

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
 Data File : BM023961.D
 Acq On : 28 Nov 2019 20:13
 Operator : JU
 Sample : K5851-06
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA4

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	3.034	22	25	36	rVB	98314	142807	0.97%	0.070%
2	3.534	107	110	119	rVB	102604	148514	1.00%	0.073%
3	3.658	126	131	137	rVV	72667	131065	0.89%	0.064%
4	3.740	141	145	152	rVB	56658	78624	0.53%	0.038%
5	4.287	235	238	247	rVB	92023	132509	0.90%	0.065%
6	4.640	294	298	305	rBV	58690	99339	0.67%	0.049%
7	6.675	633	644	663	rBV	1775610	3358842	22.71%	1.641%
8	6.834	665	671	684	rBV	1420099	2258286	15.27%	1.103%
9	7.022	696	703	713	rBV	1964450	3082763	20.84%	1.506%
10	7.487	772	782	792	rBV	1850471	2993975	20.24%	1.463%
11	8.204	897	904	911	rBV	2241691	3667576	24.79%	1.792%
12	8.263	911	914	917	rVV	84723	135916	0.92%	0.066%
13	8.310	917	922	932	rVB	262714	460002	3.11%	0.225%
14	8.634	970	977	990	rVV	1639992	2766073	18.70%	1.351%
15	9.351	1092	1099	1117	rBV	1418413	2378200	16.08%	1.162%
16	9.545	1123	1132	1144	rBV2	47952	123273	0.83%	0.060%
17	9.892	1184	1191	1202	rBV	2303132	3903901	26.39%	1.907%
18	9.992	1202	1208	1218	rVB2	42228	110431	0.75%	0.054%
19	10.257	1245	1253	1260	rBV	2620874	4323043	29.22%	2.112%
20	10.410	1271	1279	1284	rBV	1199275	2245414	15.18%	1.097%
21	10.457	1284	1287	1306	rVB	394744	826208	5.59%	0.404%
22	11.786	1508	1513	1521	rBV5	33626	88208	0.60%	0.043%
23	13.569	1809	1816	1820	rVV	3850569	5340048	36.10%	2.609%
24	13.616	1820	1824	1834	rVV	1425259	2001379	13.53%	0.978%
25	13.833	1853	1861	1882	rBV2	4920043	8184003	55.33%	3.998%
26	14.145	1906	1914	1922	rBV	4121598	5854867	39.58%	2.860%
27	14.374	1946	1953	1967	rBV	1189577	2124976	14.37%	1.038%
28	14.545	1975	1982	1985	rBV9	40091	92132	0.62%	0.045%
29	14.592	1985	1990	1994	rVB3	151261	235417	1.59%	0.115%
30	14.974	2051	2055	2060	rVV	84812	119890	0.81%	0.059%
31	15.027	2060	2064	2070	rVB2	71937	108231	0.73%	0.053%
32	15.145	2078	2084	2091	rBV	6023024	8729572	59.01%	4.264%
33	15.286	2103	2108	2119	rBV	1109639	1547136	10.46%	0.756%
34	15.392	2120	2126	2131	rBV3	74421	149916	1.01%	0.073%

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35	15.874	2203	2208	2214	rBV4	65039	145912	0.99%	0.071%
36	16.121	2245	2250	2259	rBV2	388117	636536	4.30%	0.311%
37	16.480	2308	2311	2320	rVB2	67294	113942	0.77%	0.056%
38	16.568	2321	2326	2331	rVB6	45367	82243	0.56%	0.040%
39	16.639	2333	2338	2342	rBV	58889	97387	0.66%	0.048%
40	16.898	2376	2382	2387	rBV	4709637	6657788	45.01%	3.252%
41	16.939	2387	2389	2393	rVV	604220	706490	4.78%	0.345%
42	16.998	2393	2399	2404	rVV2	6555359	9369443	63.34%	4.577%
43	17.033	2404	2405	2411	rVV	577660	518277	3.50%	0.253%
44	17.098	2412	2416	2422	rVB3	113784	207775	1.40%	0.101%
45	17.310	2448	2452	2456	rBV2	71540	125595	0.85%	0.061%
46	17.345	2456	2458	2466	rVV2	65677	125032	0.85%	0.061%
47	17.421	2469	2471	2476	rVB	65693	78988	0.53%	0.039%
48	17.704	2514	2519	2523	rVV5	102912	173182	1.17%	0.085%
49	17.774	2526	2531	2535	rVV	253069	419382	2.84%	0.205%
50	17.827	2535	2540	2548	rVV	1358817	2034902	13.76%	0.994%
51	17.904	2549	2553	2557	rVV	256396	439681	2.97%	0.215%
52	17.968	2559	2564	2568	rVV2	401622	802819	5.43%	0.392%
53	18.004	2568	2570	2580	rVB	213730	335160	2.27%	0.164%
54	18.257	2610	2613	2614	rBV2	87279	85212	0.58%	0.042%
55	18.286	2614	2618	2622	rVB	253216	354408	2.40%	0.173%
56	18.533	2657	2660	2664	rVV2	163437	223857	1.51%	0.109%
57	18.586	2665	2669	2672	rVV	166119	246806	1.67%	0.121%
58	18.621	2672	2675	2679	rVB2	139861	196749	1.33%	0.096%
59	18.704	2685	2689	2694	rBV	391835	616199	4.17%	0.301%
60	18.768	2695	2700	2703	rVV2	234410	424313	2.87%	0.207%
61	18.798	2703	2705	2708	rVB	154265	152805	1.03%	0.075%
62	18.845	2709	2713	2721	rBV3	277986	605345	4.09%	0.296%
63	18.968	2729	2734	2742	rVB	4055799	5308840	35.89%	2.593%
64	19.039	2743	2746	2749	rVB2	163323	190434	1.29%	0.093%
65	19.121	2756	2760	2765	rBV	804133	1088632	7.36%	0.532%
66	19.304	2786	2791	2794	rBV	8168446	11460343	77.47%	5.598%
67	19.333	2794	2796	2806	rVV	3925044	4789476	32.38%	2.340%
68	19.415	2806	2810	2816	rVB3	274820	495456	3.35%	0.242%
69	19.515	2824	2827	2834	rVB	295142	421549	2.85%	0.206%
70	19.668	2847	2853	2864	rBV5	568161	1448395	9.79%	0.708%
71	19.756	2865	2868	2871	rVV2	245551	329421	2.23%	0.161%

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72	19.804	2871	2876	2878	rVV2	487253	821644	5.55%	0.401%
73	19.839	2878	2882	2887	rVB	1091957	1524143	10.30%	0.745%
74	19.886	2888	2890	2895	rBV4	129281	188664	1.28%	0.092%
75	19.939	2895	2899	2902	rVV	573686	693904	4.69%	0.339%
76	19.992	2903	2908	2914	rVB2	850101	1382558	9.35%	0.675%
77	20.080	2920	2923	2927	rBV3	158059	294451	1.99%	0.144%
78	20.133	2929	2932	2936	rVV	522918	623024	4.21%	0.304%
79	20.180	2936	2940	2945	rVV3	421703	651471	4.40%	0.318%
80	20.392	2973	2976	2979	rBV3	252810	353760	2.39%	0.173%
81	20.592	3006	3010	3016	rVB	834527	1151534	7.78%	0.563%
82	20.750	3033	3037	3041	rBV3	665015	936631	6.33%	0.458%
83	20.792	3041	3044	3047	rVV	594144	682293	4.61%	0.333%
84	20.851	3047	3054	3057	rVV2	1181559	2163580	14.63%	1.057%
85	20.886	3058	3060	3067	rVB	673293	847131	5.73%	0.414%
86	21.103	3091	3097	3101	rBV2	7603164	14792455	100.00%	7.226%
87	21.145	3101	3104	3114	rVB	3770429	4985429	33.70%	2.435%
88	21.286	3126	3128	3130	rBV2	400299	353409	2.39%	0.173%
89	21.415	3147	3150	3156	rBV2	377663	643104	4.35%	0.314%
90	21.650	3187	3190	3194	rVB	1101058	1291383	8.73%	0.631%
91	21.703	3195	3199	3204	rVB2	789449	1224325	8.28%	0.598%
92	22.150	3272	3275	3283	rVB3	939109	1431618	9.68%	0.699%
93	22.268	3293	3295	3300	rVB	667097	810732	5.48%	0.396%
94	22.621	3349	3355	3366	rBV	4537897	12927128	87.39%	6.315%
95	22.780	3379	3382	3388	rVB	1036332	1547470	10.46%	0.756%
96	23.068	3427	3431	3435	rBV	1992457	3423569	23.14%	1.672%
97	23.121	3435	3440	3444	rVV	6012938	10477740	70.83%	5.118%
98	23.162	3444	3447	3455	rVB	4235687	6949718	46.98%	3.395%
99	23.250	3457	3462	3467	rBV	4280666	7430516	50.23%	3.630%
100	25.374	3818	3823	3833	rVB	1831181	4654045	31.46%	2.273%

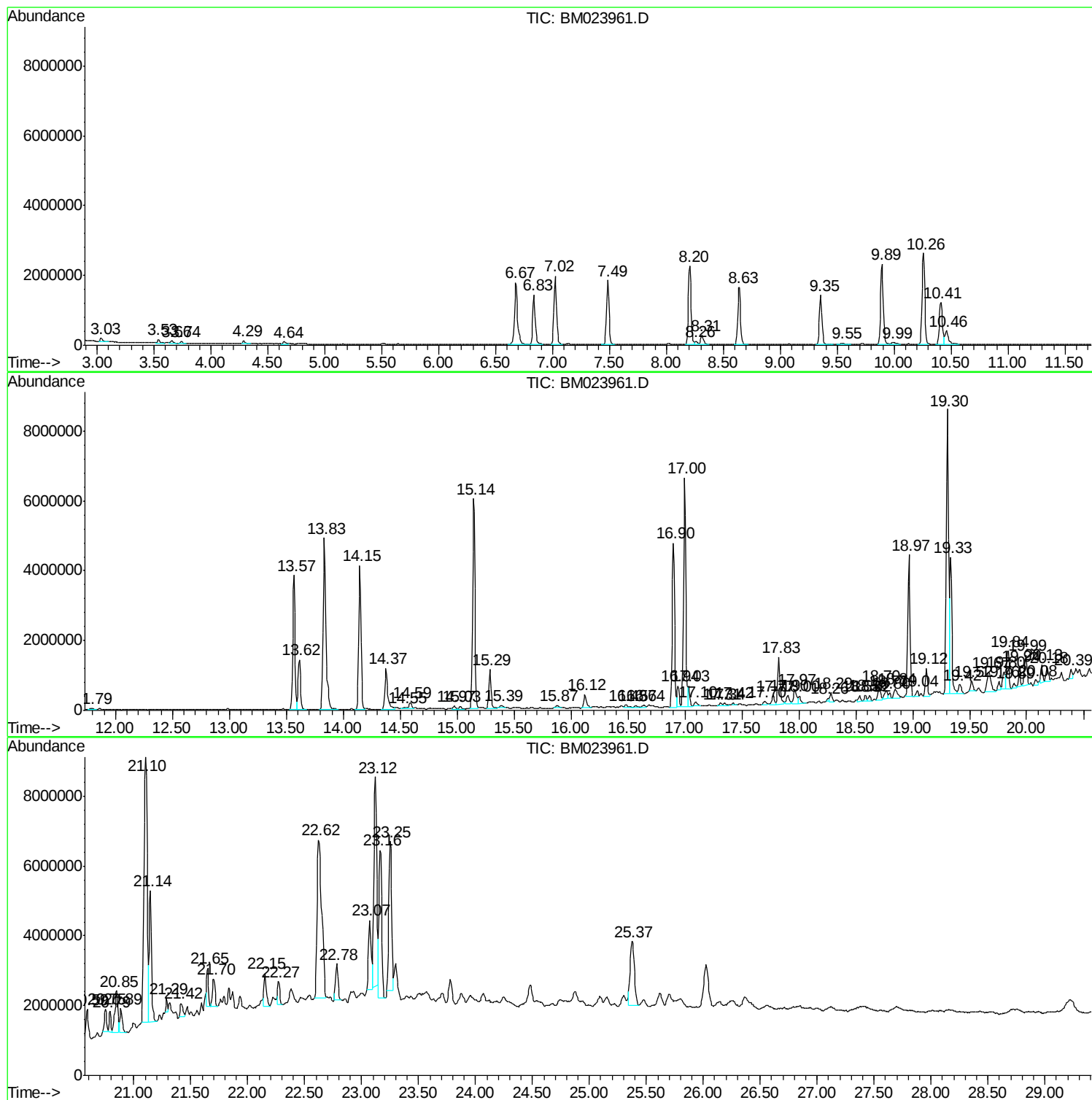
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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



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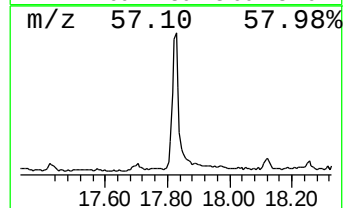
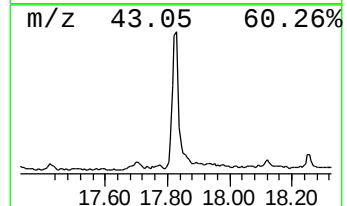
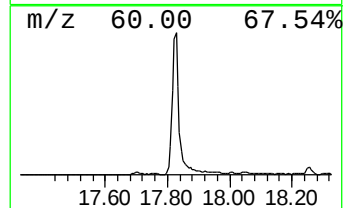
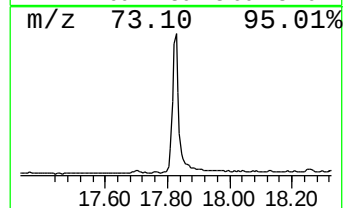
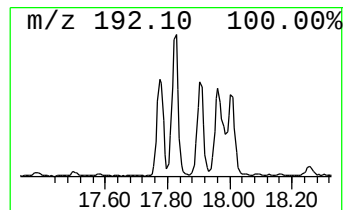
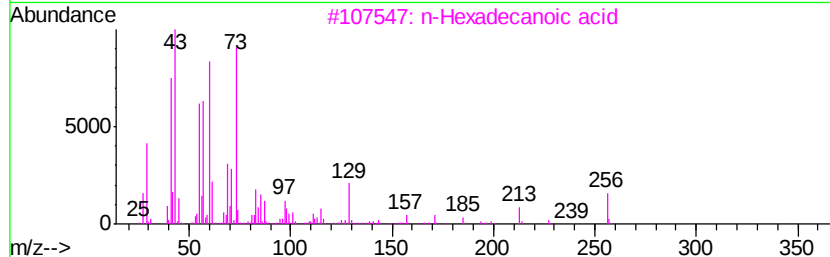
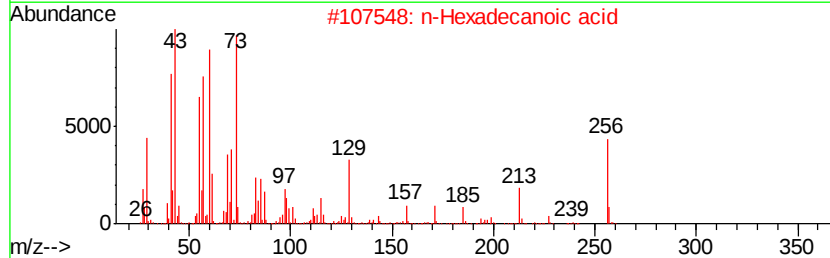
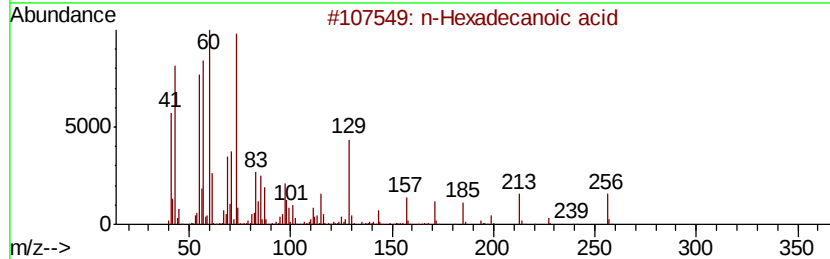
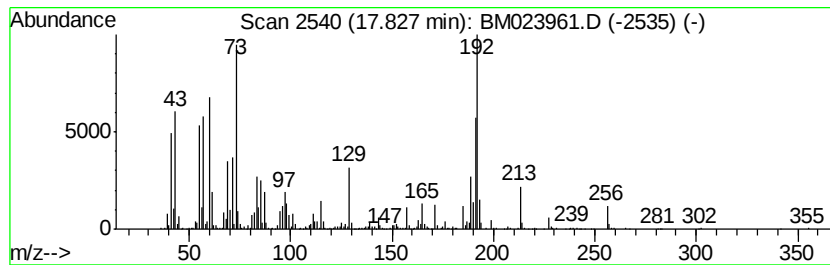
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.83	6.11 ng/ul	2034900	Phenanthrene-d10		16.90	
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	95
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
4	Anthracene, 2-methyl-		192	C15H12	000613-12-7	94
5	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	93



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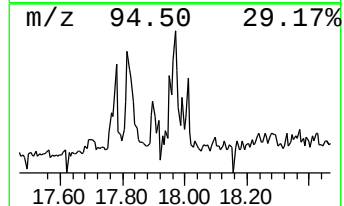
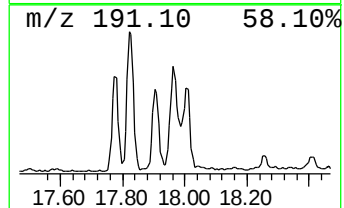
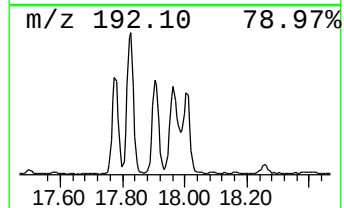
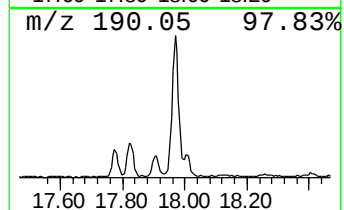
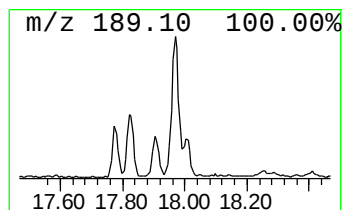
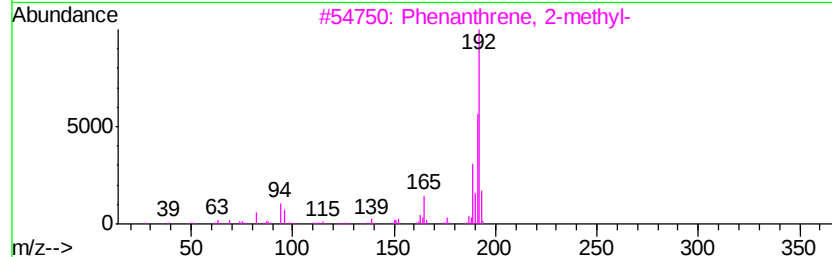
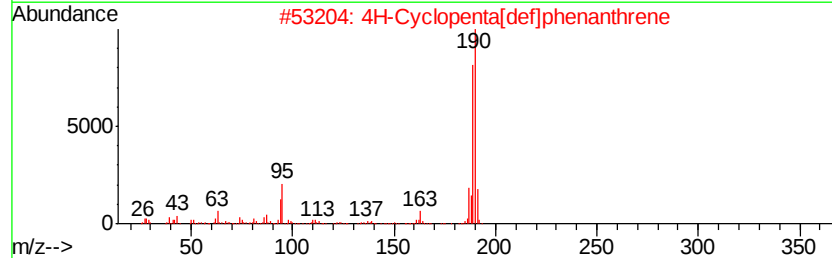
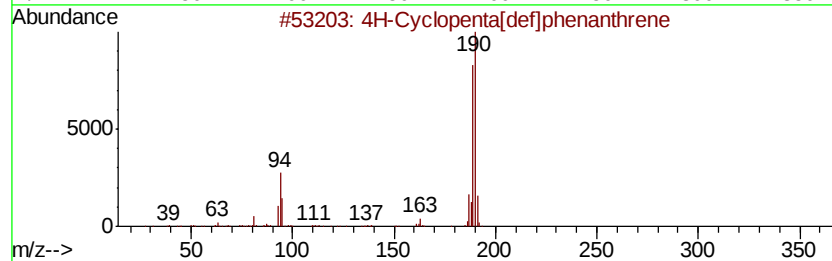
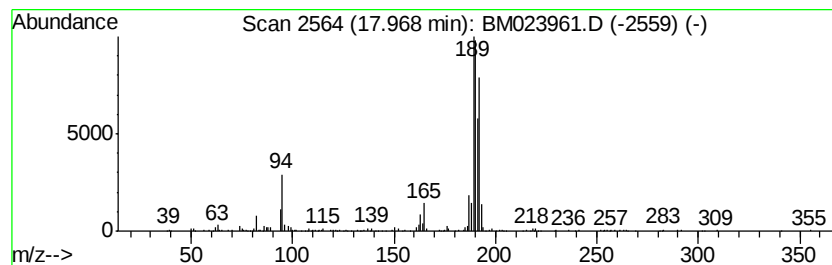
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.41 ng/ul	802819	Phenanthrene-d10	16.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
4		3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	35
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30



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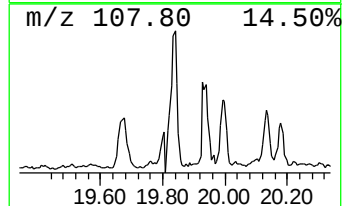
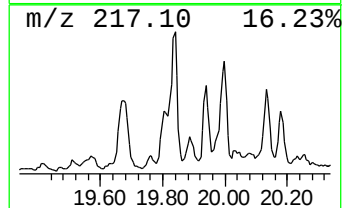
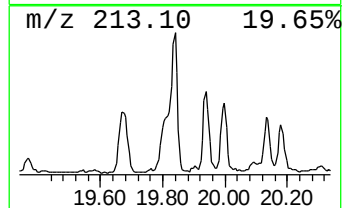
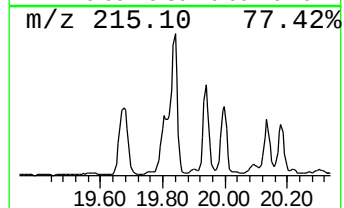
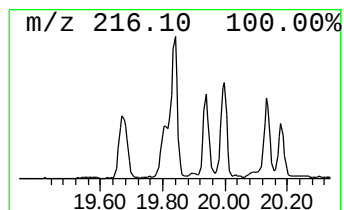
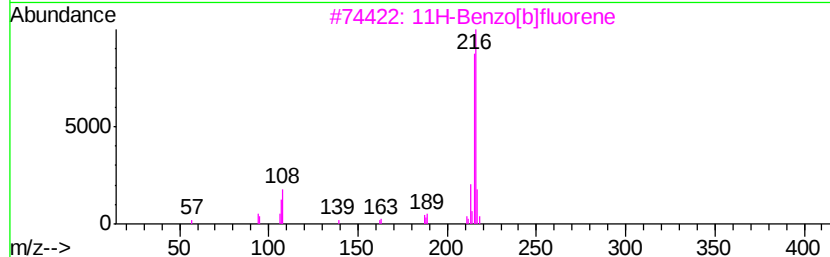
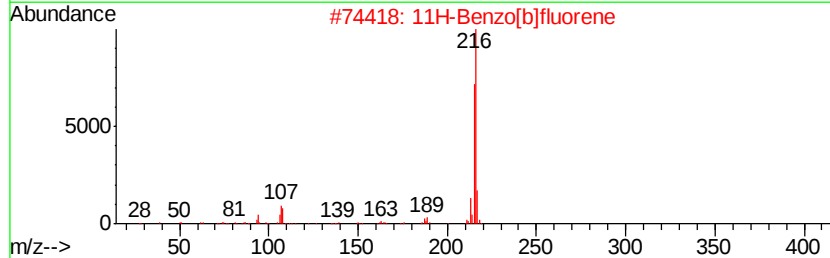
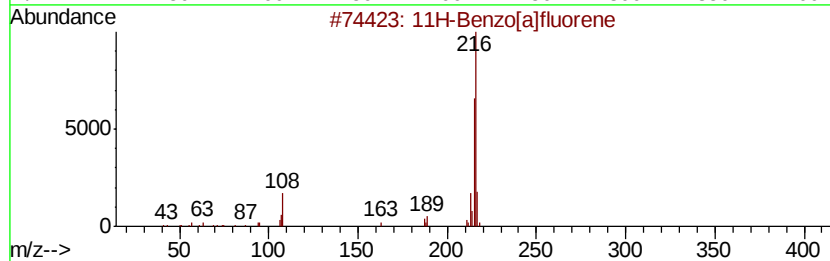
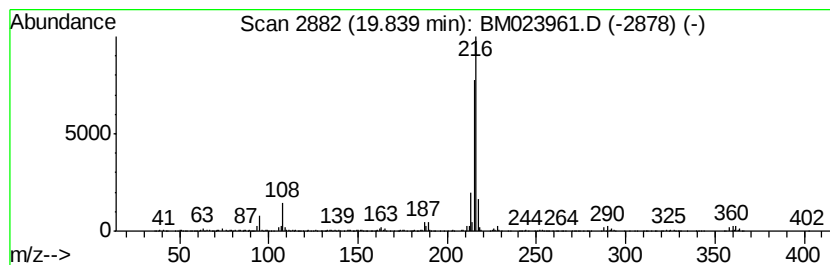
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	2.06 ng/ul	1524140	Chrysene-d12	21.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023961.D
Acq On : 28 Nov 2019 20:13
Operator : JU
Sample : K5851-06
Misc :
ALS Vial : 45 Sample Multiplier: 1

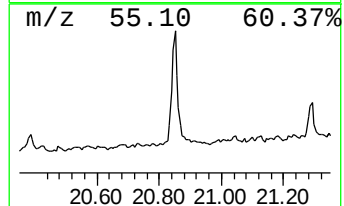
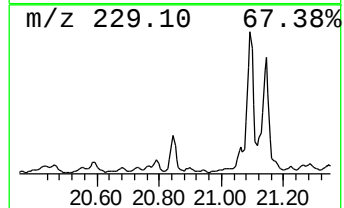
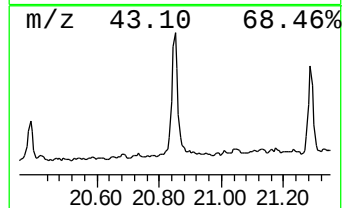
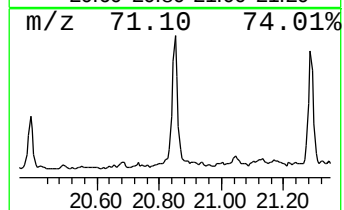
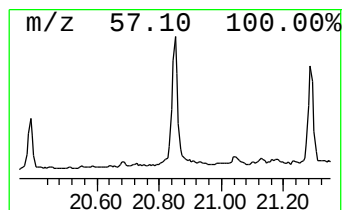
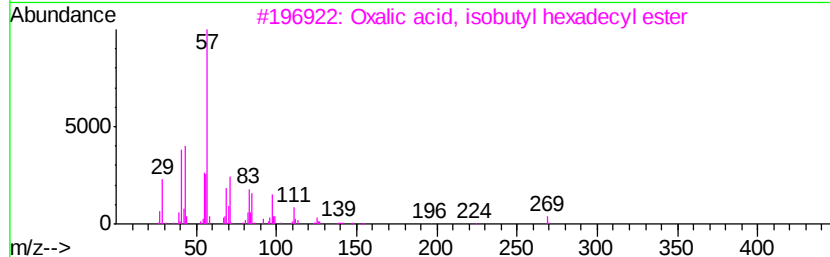
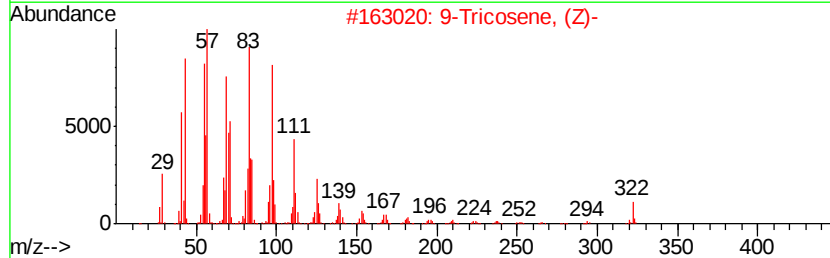
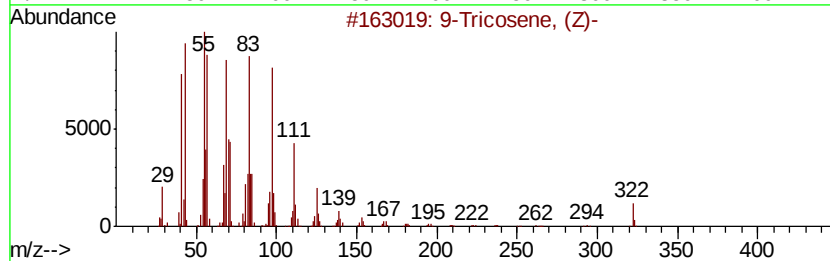
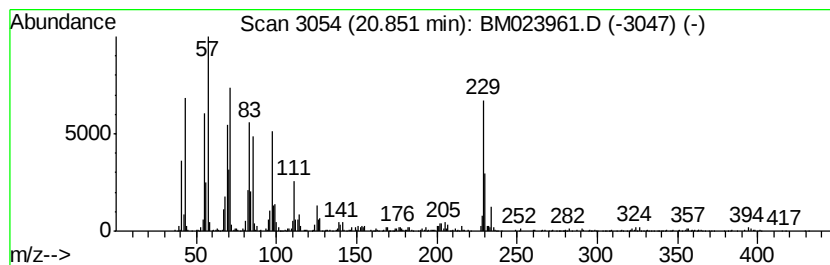
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic20.85 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	2.93 ng/ul	2163580	Chrysene-d12	21.11
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Tricosene, (Z)-	322 C23H46	027519-02-4	87
2	9-Tricosene, (Z)-	322 C23H46	027519-02-4	81
3	Oxalic acid, isobutyl hexadecyl ...	370 C22H42O4	1000309-38-1	76
4	Oxalic acid, isobutyl octadecyl ...	398 C24H46O4	1000309-38-3	68
5	Oxalic acid, isobutyl pentadecyl...	356 C21H40O4	1000309-38-0	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023961.D
Acq On : 28 Nov 2019 20:13
Operator : JU
Sample : K5851-06
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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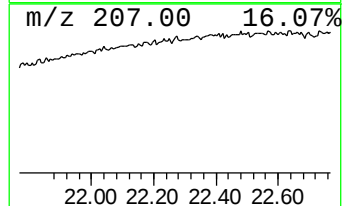
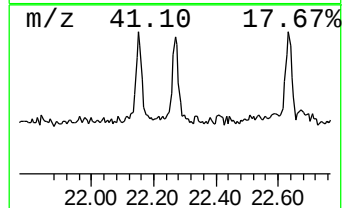
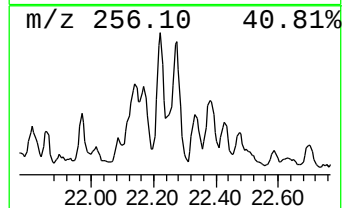
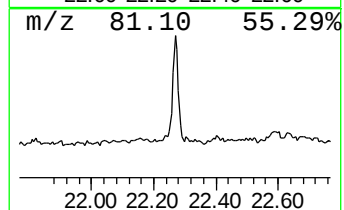
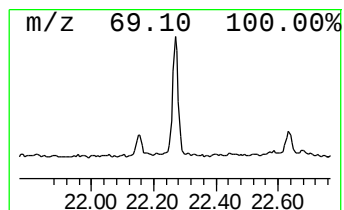
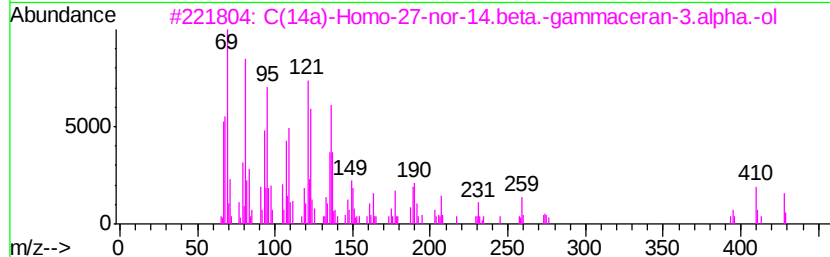
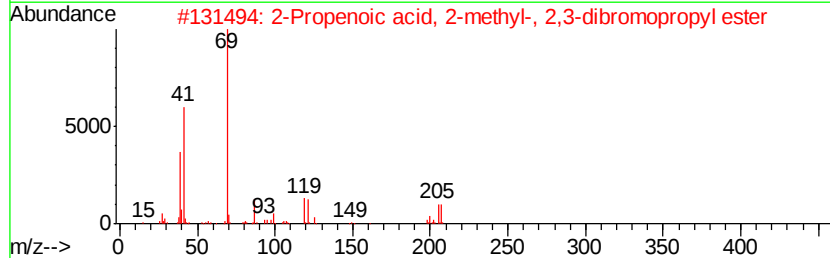
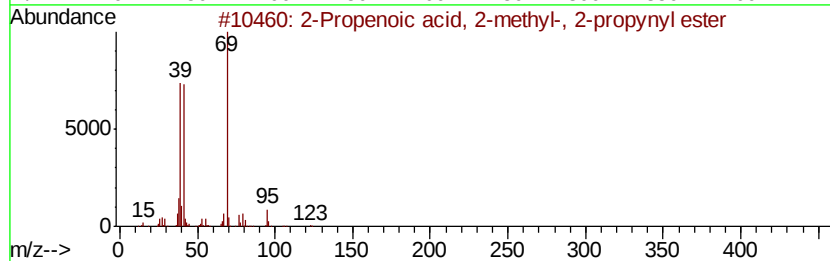
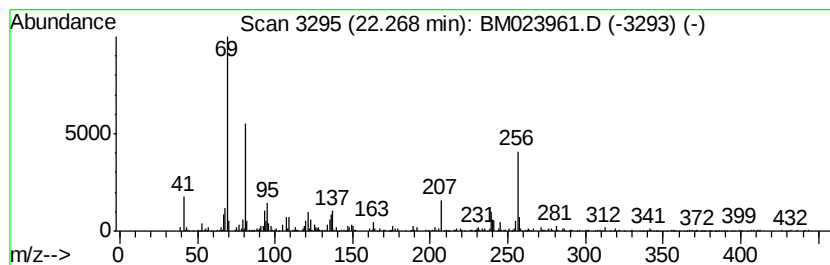
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	2.18 ng/ul	810732	Perylene-d12	23.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 2-methyl-, 2-p...	124	C7H8O2		013861-22-8	32
2	2-Propenoic acid, 2-methyl-, 2,3...	284	C7H10Br2O2		003066-70-4	25
3	C(14a)-Homo-27-nor-14.beta.-damm...	428	C30H52O		024739-08-0	10
4	Crotonoyl bromide	148	C4H5BrO		055600-70-9	9
5	Supraene	410	C30H50		007683-64-9	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
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Acq On : 28 Nov 2019 20:13
Operator : JU
Sample : K5851-06
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA4

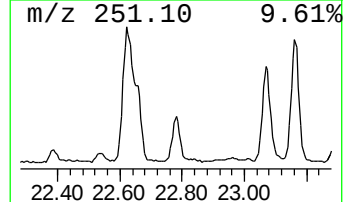
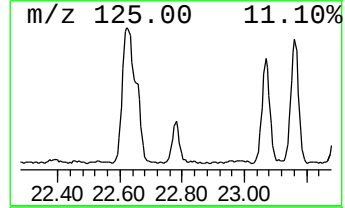
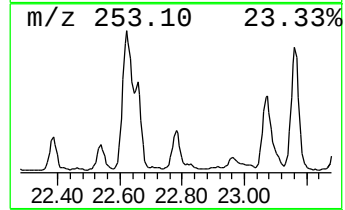
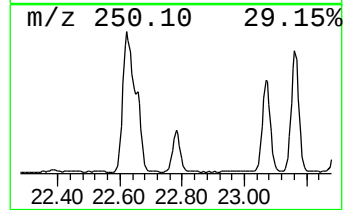
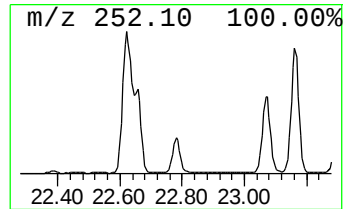
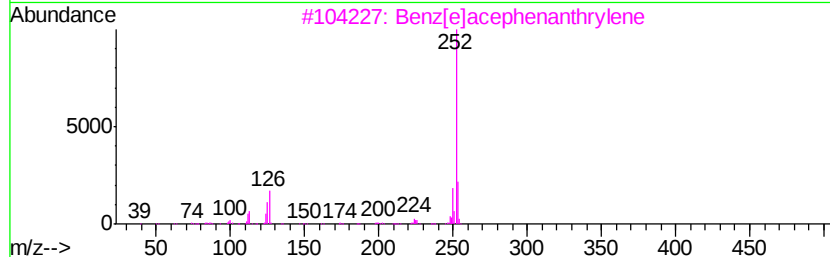
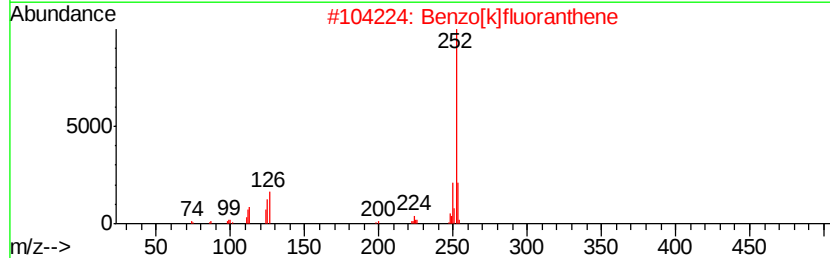
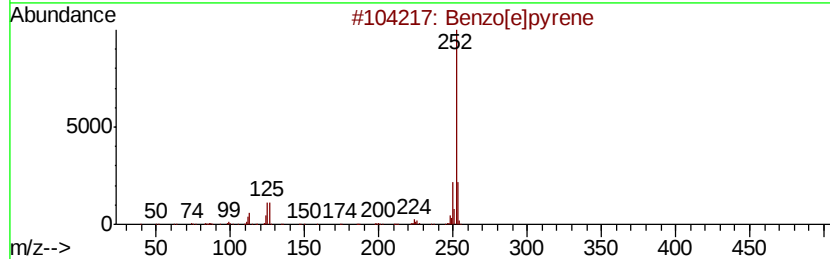
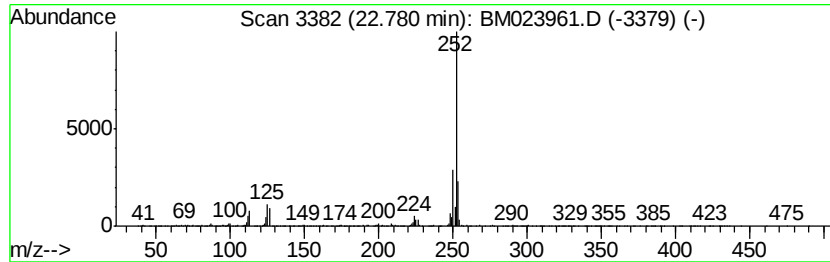
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.78	4.17 ng/ul	1547470	Perylene-d12	23.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4			Perylene	252	C20H12	000198-55-0	94
5			Perylene	252	C20H12	000198-55-0	93



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Data File : BM023961.D
Acq On : 28 Nov 2019 20:13
Operator : JU
Sample : K5851-06
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA4

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	17.83	6.1	ng/ul	2034900	4	16.90	6657790	20.0
4H-Cyclopenta[def...	17.97	2.4	ng/ul	802819	4	16.90	6657790	20.0
11H-Benzo[a]fluorene	19.84	2.1	ng/ul	1524140	5	21.11	14792500	20.0
(DEL) Alkane: Cyc...	20.85	2.9	ng/ul	2163580	5	21.11	14792500	20.0
unknown-01	22.27	2.2	ng/ul	810732	6	23.25	7430520	20.0
Benzo[e]pyrene	22.78	4.2	ng/ul	1547470	6	23.25	7430520	20.0