

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
 Data File : BM023187.D
 Acq On : 16 Oct 2019 10:46
 Operator : JU
 Sample : K5202-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA0

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-BM101419MA.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	3.204	33	37	48	rVB	61789	98527	1.10%	0.091%
2	3.710	120	123	128	rBV	37908	49957	0.56%	0.046%
3	3.846	142	146	152	rVB	30446	49906	0.56%	0.046%
4	3.934	156	161	168	rVB2	23725	37861	0.42%	0.035%
5	4.828	310	313	320	rVB	17677	28664	0.32%	0.026%
6	6.369	569	575	583	rVB7	11705	25794	0.29%	0.024%
7	6.851	650	657	673	rBV	1107378	1861219	20.84%	1.712%
8	7.022	680	686	696	rBV	800245	1301504	14.57%	1.197%
9	7.222	713	720	732	rBV	1093964	1770127	19.82%	1.628%
10	7.686	792	799	807	rBV	1450756	2236017	25.04%	2.057%
11	8.386	910	918	926	rBV	1321197	2110713	23.63%	1.941%
12	8.828	984	993	1001	rBV	999740	1679970	18.81%	1.545%
13	9.322	1072	1077	1082	rVB2	14683	24729	0.28%	0.023%
14	9.551	1104	1116	1128	rBV	727760	1217060	13.63%	1.119%
15	10.086	1199	1207	1215	rVV	1431933	2308842	25.85%	2.124%
16	10.269	1231	1238	1241	rBV6	9963	19274	0.22%	0.018%
17	10.469	1264	1272	1280	rBV	2091999	3473580	38.89%	3.195%
18	10.598	1285	1294	1303	rBV	1161787	2007894	22.48%	1.847%
19	12.063	1538	1543	1550	rVB2	27772	45049	0.50%	0.041%
20	12.692	1646	1650	1655	rBV5	16001	26639	0.30%	0.025%
21	12.945	1689	1693	1699	rVB5	15304	27551	0.31%	0.025%
22	13.657	1810	1814	1819	rVB4	39513	51295	0.57%	0.047%
23	13.745	1819	1829	1833	rBV	2542957	3682722	41.23%	3.387%
24	13.786	1833	1836	1843	rVV	1043645	1410264	15.79%	1.297%
25	14.015	1868	1875	1886	rBV	3094669	4583305	51.32%	4.216%
26	14.263	1913	1917	1920	rBV5	17501	21056	0.24%	0.019%
27	14.327	1920	1928	1935	rVV2	3341164	4966711	55.61%	4.568%
28	14.386	1935	1938	1943	rVB3	29491	43581	0.49%	0.040%
29	14.510	1952	1959	1971	rBV	761393	1104212	12.36%	1.016%
30	14.663	1981	1985	1993	rBV4	35412	62003	0.69%	0.057%
31	14.745	1993	1999	2006	rVB2	306445	464148	5.20%	0.427%
32	15.162	2066	2070	2073	rVB5	17305	22242	0.25%	0.020%
33	15.221	2077	2080	2086	rVB4	18498	21936	0.25%	0.020%
34	15.321	2090	2097	2103	rBV	3941433	5612664	62.84%	5.162%

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35	15.374	2103	2106	2111	rVV	41685	60808	0.68%	0.056%
36	15.433	2111	2116	2124	rVV	607075	840004	9.41%	0.773%
37	15.562	2133	2138	2142	rVB2	48072	67191	0.75%	0.062%
38	16.080	2223	2226	2228	rBV2	23020	29462	0.33%	0.027%
39	16.109	2228	2231	2238	rVB5	38196	56175	0.63%	0.052%
40	16.492	2293	2296	2301	rBV6	15170	26588	0.30%	0.024%
41	16.621	2314	2318	2322	rBV7	20098	30234	0.34%	0.028%
42	16.727	2331	2336	2338	rBV2	16240	24063	0.27%	0.022%
43	16.809	2346	2350	2355	rBV6	15414	36994	0.41%	0.034%
44	16.851	2355	2357	2359	rVV3	25536	31056	0.35%	0.029%
45	16.886	2359	2363	2368	rVV2	49717	86143	0.96%	0.079%
46	16.992	2377	2381	2385	rBV7	11785	21215	0.24%	0.020%
47	17.068	2388	2394	2398	rVV2	4250546	6043631	67.67%	5.559%
48	17.109	2398	2401	2406	rVV	883605	1219249	13.65%	1.121%
49	17.168	2406	2411	2422	rVV	4308481	6313102	70.69%	5.807%
50	17.262	2423	2427	2432	rVB2	57886	88387	0.99%	0.081%
51	17.380	2444	2447	2451	rVB	17647	20456	0.23%	0.019%
52	17.468	2458	2462	2468	rVB	81803	134758	1.51%	0.124%
53	17.609	2481	2486	2489	rBV5	21902	39582	0.44%	0.036%
54	17.651	2491	2493	2498	rVB6	18222	22023	0.25%	0.020%
55	17.874	2526	2531	2535	rBV7	26758	45180	0.51%	0.042%
56	17.945	2539	2543	2547	rVV	86312	130109	1.46%	0.120%
57	17.992	2547	2551	2559	rVV	535372	832500	9.32%	0.766%
58	18.062	2560	2563	2569	rVV2	82475	169857	1.90%	0.156%
59	18.139	2571	2576	2580	rVV2	210002	347127	3.89%	0.319%
60	18.174	2580	2582	2587	rVB	57824	80197	0.90%	0.074%
61	18.451	2623	2629	2632	rBV	102786	190750	2.14%	0.175%
62	18.480	2632	2634	2639	rVB	113753	138324	1.55%	0.127%
63	18.750	2677	2680	2684	rBV2	28206	40983	0.46%	0.038%
64	18.862	2694	2699	2704	rBV3	159731	269510	3.02%	0.248%
65	18.939	2708	2712	2719	rVB6	71102	128551	1.44%	0.118%
66	19.003	2719	2723	2726	rBV2	53021	80787	0.90%	0.074%
67	19.127	2739	2744	2754	rVB	2423778	3333180	37.32%	3.066%
68	19.280	2766	2770	2774	rBV2	167379	237470	2.66%	0.218%
69	19.462	2795	2801	2805	rBV	5939724	8931061	100.00%	8.215%
70	19.492	2805	2806	2814	rVV	1978844	1750239	19.60%	1.610%
71	19.568	2815	2819	2825	rVB2	73525	130167	1.46%	0.120%

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72	19.674	2833	2837	2841	rBV	102454	130889	1.47%	0.120%
73	19.821	2857	2862	2863	rBV2	83086	124957	1.40%	0.115%
74	19.956	2882	2885	2887	rBV3	63252	85902	0.96%	0.079%
75	19.992	2887	2891	2897	rVB	287124	398591	4.46%	0.367%
76	20.056	2900	2902	2905	rBV	60329	65563	0.73%	0.060%
77	20.092	2905	2908	2912	rVB	260795	307209	3.44%	0.283%
78	20.150	2913	2918	2922	rBV2	138029	205947	2.31%	0.189%
79	20.286	2938	2941	2945	rVB	66478	81099	0.91%	0.075%
80	20.339	2946	2950	2954	rVV4	68672	102038	1.14%	0.094%
81	20.556	2984	2987	2990	rBV	115379	124287	1.39%	0.114%
82	20.739	3015	3018	3025	rVB	105615	171745	1.92%	0.158%
83	20.903	3043	3046	3050	rVB	155270	184091	2.06%	0.169%
84	20.944	3050	3053	3056	rBV	134877	148522	1.66%	0.137%
85	21.003	3056	3063	3077	rVB5	569334	1368905	15.33%	1.259%
86	21.209	3095	3098	3100	rBV	126192	150290	1.68%	0.138%
87	21.256	3100	3106	3110	rVV2	5634152	8817143	98.72%	8.110%
88	21.291	3110	3112	3120	rVB	1055787	1367548	15.31%	1.258%
89	21.409	3129	3132	3136	rBV	191888	239620	2.68%	0.220%
90	21.456	3137	3140	3146	rVB	321274	378455	4.24%	0.348%
91	21.562	3155	3158	3165	rBV2	141012	223362	2.50%	0.205%
92	21.891	3211	3214	3223	rVB	541331	706646	7.91%	0.650%
93	22.356	3289	3293	3298	rBV	514041	646467	7.24%	0.595%
94	22.815	3365	3371	3375	rBV	820629	1786773	20.01%	1.643%
95	22.868	3376	3380	3384	rVB2	763984	1277175	14.30%	1.175%
96	23.285	3446	3451	3454	rBV	402125	735661	8.24%	0.677%
97	23.333	3454	3459	3464	rVV	3280699	5773473	64.64%	5.310%
98	23.474	3473	3483	3490	rBV	3263482	6915037	77.43%	6.360%
99	24.091	3583	3588	3595	rBV	506841	953830	10.68%	0.877%
100	24.850	3712	3717	3730	rVB2	333018	775089	8.68%	0.713%

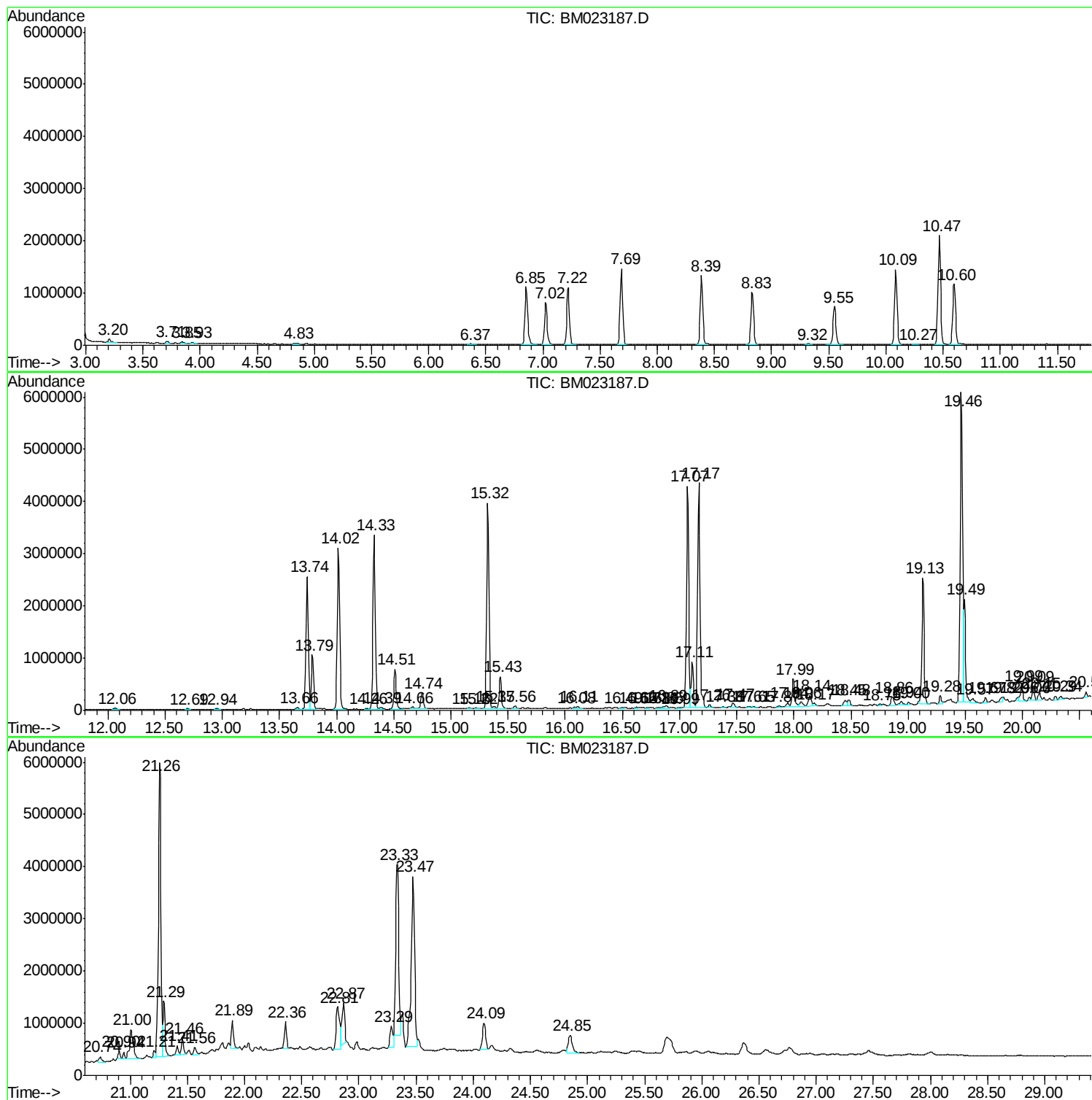
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



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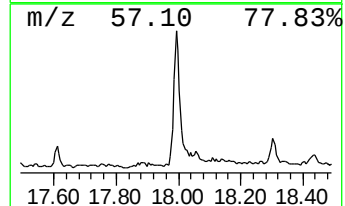
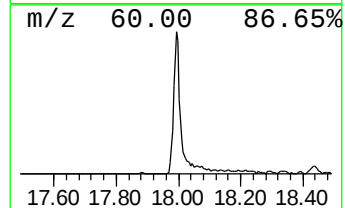
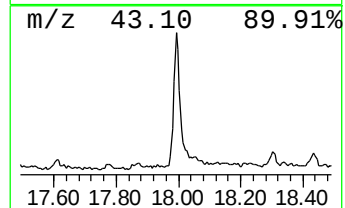
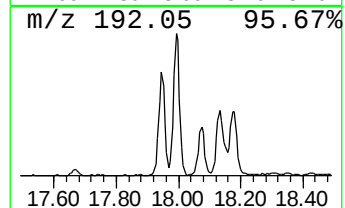
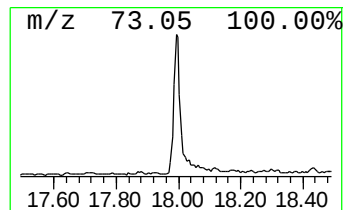
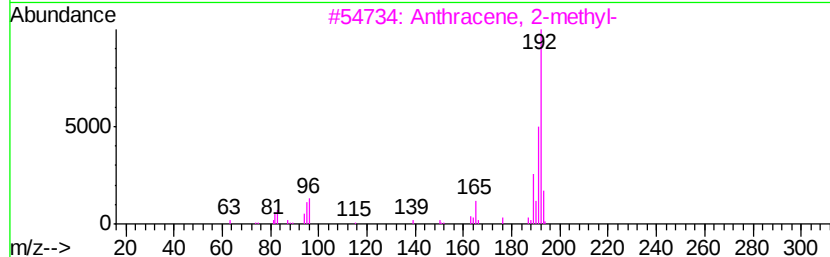
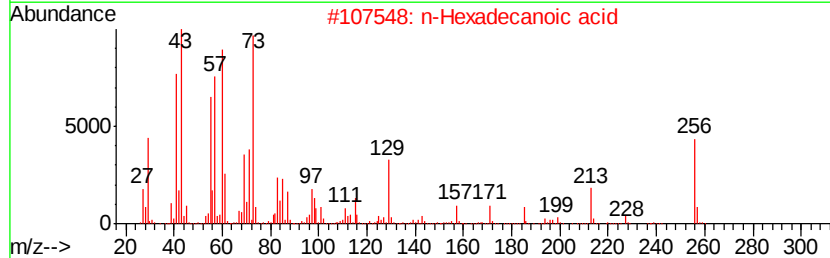
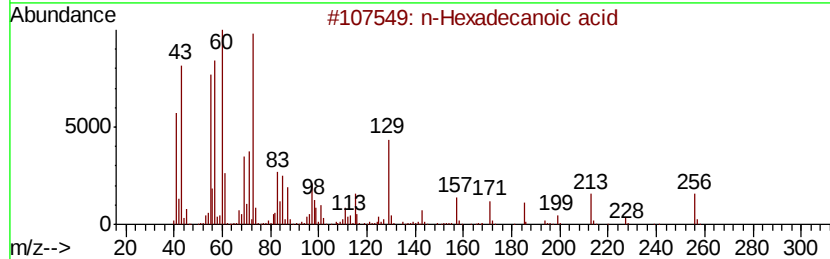
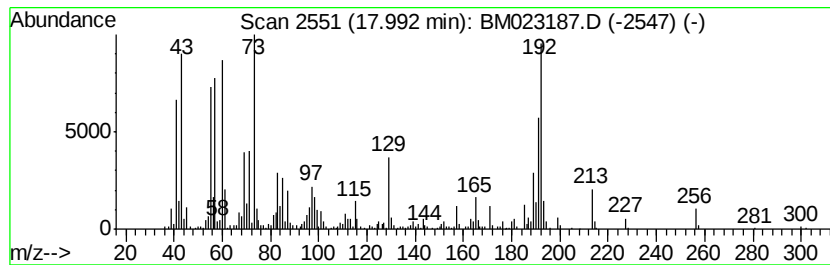
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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.	
17.99	2.75 ng/ul	832500	Phenanthrene-d10	17.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74



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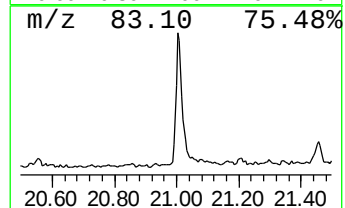
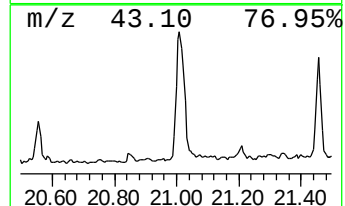
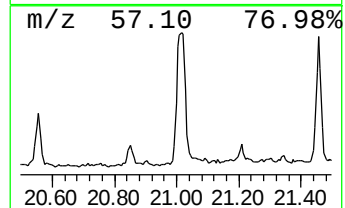
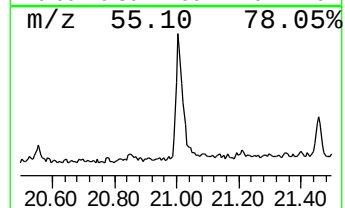
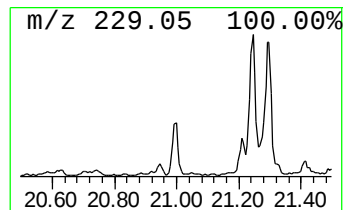
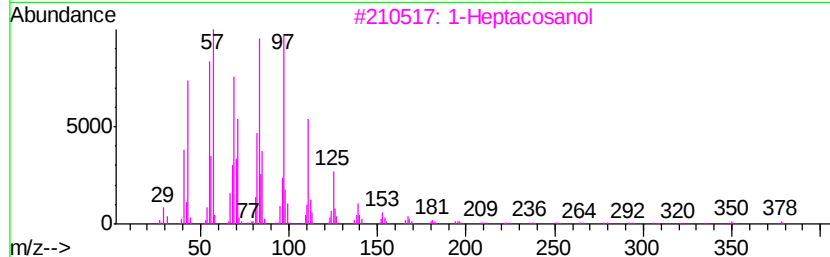
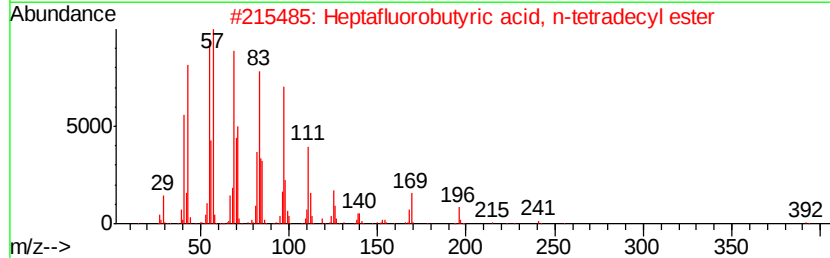
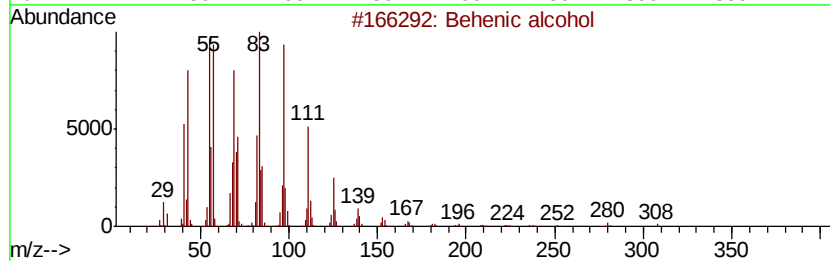
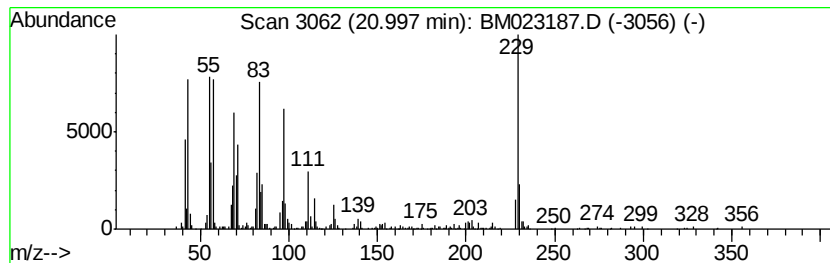
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.00	3.11 ng/ul	1368910	Chrysene-d12	21.26		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	93
2		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93
3		1-Heptacosanol	396	C27H56O	002004-39-9	90
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5		1-Heneicosanol	312	C21H44O	015594-90-8	90



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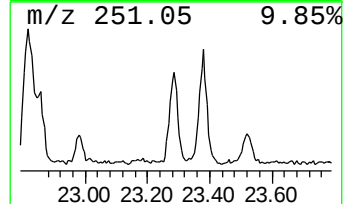
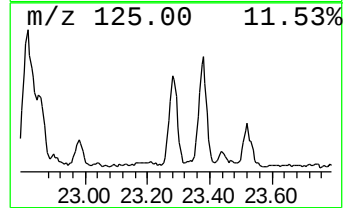
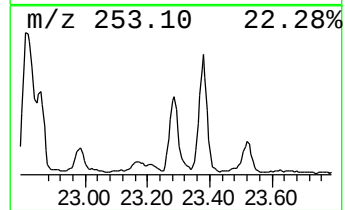
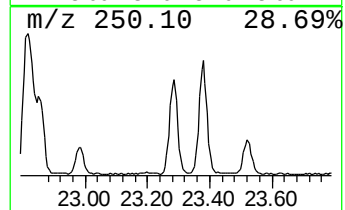
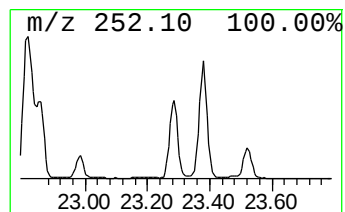
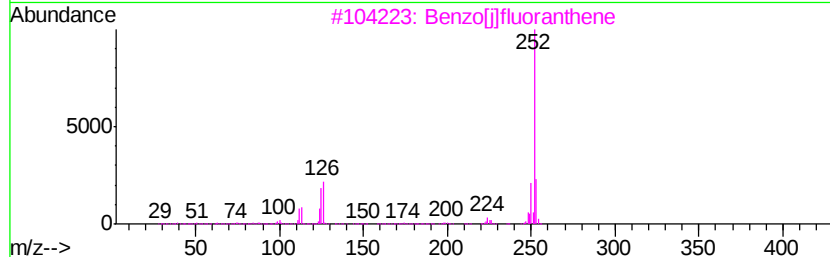
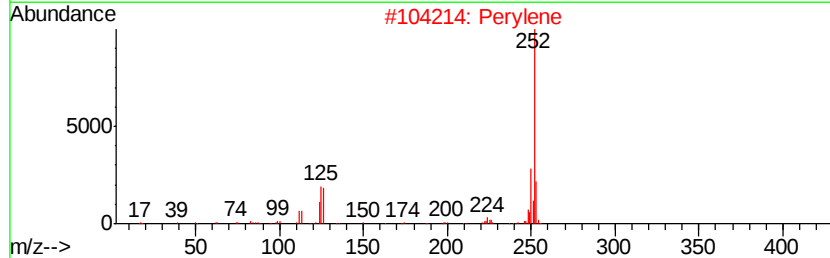
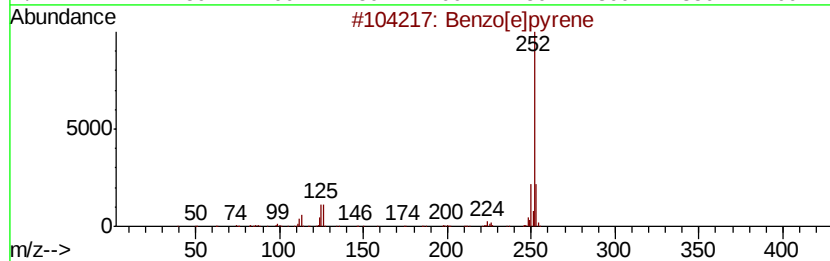
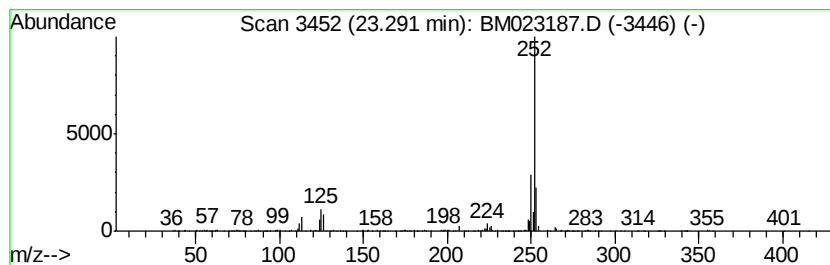
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Peak Number 3 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	2.13 ng/ul	735661	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Perylene	252	C20H12	000198-55-0	96
3		Benzo[il]fluoranthene	252	C20H12	000205-82-3	95
4		Benzo[a]pyrene	252	C20H12	000050-32-8	94
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023187.D
Acq On : 16 Oct 2019 10:46
Operator : JU
Sample : K5202-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA0

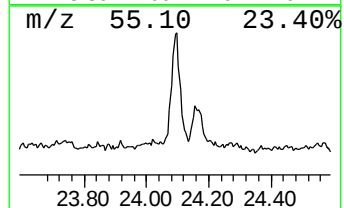
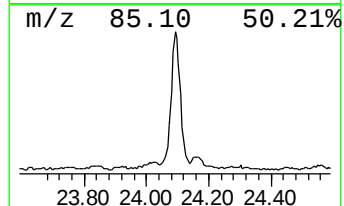
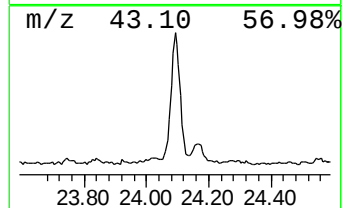
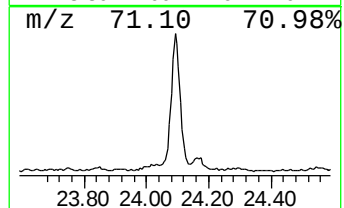
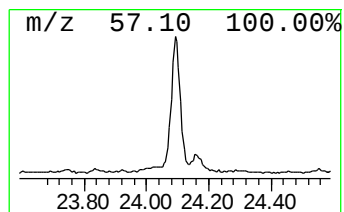
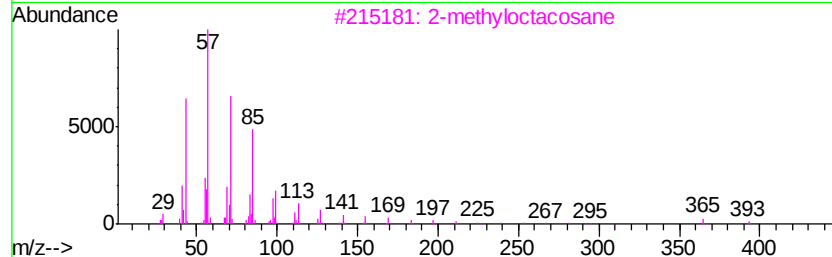
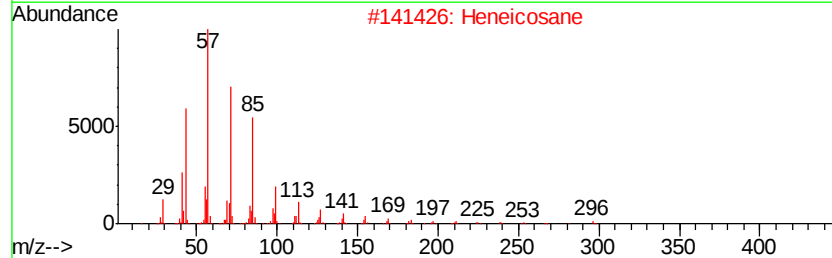
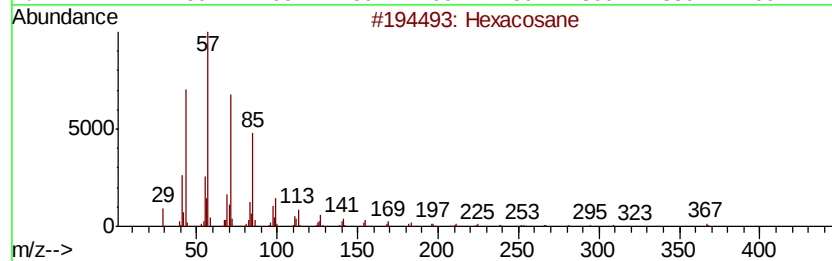
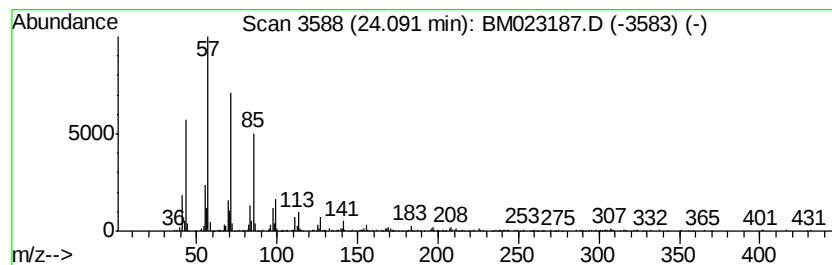
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	2.76 ng/ul	953830	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023187.D
Acq On : 16 Oct 2019 10:46
Operator : JU
Sample : K5202-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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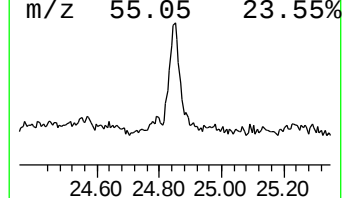
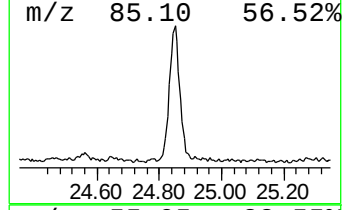
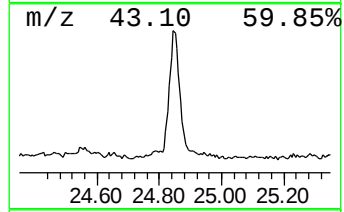
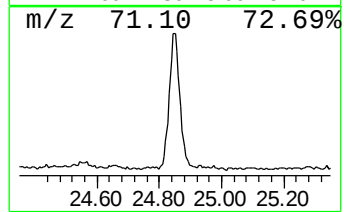
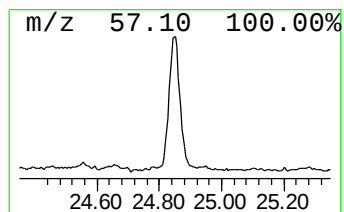
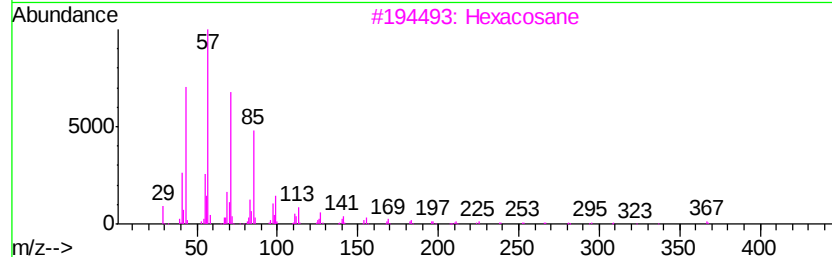
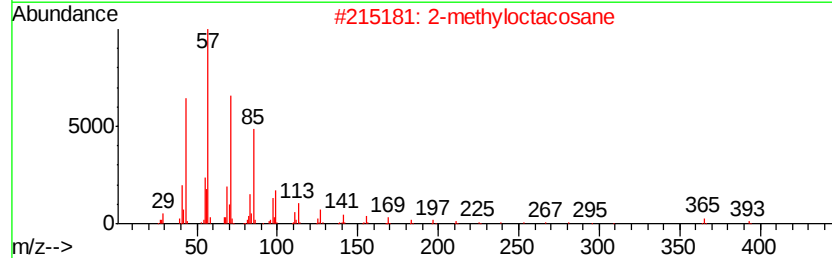
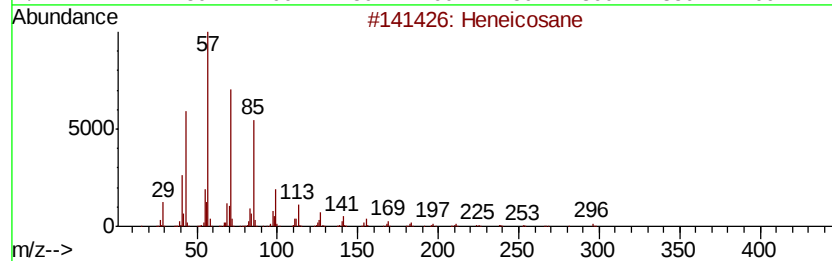
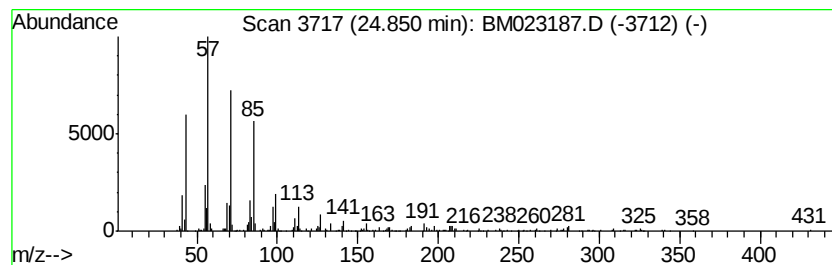
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.85	2.24 ng/ul	775089	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		Tetracosane	338	C24H50	000646-31-1	83
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101519\
Data File : BM023187.D
Acq On : 16 Oct 2019 10:46
Operator : JU
Sample : K5202-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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	17.99	2.8	ng/ul	832500	4	17.07	6043630	20.0
Behenic alcohol	21.00	3.1	ng/ul	1368910	5	21.26	8817140	20.0
Benzo[e]pyrene	23.29	2.1	ng/ul	735661	6	23.47	6915040	20.0
(DEL) Alkane: Str...	24.09	2.8	ng/ul	953830	6	23.47	6915040	20.0
(DEL) Alkane: Str...	24.85	2.2	ng/ul	775089	6	23.47	6915040	20.0