

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
 Data File : BM024073.D
 Acq On : 12 Dec 2019 23:46
 Operator : JU
 Sample : K6089-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BQ9

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-BM112719MA.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	3.028	21	24	36	rVB	62559	103824	1.64%	0.103%
2	3.646	124	129	135	rVV	44687	71229	1.12%	0.070%
3	3.728	139	143	149	rVB	54754	74412	1.18%	0.074%
4	4.634	294	297	305	rVV2	63777	121005	1.91%	0.120%
5	5.146	379	384	395	rVB2	45010	92662	1.46%	0.092%
6	5.510	440	446	453	rVB3	45057	81937	1.29%	0.081%
7	6.663	630	642	655	rBV2	1060026	2205903	34.84%	2.182%
8	6.822	663	669	685	rBV	923722	1510751	23.86%	1.494%
9	7.004	694	700	713	rVB	1179417	1930745	30.49%	1.910%
10	7.110	713	718	727	rVB3	50413	109555	1.73%	0.108%
11	7.469	772	779	790	rBV	1590054	2500582	39.49%	2.473%
12	8.187	895	901	909	rBV	1152106	1908052	30.13%	1.887%
13	8.304	916	921	928	rVB	66873	130845	2.07%	0.129%
14	8.622	969	975	985	rVV	1060317	1791400	28.29%	1.772%
15	8.698	985	988	996	rVV	51588	82912	1.31%	0.082%
16	9.063	1043	1050	1056	rBV	40235	71536	1.13%	0.071%
17	9.339	1088	1097	1108	rBV	855483	1485319	23.46%	1.469%
18	9.875	1179	1188	1208	rVV	1365567	2404745	37.98%	2.379%
19	10.239	1241	1250	1256	rBV	2245414	3663516	57.86%	3.624%
20	10.286	1256	1258	1267	rVB	70066	114407	1.81%	0.113%
21	10.392	1267	1276	1299	rBV	578116	1339273	21.15%	1.325%
22	11.286	1422	1428	1437	rBV	72526	130987	2.07%	0.130%
23	11.692	1486	1497	1503	rBV	84725	155097	2.45%	0.153%
24	11.916	1529	1535	1543	rVB	109990	193533	3.06%	0.191%
25	12.139	1567	1573	1578	rVV	77788	130326	2.06%	0.129%
26	12.969	1707	1714	1723	rBV2	129473	216021	3.41%	0.214%
27	13.286	1762	1768	1770	rBV3	50234	80990	1.28%	0.080%
28	13.451	1791	1796	1801	rBV	87852	152596	2.41%	0.151%
29	13.504	1801	1805	1808	rBV	66961	91125	1.44%	0.090%
30	13.551	1808	1813	1818	rBV	2564840	3484021	55.02%	3.446%
31	13.598	1818	1821	1826	rVB	461448	596025	9.41%	0.590%
32	13.680	1831	1835	1839	rBV3	58023	84579	1.34%	0.084%
33	13.816	1851	1858	1870	rBV	2928017	4469927	70.59%	4.421%
34	14.057	1894	1899	1904	rVV	137839	165767	2.62%	0.164%

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35	14.127	1904	1911	1918	rVV2	3210155	4885277	77.15%	4.832%
36	14.368	1944	1952	1970	rBV	381196	886164	13.99%	0.876%
37	14.539	1976	1981	1984	rVV3	99431	179816	2.84%	0.178%
38	14.580	1984	1988	1992	rVV4	119243	206181	3.26%	0.204%
39	14.616	1992	1994	2001	rVB	74236	98555	1.56%	0.097%
40	14.757	2013	2018	2024	rBV3	66581	131755	2.08%	0.130%
41	14.810	2024	2027	2032	rVB	59682	83231	1.31%	0.082%
42	14.927	2041	2047	2051	rBV2	58608	104434	1.65%	0.103%
43	15.015	2058	2062	2067	rVB	150857	187037	2.95%	0.185%
44	15.133	2076	2082	2088	rBV	3707181	5381581	84.99%	5.323%
45	15.180	2088	2090	2096	rVB3	48730	71469	1.13%	0.071%
46	15.274	2101	2106	2118	rBV	816656	1150811	18.17%	1.138%
47	15.421	2126	2131	2135	rVB6	45515	80876	1.28%	0.080%
48	15.486	2135	2142	2151	rVB3	67084	145521	2.30%	0.144%
49	15.633	2161	2167	2174	rVB6	49547	128460	2.03%	0.127%
50	15.721	2174	2182	2189	rVB4	44716	84413	1.33%	0.083%
51	15.880	2204	2209	2212	rBV2	202517	299455	4.73%	0.296%
52	16.204	2252	2264	2267	rBV7	38958	111289	1.76%	0.110%
53	16.468	2305	2309	2312	rVV3	46604	74716	1.18%	0.074%
54	16.551	2318	2323	2331	rVB4	74070	136191	2.15%	0.135%
55	16.627	2331	2336	2340	rBV2	63351	125360	1.98%	0.124%
56	16.674	2340	2344	2348	rVV	202567	242383	3.83%	0.240%
57	16.704	2348	2349	2360	rVB5	46751	96561	1.52%	0.096%
58	16.809	2364	2367	2372	rBV3	51222	72399	1.14%	0.072%
59	16.886	2374	2380	2384	rBV	3762025	5429310	85.74%	5.370%
60	16.927	2384	2387	2391	rVV	586580	757946	11.97%	0.750%
61	16.980	2391	2396	2409	rVB	3647860	5481515	86.57%	5.422%
62	17.086	2409	2414	2419	rVB5	47683	86943	1.37%	0.086%
63	17.209	2431	2435	2439	rVB3	67396	101704	1.61%	0.101%
64	17.298	2446	2450	2454	rBV3	61139	89749	1.42%	0.089%
65	17.409	2465	2469	2473	rBV	166377	207420	3.28%	0.205%
66	17.762	2524	2529	2532	rBV	180098	246893	3.90%	0.244%
67	17.809	2532	2537	2545	rBV	1128721	1528800	24.14%	1.512%
68	17.951	2556	2561	2565	rBV2	233747	368937	5.83%	0.365%
69	17.992	2565	2568	2574	rVB	140563	193784	3.06%	0.192%
70	18.104	2583	2587	2593	rBV	188475	284727	4.50%	0.282%
71	18.268	2612	2615	2619	rVB	121627	162630	2.57%	0.161%

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72	18.521	2655	2658	2662	rVV4	69128	89999	1.42%	0.089%
73	18.574	2663	2667	2670	rVV	75595	114718	1.81%	0.113%
74	18.609	2670	2673	2677	rVB3	59676	86763	1.37%	0.086%
75	18.692	2682	2687	2691	rBV	198141	320013	5.05%	0.317%
76	18.751	2692	2697	2700	rVV	243448	324975	5.13%	0.321%
77	18.786	2700	2703	2706	rVB	79852	90973	1.44%	0.090%
78	18.839	2707	2712	2719	rBV3	82898	175258	2.77%	0.173%
79	18.951	2723	2731	2738	rBV	1260191	1808290	28.56%	1.789%
80	19.103	2753	2757	2763	rBV	280355	410123	6.48%	0.406%
81	19.286	2783	2788	2792	rBV	4334779	6332036	100.00%	6.263%
82	19.403	2804	2808	2814	rVB2	92280	158898	2.51%	0.157%
83	19.650	2846	2850	2861	rBV6	86812	232008	3.66%	0.229%
84	19.821	2876	2879	2884	rVB	131671	169400	2.68%	0.168%
85	19.874	2884	2888	2892	rVB	308199	336017	5.31%	0.332%
86	19.921	2893	2896	2900	rBV	102193	131692	2.08%	0.130%
87	20.368	2969	2972	2976	rBV	229655	272988	4.31%	0.270%
88	20.580	3005	3008	3014	rVB2	106634	172965	2.73%	0.171%
89	20.833	3046	3051	3064	rVB2	1811288	2758550	43.56%	2.728%
90	21.033	3081	3085	3088	rBV	942306	1060838	16.75%	1.049%
91	21.092	3089	3095	3099	rVV	4382269	6187853	97.72%	6.120%
92	21.127	3099	3101	3110	rVB	549115	682321	10.78%	0.675%
93	21.274	3123	3126	3130	rBV	309331	340384	5.38%	0.337%
94	21.692	3193	3197	3206	rBV3	596170	1028509	16.24%	1.017%
95	22.133	3269	3272	3278	rVB	597105	759851	12.00%	0.752%
96	22.609	3348	3353	3359	rBV2	1027422	1877874	29.66%	1.857%
97	23.091	3430	3435	3440	rBV	3037156	5033273	79.49%	4.978%
98	23.144	3440	3444	3451	rVB2	965316	1702055	26.88%	1.683%
99	23.227	3452	3458	3465	rBV	2945714	5230141	82.60%	5.173%
100	23.750	3543	3547	3554	rVB	885052	1564502	24.71%	1.547%

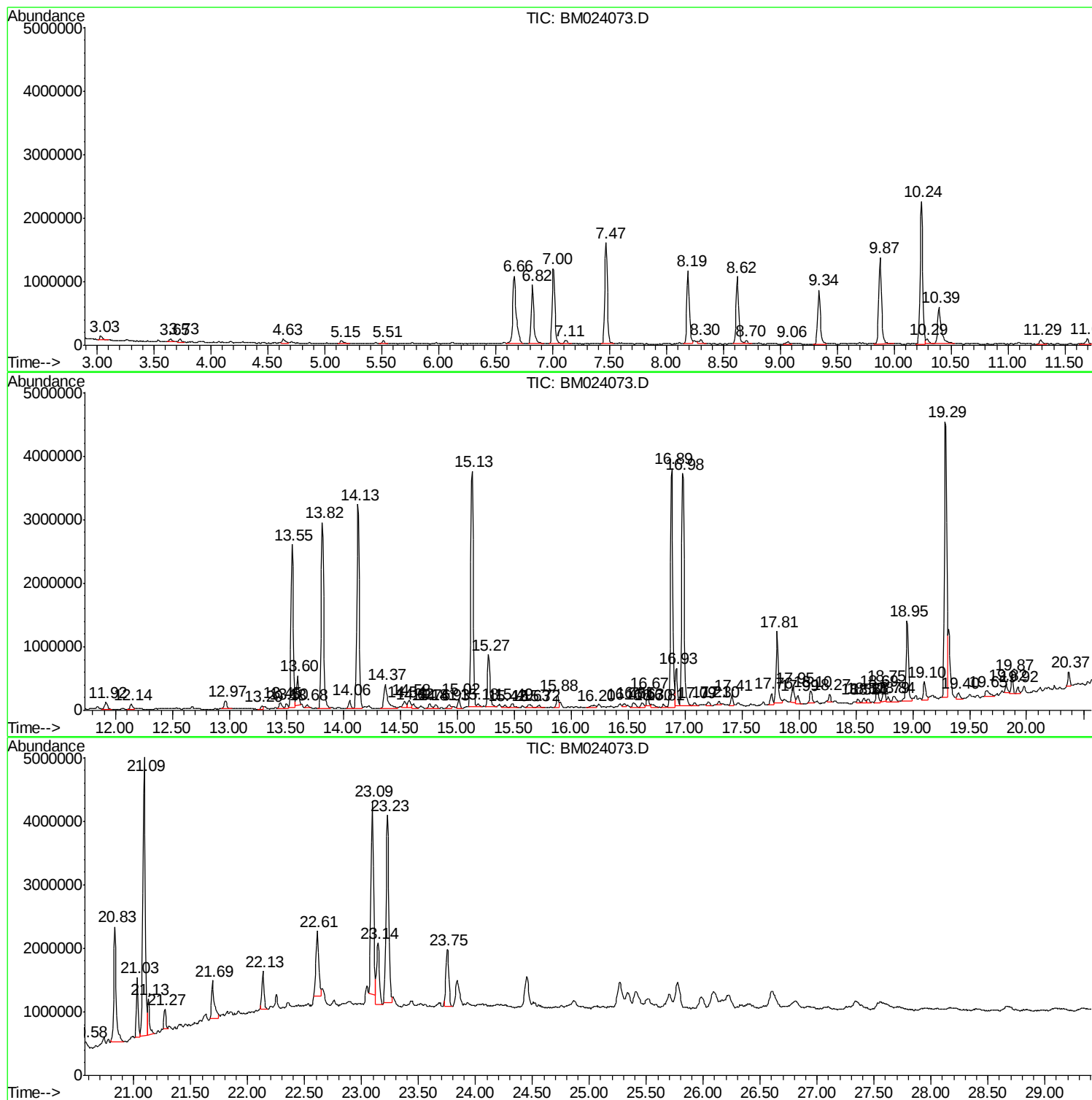
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



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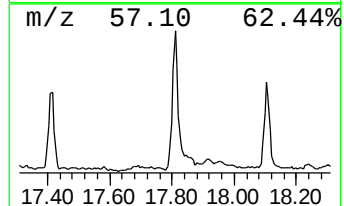
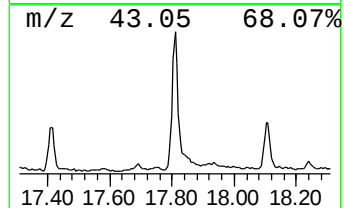
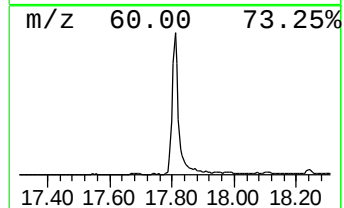
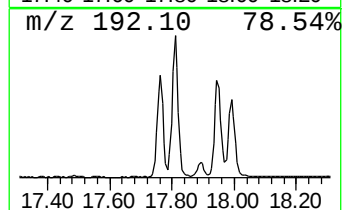
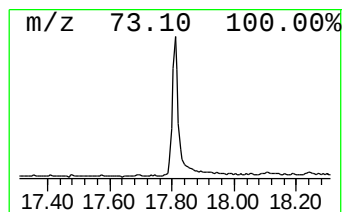
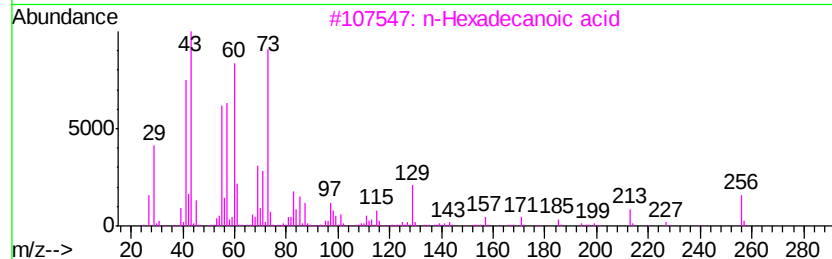
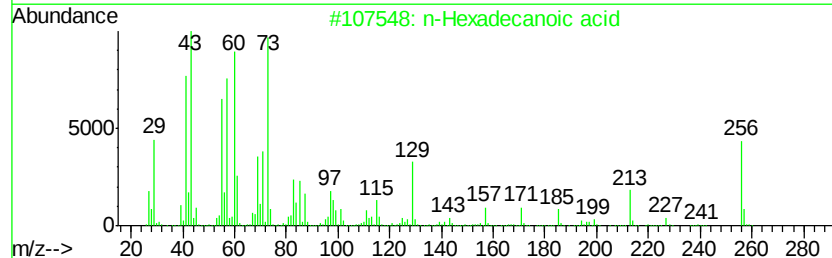
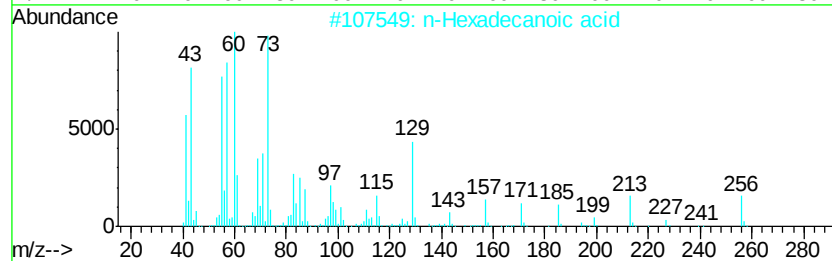
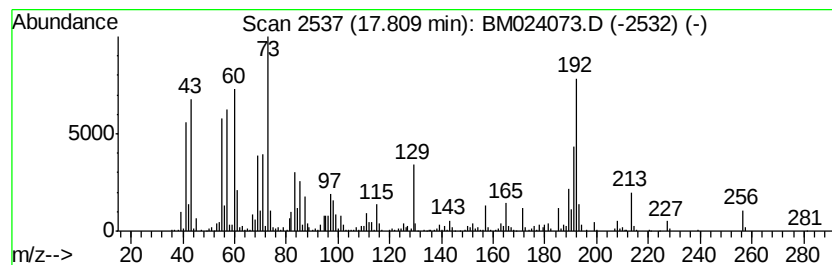
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.81	5.63 ng/ul	1528800	Phenanthrene-d10		16.89

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	97	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91	
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91	



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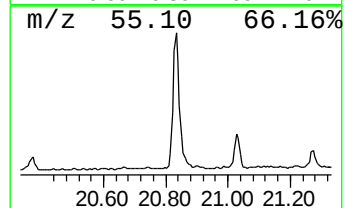
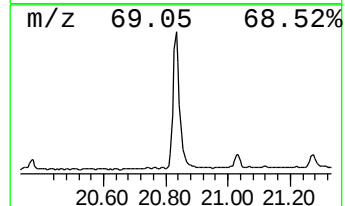
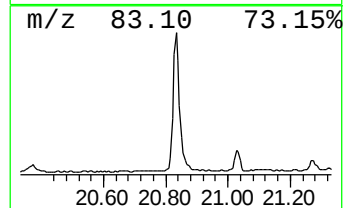
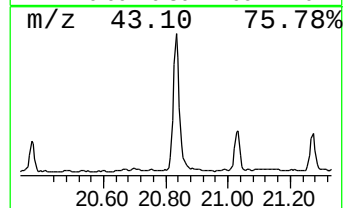
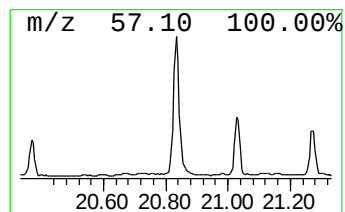
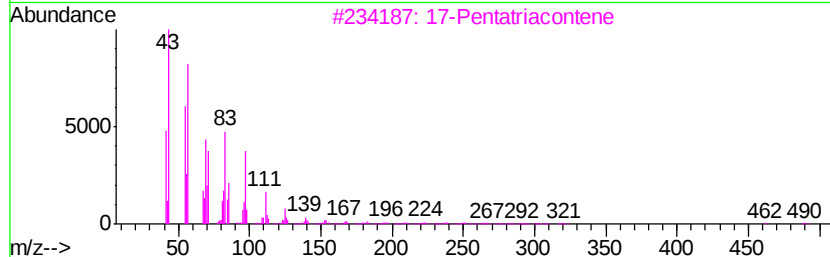
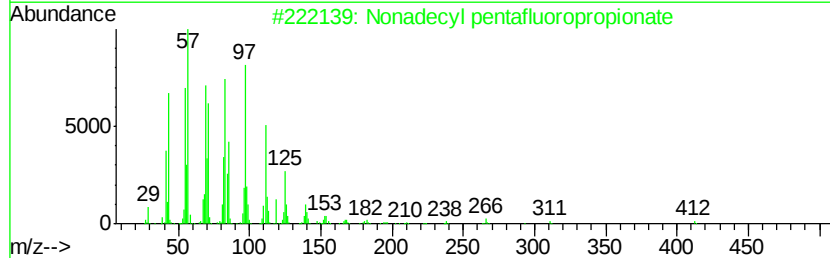
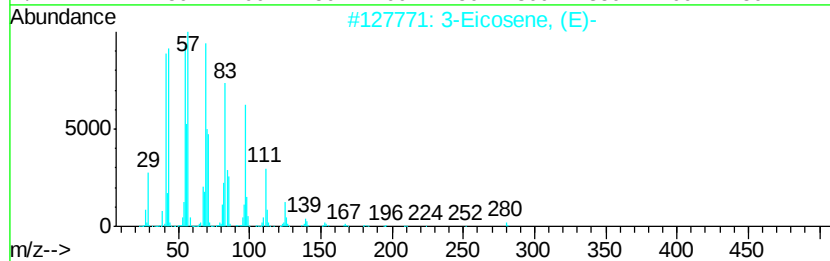
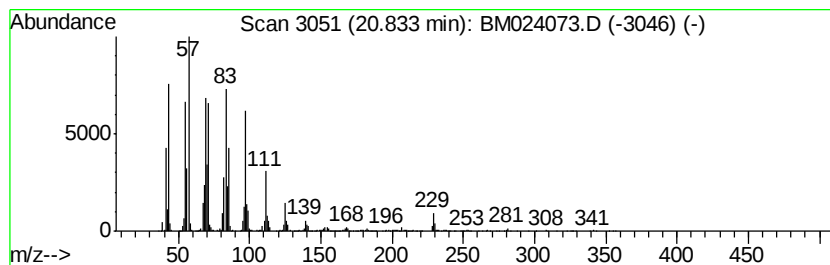
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Peak Number 2 (DEL) Alkane: Cyclic20.83 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	8.92 ng/ul	2758550	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3		17-Pentatriacontene	491	C35H70	006971-40-0	87
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81
5		1-Docosene	308	C22H44	001599-67-3	81



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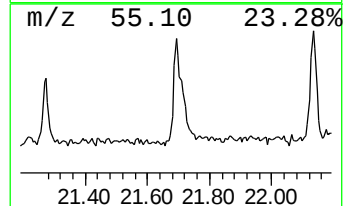
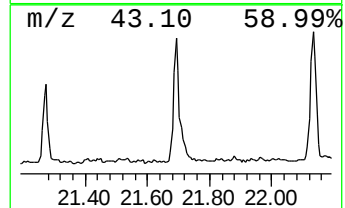
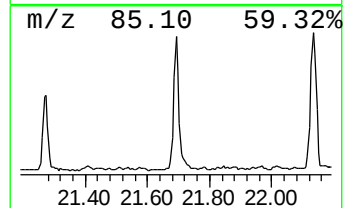
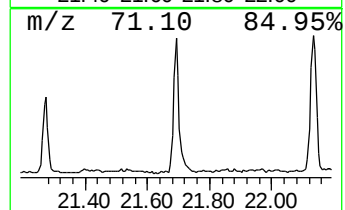
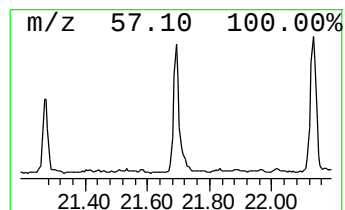
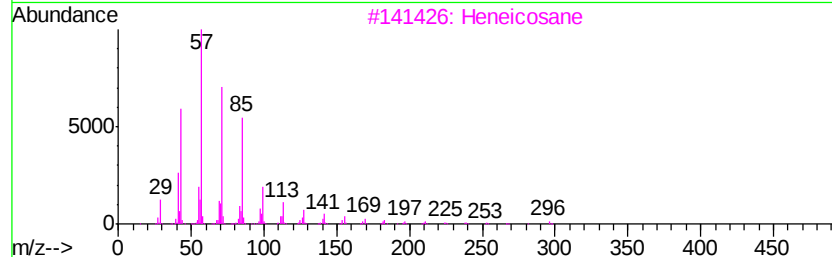
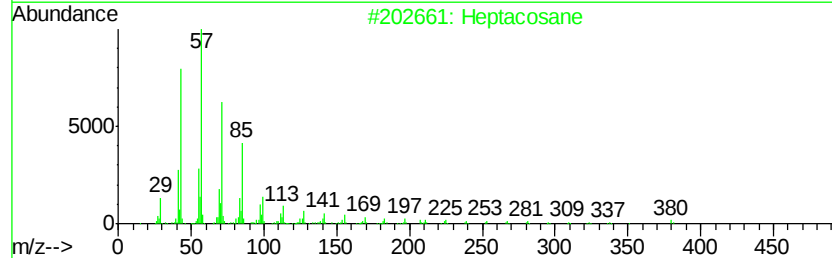
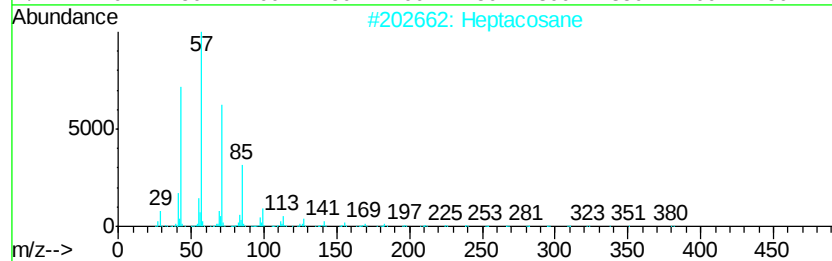
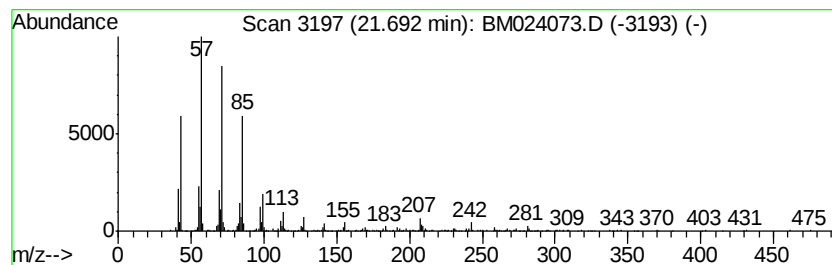
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	3.32 ng/ul	1028510	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5		Eicosane	282	C20H42	000112-95-8	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024073.D
Acq On : 12 Dec 2019 23:46
Operator : JU
Sample : K6089-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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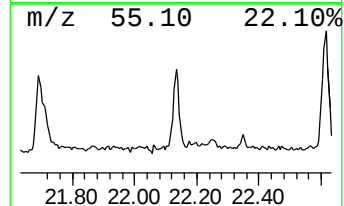
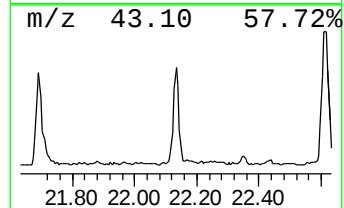
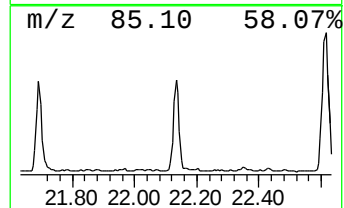
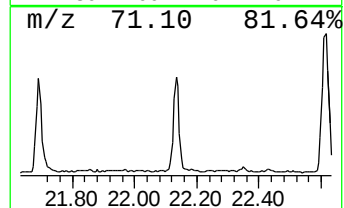
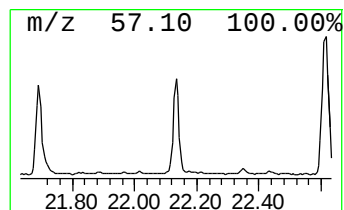
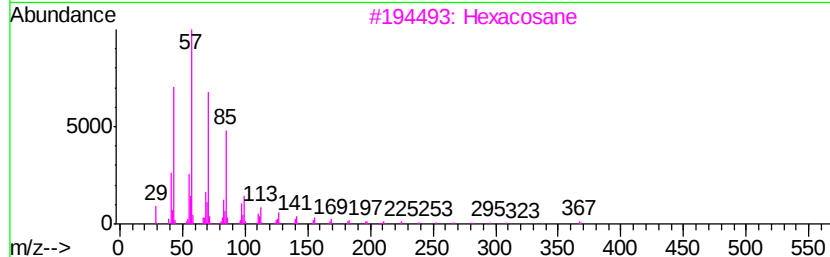
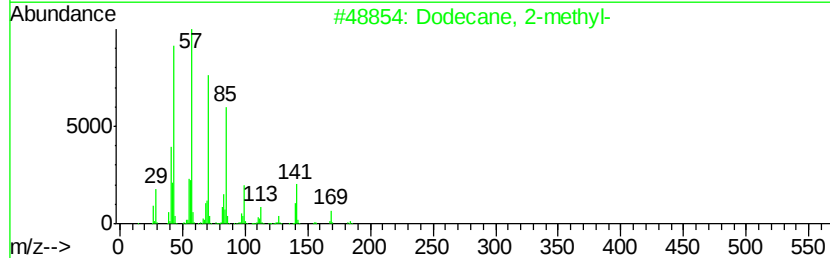
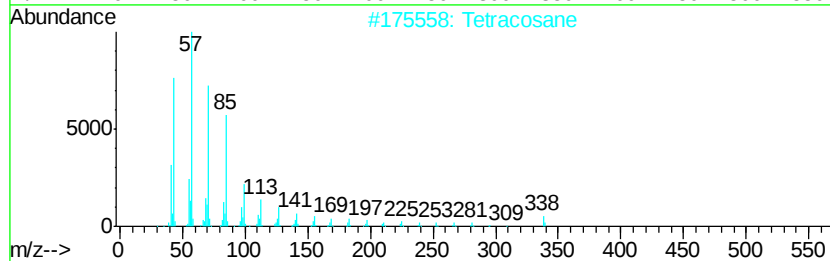
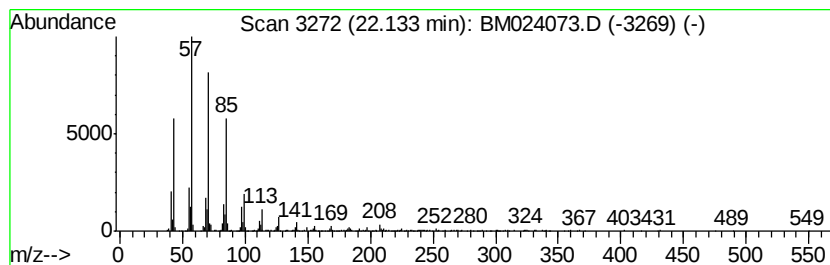
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	2.46 ng/ul	759851	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	95
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024073.D
Acq On : 12 Dec 2019 23:46
Operator : JU
Sample : K6089-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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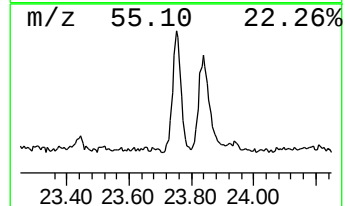
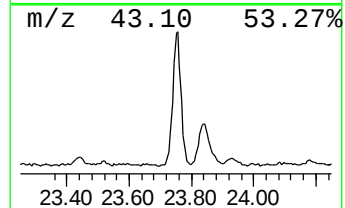
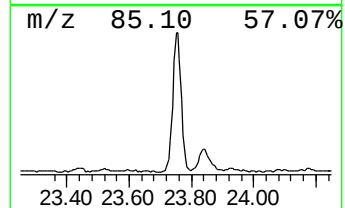
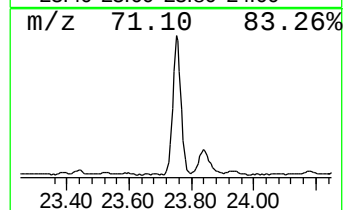
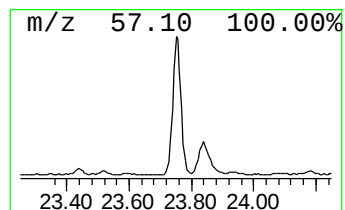
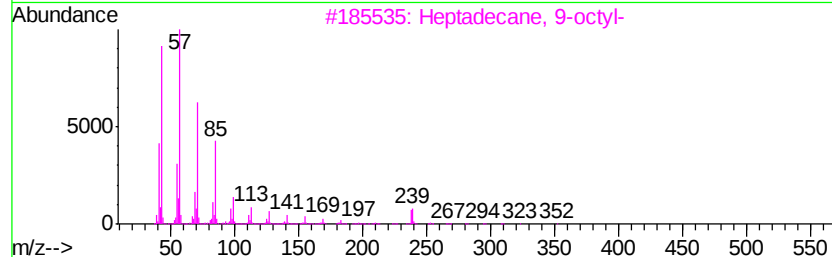
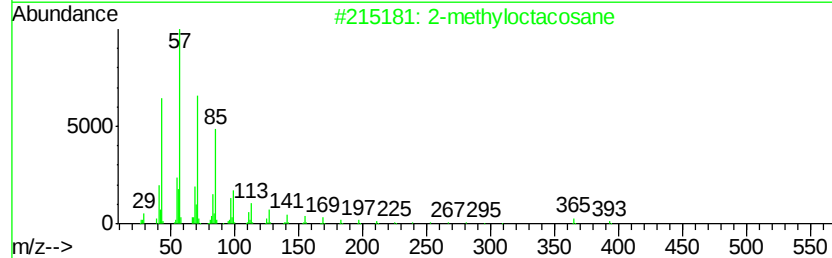
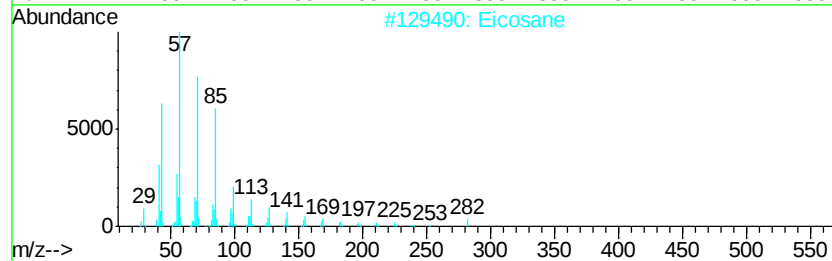
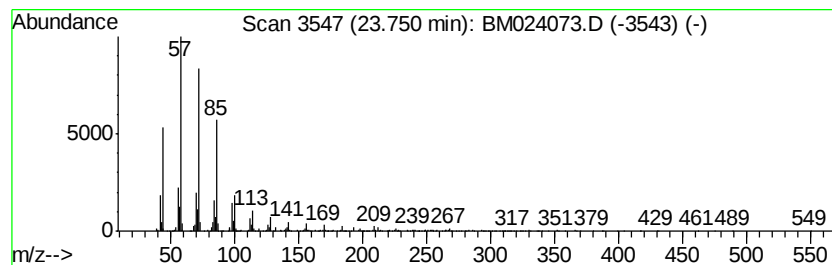
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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.
23.75	5.98 ng/ul	1564500	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024073.D
Acq On : 12 Dec 2019 23:46
Operator : JU
Sample : K6089-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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	17.81	5.6	ng/ul	1528800	4	16.89	5429310	20.0
(DEL) Alkane: Cyc...	20.83	8.9	ng/ul	2758550	5	21.09	6187850	20.0
(DEL) Alkane: Str...	21.69	3.3	ng/ul	1028510	5	21.09	6187850	20.0
(DEL) Alkane: Str...	22.13	2.5	ng/ul	759851	5	21.09	6187850	20.0
(DEL) Alkane: Str...	23.75	6.0	ng/ul	1564500	6	23.23	5230140	20.0