

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
 Data File : BM024361.D
 Acq On : 28 Dec 2019 22:11
 Operator : JU
 Sample : K6278-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0C84

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-BM121719MA.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	2.987	15	17	30	rVB	50204	94278	2.07%	0.155%
2	3.393	84	86	91	rVB2	12495	16263	0.36%	0.027%
3	3.487	98	102	106	rBV	41856	56025	1.23%	0.092%
4	3.675	132	134	140	rVB2	20885	30150	0.66%	0.050%
5	3.905	169	173	180	rBV	103370	146870	3.22%	0.242%
6	4.311	237	242	247	rBV	37857	53115	1.16%	0.088%
7	4.593	287	290	294	rVB6	10412	15042	0.33%	0.025%
8	4.728	310	313	318	rBV7	9072	15408	0.34%	0.025%
9	5.452	434	436	441	rVB5	11058	12746	0.28%	0.021%
10	6.510	612	616	618	rBV4	7754	13933	0.31%	0.023%
11	6.616	628	634	648	rBV	741779	1426651	31.28%	2.353%
12	6.716	648	651	655	rVV2	25868	37392	0.82%	0.062%
13	6.769	655	660	678	rVB	637178	1080984	23.70%	1.783%
14	6.952	685	691	703	rBV	864389	1440809	31.59%	2.376%
15	7.046	704	707	713	rVB7	12370	22537	0.49%	0.037%
16	7.410	763	769	783	rBV	958480	1520377	33.33%	2.508%
17	8.140	887	893	913	rBV	790377	1434641	31.45%	2.366%
18	8.569	959	966	975	rBV	734839	1307576	28.66%	2.157%
19	8.746	992	996	1004	rVB6	16733	29889	0.66%	0.049%
20	8.993	1033	1038	1043	rVB2	14482	19964	0.44%	0.033%
21	9.281	1080	1087	1100	rBV	633045	1113097	24.40%	1.836%
22	9.822	1173	1179	1197	rVV	848713	1660071	36.39%	2.738%
23	10.175	1231	1239	1252	rBV	1280444	2139123	46.89%	3.528%
24	10.340	1260	1267	1291	rBV	529859	1230283	26.97%	2.029%
25	11.634	1482	1487	1492	rBV2	13130	24744	0.54%	0.041%
26	11.781	1508	1512	1519	rBV3	12166	22291	0.49%	0.037%
27	11.863	1521	1526	1531	rBV2	14665	25381	0.56%	0.042%
28	12.081	1560	1563	1568	rBV3	10188	15346	0.34%	0.025%
29	12.904	1700	1703	1707	rBV3	20037	28364	0.62%	0.047%
30	12.986	1712	1717	1722	rVB4	16427	28915	0.63%	0.048%
31	13.251	1759	1762	1770	rVB8	6830	13405	0.29%	0.022%
32	13.392	1780	1786	1792	rBV5	13900	25807	0.57%	0.043%
33	13.451	1792	1796	1798	rVV4	9399	12814	0.28%	0.021%
34	13.498	1798	1804	1809	rVV	1559690	2241879	49.15%	3.698%

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35	13.551	1809	1813	1822	rVV	237109	371449	8.14%	0.613%
36	13.628	1822	1826	1834	rVB8	11169	24900	0.55%	0.041%
37	13.763	1842	1849	1861	rBV	1966730	2911201	63.82%	4.802%
38	13.975	1880	1885	1887	rBV5	37761	56396	1.24%	0.093%
39	13.998	1887	1889	1894	rVV	26618	35139	0.77%	0.058%
40	14.075	1895	1902	1909	rVV	1793258	2603293	57.07%	4.294%
41	14.139	1911	1913	1917	rVB5	14669	16120	0.35%	0.027%
42	14.345	1942	1948	1964	rBV	258847	717430	15.73%	1.183%
43	14.492	1971	1973	1977	rVB5	14020	15183	0.33%	0.025%
44	14.539	1977	1981	1984	rVV5	13407	22442	0.49%	0.037%
45	14.628	1991	1996	1999	rBV5	10304	15580	0.34%	0.026%
46	14.763	2015	2019	2025	rVB7	9958	16755	0.37%	0.028%
47	14.875	2033	2038	2040	rBV5	6684	12740	0.28%	0.021%
48	14.904	2040	2043	2046	rVV	14212	15295	0.34%	0.025%
49	14.963	2049	2053	2058	rVB2	24585	30001	0.66%	0.049%
50	15.080	2067	2073	2080	rBV	2509365	3518153	77.13%	5.803%
51	15.133	2080	2082	2088	rVB4	18870	25448	0.56%	0.042%
52	15.239	2095	2100	2111	rBV	410951	695888	15.26%	1.148%
53	15.322	2111	2114	2118	rVV3	37267	53491	1.17%	0.088%
54	15.369	2118	2122	2127	rVV7	11906	24002	0.53%	0.040%
55	15.439	2129	2134	2137	rVV6	9113	17808	0.39%	0.029%
56	15.522	2144	2148	2151	rVB6	9365	13201	0.29%	0.022%
57	15.586	2156	2159	2165	rVV4	9628	15995	0.35%	0.026%
58	15.663	2167	2172	2178	rBV8	9583	23785	0.52%	0.039%
59	15.827	2195	2200	2210	rBV4	40254	86045	1.89%	0.142%
60	15.904	2210	2213	2218	rVB2	27161	36669	0.80%	0.060%
61	16.504	2310	2315	2321	rVB6	20602	41760	0.92%	0.069%
62	16.574	2324	2327	2329	rBV3	11196	13264	0.29%	0.022%
63	16.622	2332	2335	2338	rBV2	34410	44591	0.98%	0.074%
64	16.769	2355	2360	2363	rBV6	10186	17600	0.39%	0.029%
65	16.833	2365	2371	2376	rVV	2108598	2979418	65.32%	4.914%
66	16.874	2376	2378	2382	rVV	288417	344187	7.55%	0.568%
67	16.933	2382	2388	2401	rVV2	2477928	3593671	78.78%	5.927%
68	17.045	2401	2407	2411	rVB6	15601	32304	0.71%	0.053%
69	17.251	2434	2442	2452	rBV5	32554	82511	1.81%	0.136%
70	17.363	2457	2461	2464	rBV2	29879	31074	0.68%	0.051%
71	17.533	2485	2490	2495	rBV8	21251	40373	0.89%	0.067%

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72	17.645	2505	2509	2513	rBV6	15054	22959	0.50%	0.038%
73	17.716	2515	2521	2524	rBV2	42963	72656	1.59%	0.120%
74	17.763	2524	2529	2536	rBV2	216994	329063	7.21%	0.543%
75	17.904	2549	2553	2557	rBV3	50328	75671	1.66%	0.125%
76	18.057	2576	2579	2581	rBV	25255	28374	0.62%	0.047%
77	18.227	2604	2608	2612	rVV2	32442	44181	0.97%	0.073%
78	18.280	2614	2617	2623	rVB5	28636	44661	0.98%	0.074%
79	18.527	2656	2659	2662	rVB5	15752	16273	0.36%	0.027%
80	18.639	2674	2678	2683	rBV5	40864	66822	1.46%	0.110%
81	18.698	2684	2688	2692	rVV4	52840	68654	1.51%	0.113%
82	18.798	2700	2705	2710	rBV7	25013	50615	1.11%	0.083%
83	18.910	2719	2724	2730	rVB	714600	967173	21.20%	1.595%
84	19.057	2746	2749	2755	rBV5	53732	82674	1.81%	0.136%
85	19.245	2775	2781	2785	rBV	3159018	4561581	100.00%	7.524%
86	19.780	2869	2872	2877	rVV2	72669	108723	2.38%	0.179%
87	19.827	2877	2880	2884	rVB	52917	52901	1.16%	0.087%
88	20.327	2962	2965	2968	rBV	66821	65792	1.44%	0.109%
89	20.698	3025	3028	3031	rBV	72687	100460	2.20%	0.166%
90	20.786	3039	3043	3050	rBV2	1104843	1495029	32.77%	2.466%
91	21.051	3082	3088	3092	rBV	2716960	3775695	82.77%	6.227%
92	21.086	3092	3094	3101	rVB	361522	429517	9.42%	0.708%
93	21.227	3116	3118	3122	rVB	196309	197599	4.33%	0.326%
94	21.645	3186	3189	3198	rBV3	377073	692504	15.18%	1.142%
95	22.080	3260	3263	3268	rVB	385553	491734	10.78%	0.811%
96	22.556	3339	3344	3349	rBV2	877230	1546430	33.90%	2.551%
97	23.039	3421	3426	3431	rBV	2481431	4064062	89.09%	6.703%
98	23.080	3431	3433	3440	rVB	724548	1024776	22.47%	1.690%
99	23.168	3443	3448	3455	rBV	1873438	3333331	73.07%	5.498%
100	23.680	3531	3535	3541	rVB	511607	868293	19.03%	1.432%

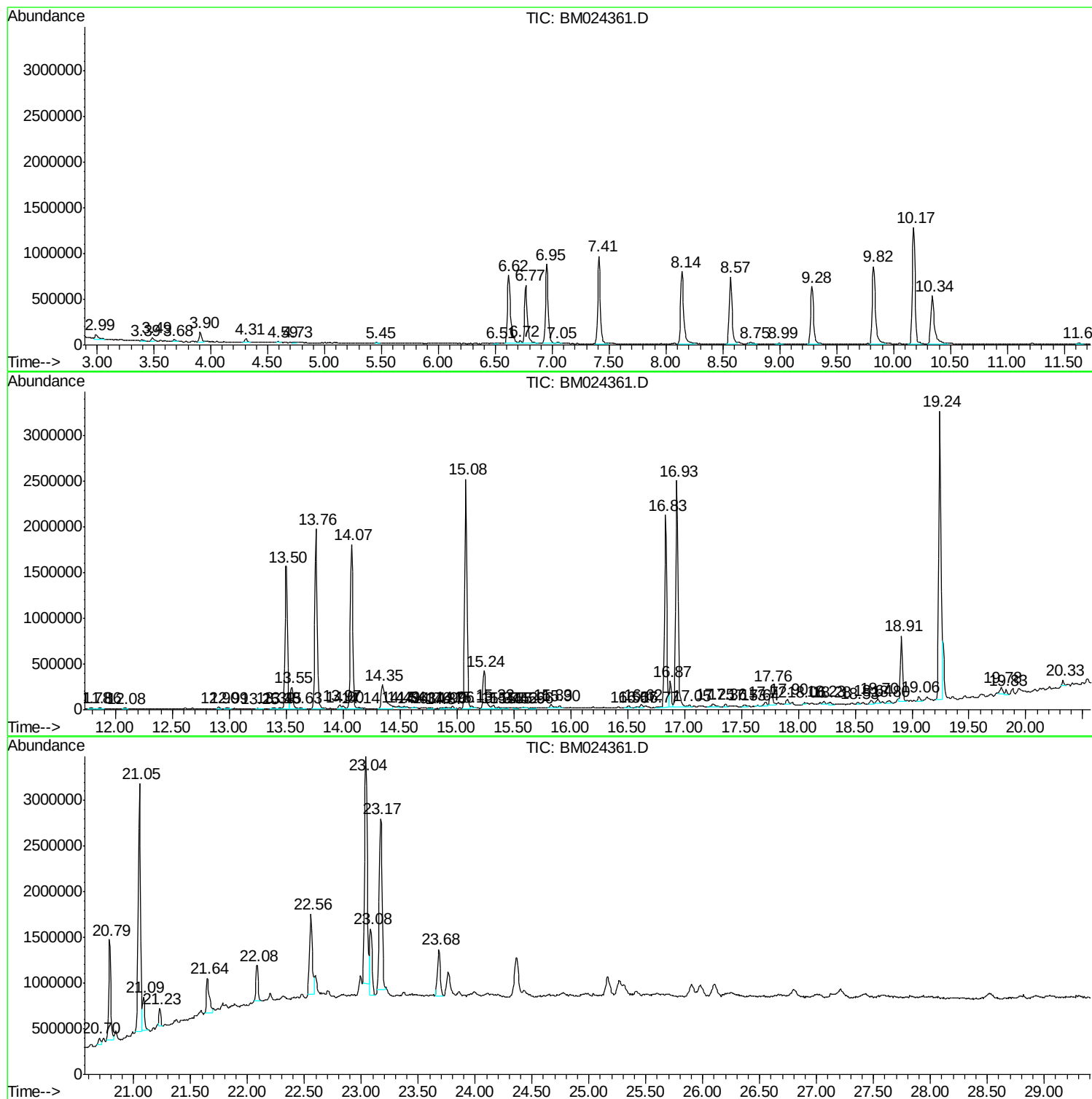
Sum of corrected areas: 60629535

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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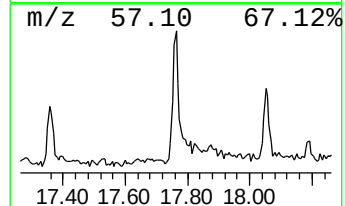
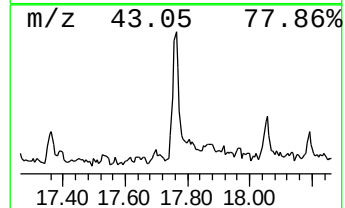
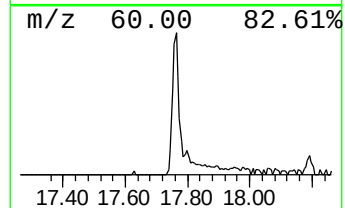
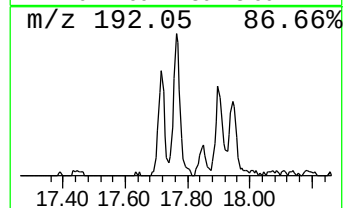
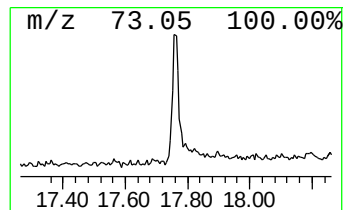
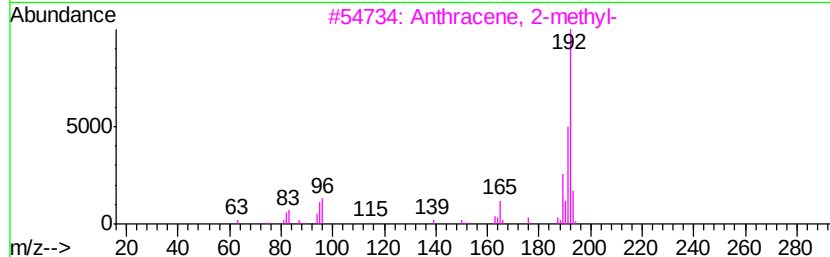
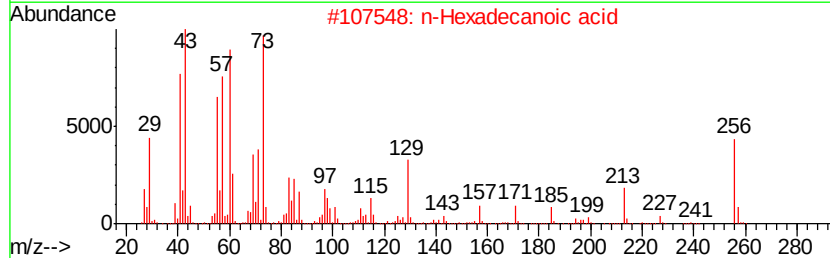
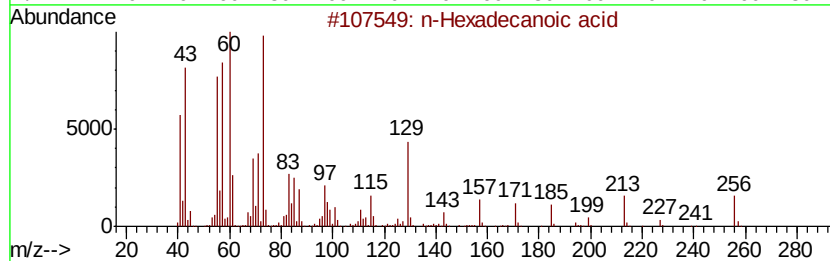
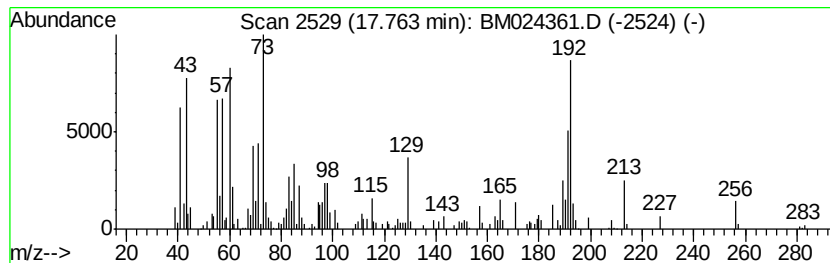
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.76	2.21 ng/ul	329063	Phenanthrene-d10	16.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	66



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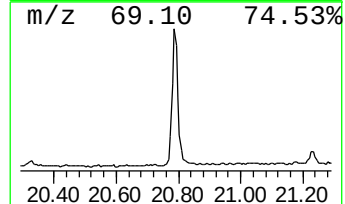
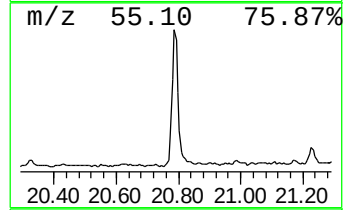
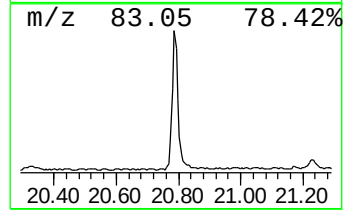
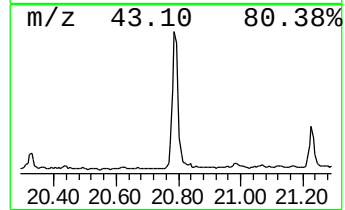
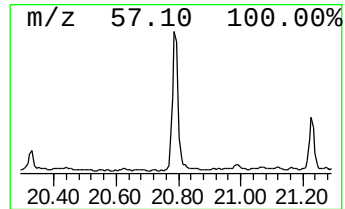
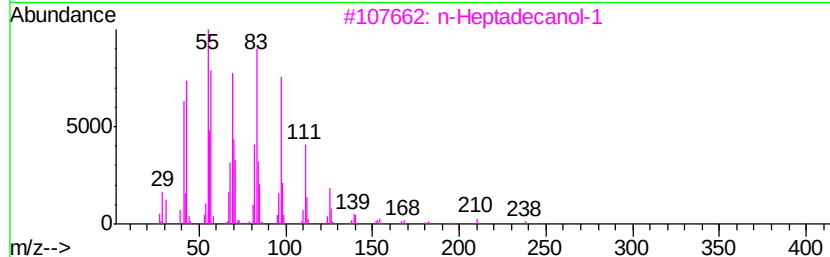
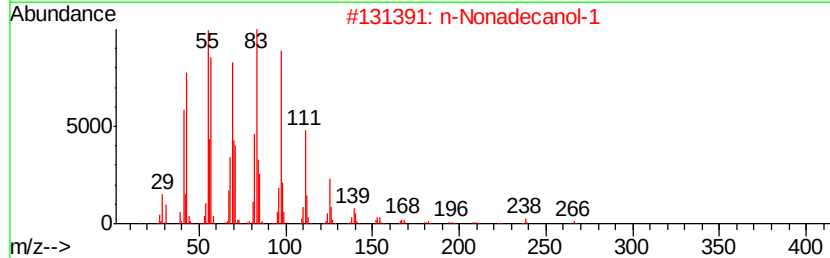
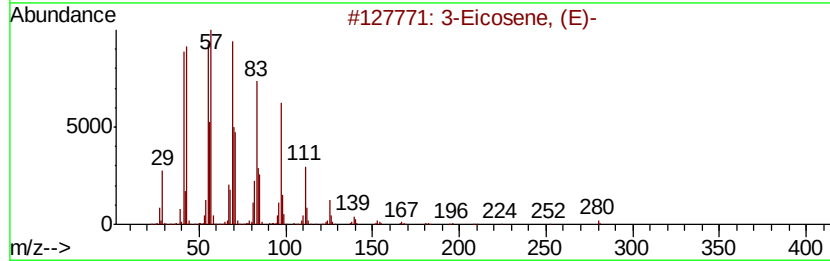
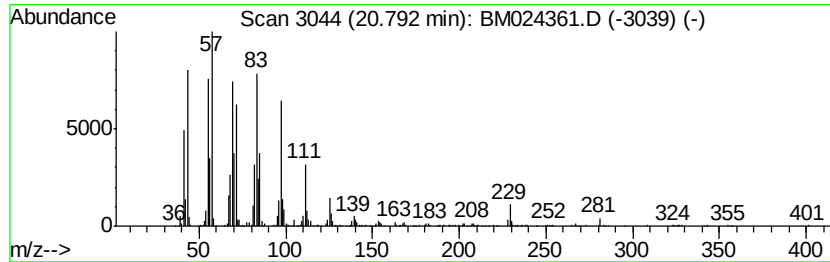
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	7.92 ng/ul	1495030	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	87
3		n-Heptadecanol-1	256	C17H36O	001454-85-9	87
4		1-Hexadecanol	242	C16H34O	036653-82-4	87
5		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	87



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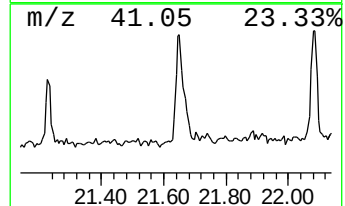
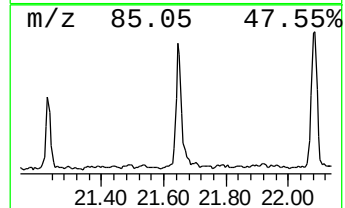
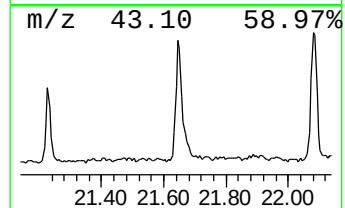
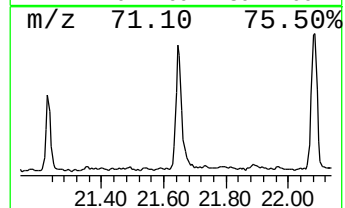
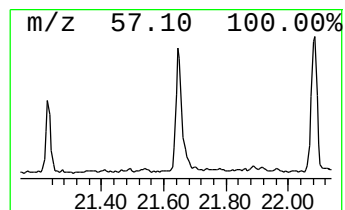
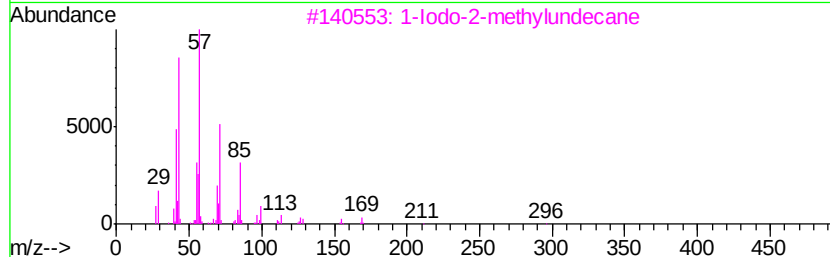
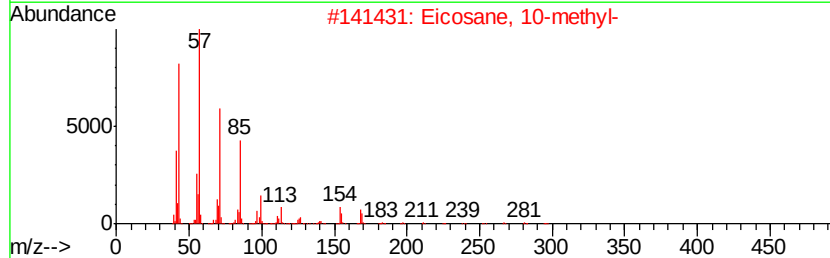
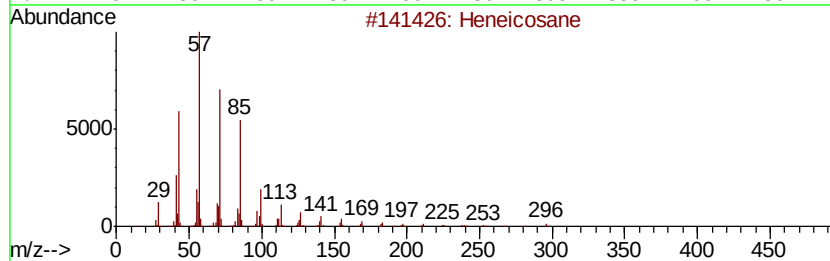
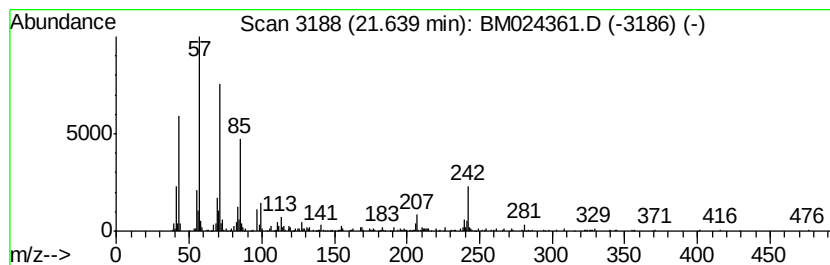
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	3.67 ng/ul	692504	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
4		Nonadecane	268	C19H40	000629-92-5	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024361.D
Acq On : 28 Dec 2019 22:11
Operator : JU
Sample : K6278-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C84

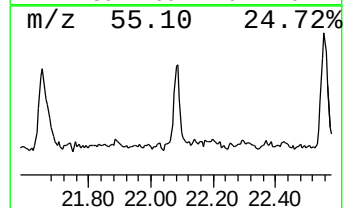
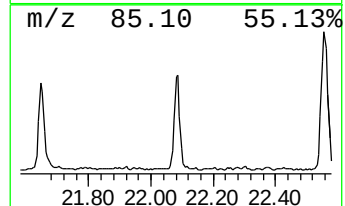
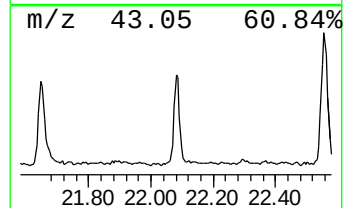
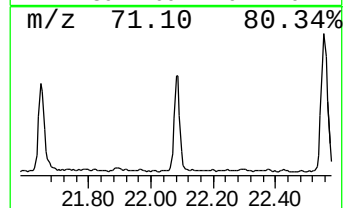
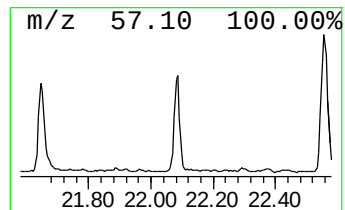
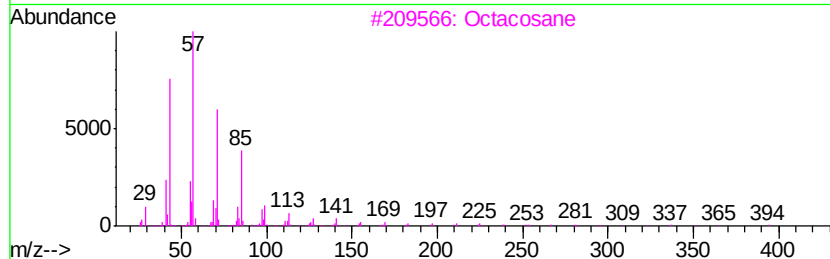
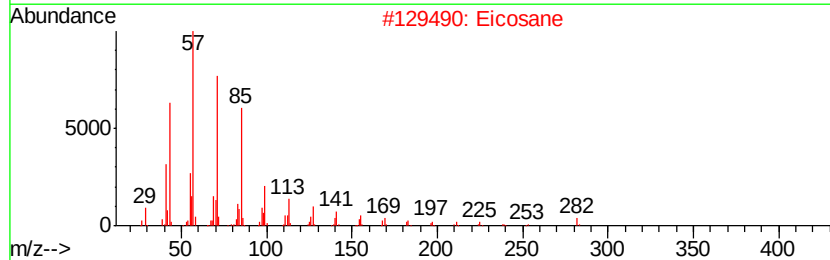
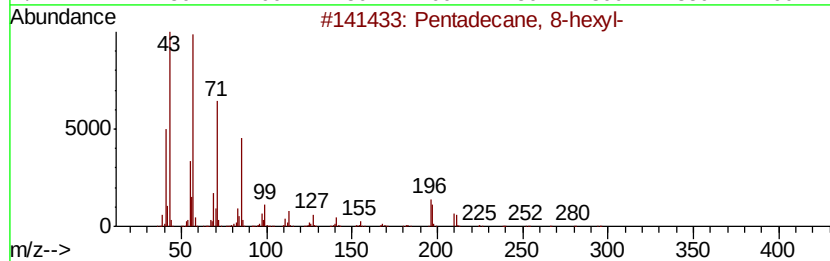
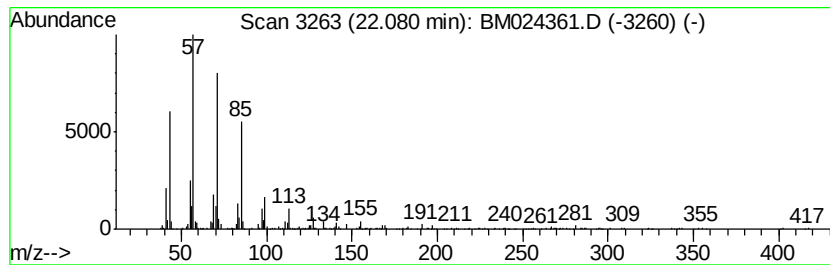
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.08	2.60 ng/ul	491734	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
2		Eicosane	282	C20H42	000112-95-8	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Nonadecane	268	C19H40	000629-92-5	86
5		Octadecane	254	C18H38	000593-45-3	86



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Sample : K6278-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C84

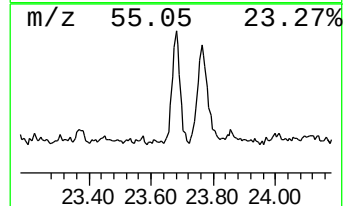
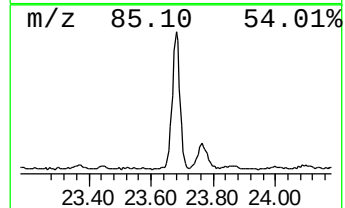
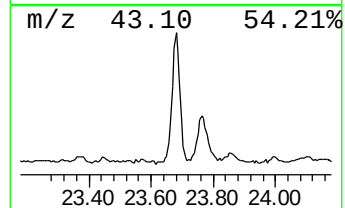
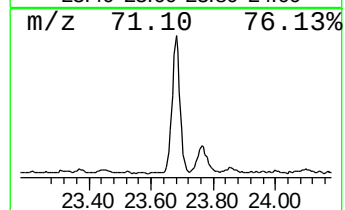
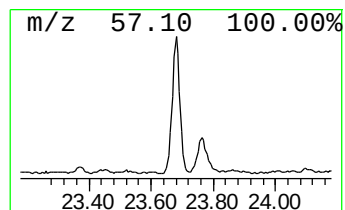
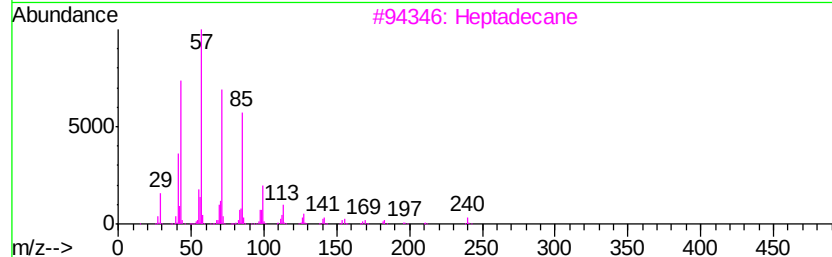
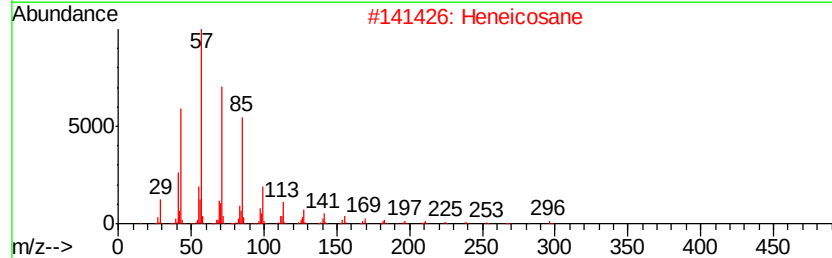
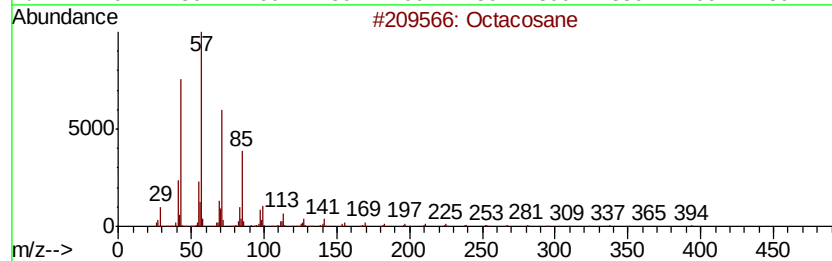
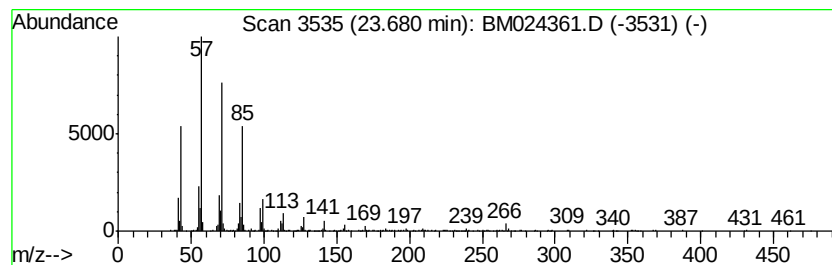
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
23.68	5.21 ng/ul	868293	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane	240	C17H36	000629-78-7	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Eicosane	282	C20H42	000112-95-8	87



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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C84

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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	17.76	2.2	ng/ul	329063	4	16.83	2979420	20.0
(DEL) Alkane: Cyc...	20.79	7.9	ng/ul	1495030	5	21.05	3775700	20.0
(DEL) Alkane: Str...	21.64	3.7	ng/ul	692504	5	21.05	3775700	20.0
(DEL) Alkane: Str...	22.08	2.6	ng/ul	491734	5	21.05	3775700	20.0
(DEL) Alkane: Str...	23.68	5.2	ng/ul	868293	6	23.17	3333330	20.0