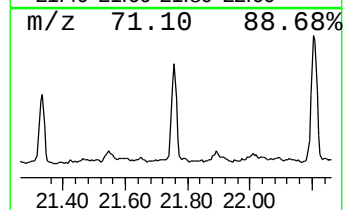
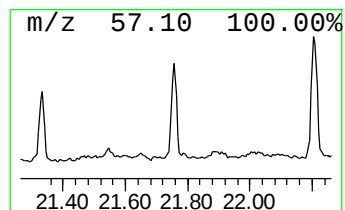
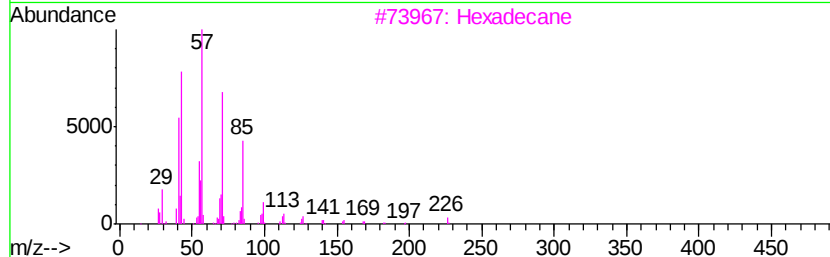
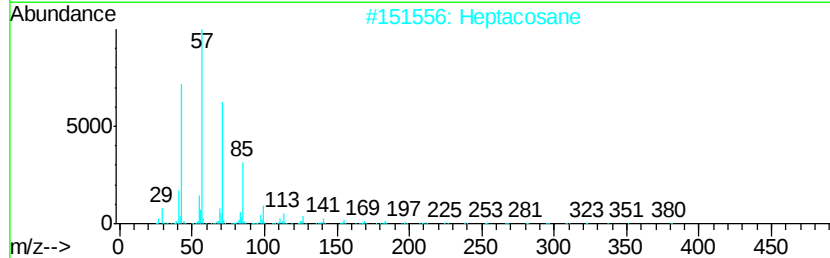
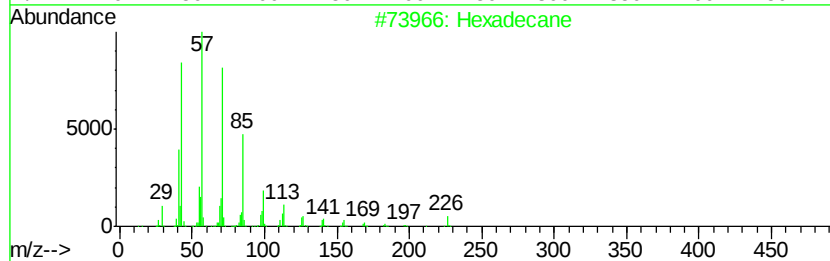
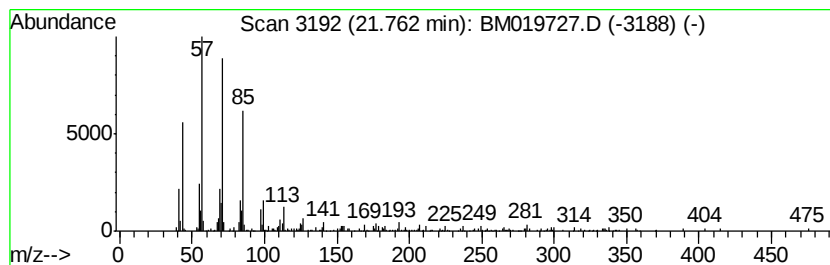
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	2.39 ng/ul	269400	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Heptacosane	380	C27H56	000593-49-7	87
3		Hexadecane	226	C16H34	000544-76-3	86
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	83
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019727.D
Acq On : 03 Apr 2019 13:16
Operator : JU/SJ
Sample : K2168-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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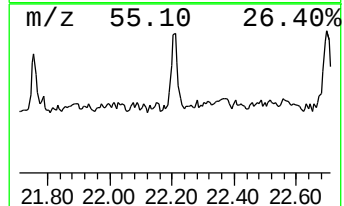
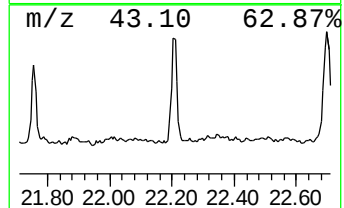
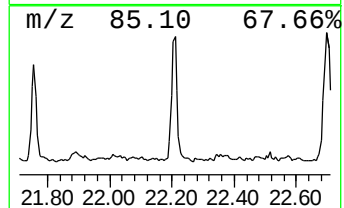
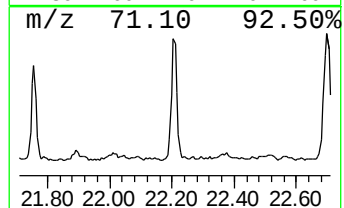
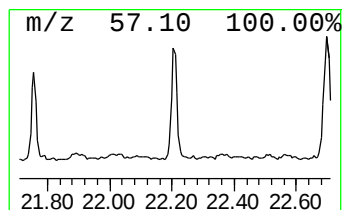
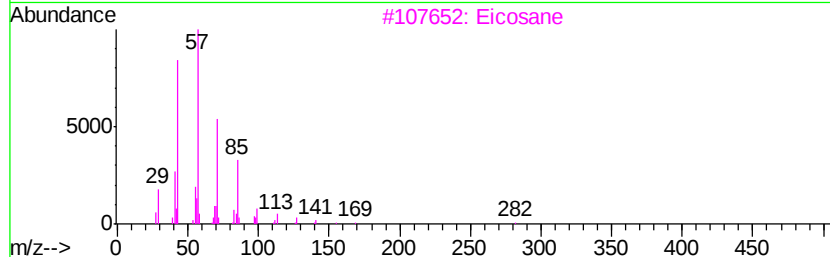
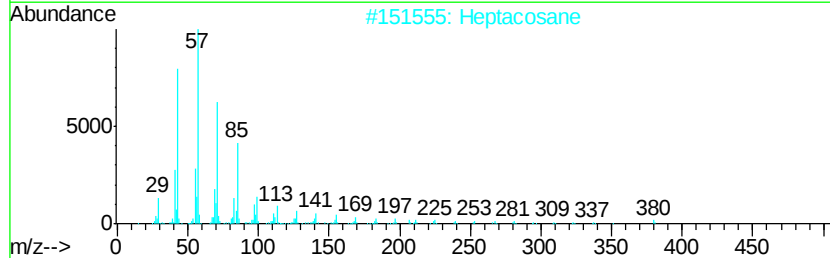
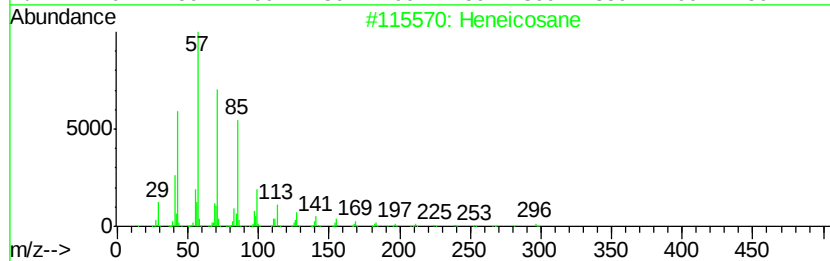
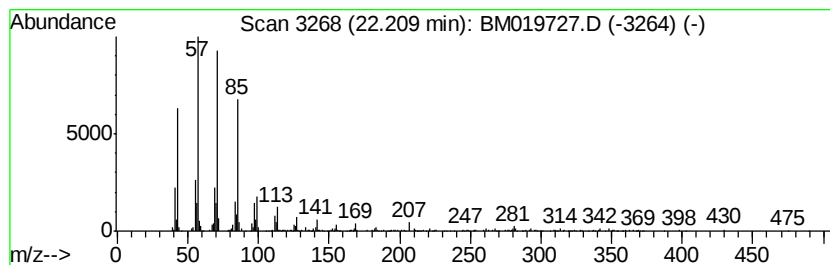
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Quant Title : SVOA CALIBRATION

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.
22.21	3.62 ng/ul	408113	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Eicosane	282	C20H42	000112-95-8	90
4		10-Methylnonadecane	282	C20H42	056862-62-5	90
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019727.D
Acq On : 03 Apr 2019 13:16
Operator : JU/SJ
Sample : K2168-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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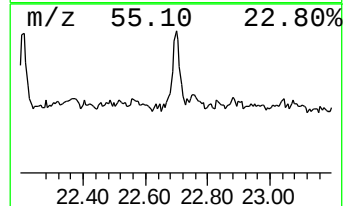
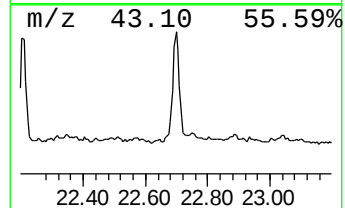
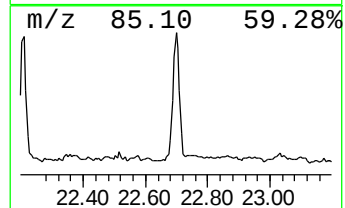
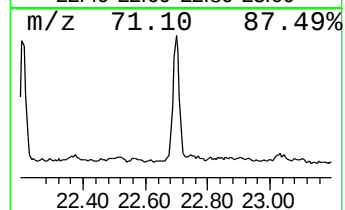
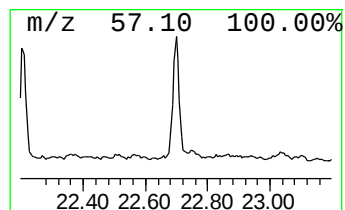
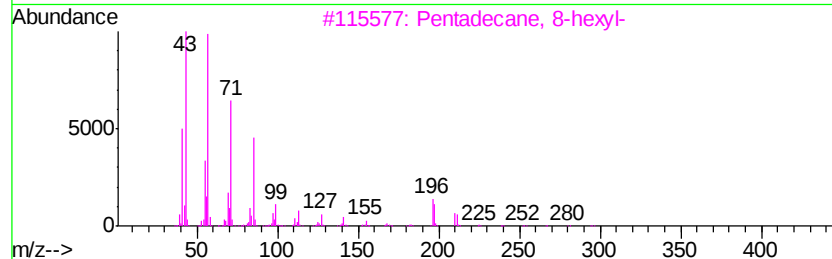
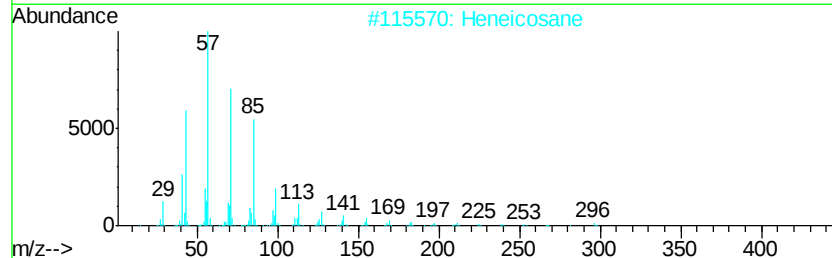
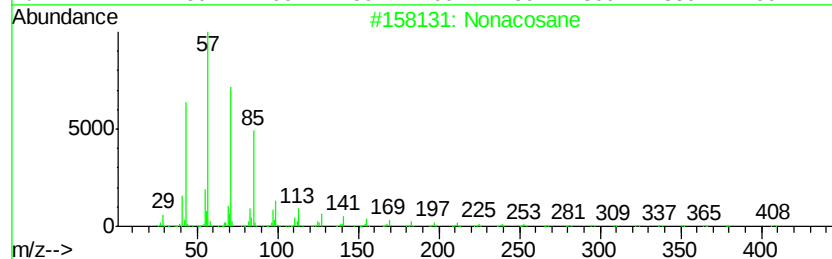
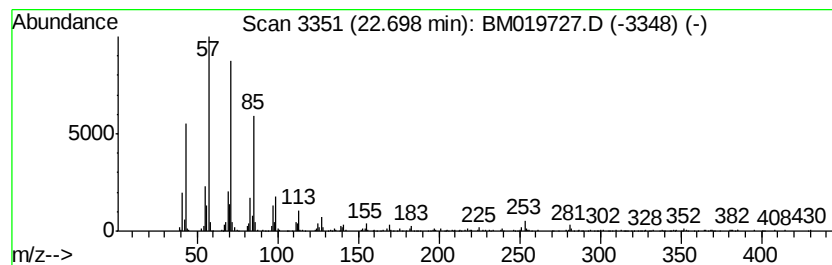
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	5.10 ng/ul	495241	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
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Sample : K2168-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF647

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
n-Hexadecanoic acid	17.88	2.9	ng/ul	332601	4	16.99	2262340	20.0
(DEL) Alkane: Cyc...	20.90	4.5	ng/ul	506901	5	21.20	2253260	20.0
(DEL) Alkane: Str...	21.76	2.4	ng/ul	269400	5	21.20	2253260	20.0
(DEL) Alkane: Str...	22.21	3.6	ng/ul	408113	5	21.20	2253260	20.0
(DEL) Alkane: Str...	22.70	5.1	ng/ul	495241	6	23.40	1943950	20.0