

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
 Data File : BM024844.D
 Acq On : 11 Feb 2020 21:04
 Operator : CG/JU
 Sample : L1405-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6P6

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-BM020620MA.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	3.016	18	22	28	rVB	55080	72133	0.97%	0.067%
2	3.710	136	140	144	rVB	42084	52038	0.70%	0.048%
3	3.928	173	177	184	rVB	55236	73078	0.98%	0.067%
4	4.322	240	244	251	rVB	34476	50364	0.68%	0.046%
5	4.587	285	289	299	rVB	53224	82054	1.10%	0.076%
6	6.598	623	631	646	rVB	836911	1298407	17.45%	1.198%
7	6.751	651	657	666	rBV	708304	1052468	14.15%	0.971%
8	6.940	682	689	697	rBV	972198	1479898	19.89%	1.365%
9	7.398	759	767	777	rBV	1167998	1770285	23.79%	1.633%
10	8.116	882	889	900	rBV	961520	1537088	20.66%	1.418%
11	8.540	954	961	976	rBV	829615	1348569	18.13%	1.244%
12	8.728	988	993	1001	rBV3	33047	59541	0.80%	0.055%
13	9.034	1040	1045	1049	rBV2	34298	50417	0.68%	0.047%
14	9.251	1076	1082	1093	rBV	716040	1183865	15.91%	1.092%
15	9.792	1166	1174	1187	rBV	1141133	1920557	25.81%	1.772%
16	10.157	1229	1236	1242	rBV	1492991	2484484	33.39%	2.292%
17	10.204	1242	1244	1250	rVB	42592	56251	0.76%	0.052%
18	10.298	1253	1260	1274	rBV	1013783	1765802	23.73%	1.629%
19	12.057	1552	1559	1566	rBV	30297	50607	0.68%	0.047%
20	13.369	1775	1782	1788	rBV3	35293	57193	0.77%	0.053%
21	13.474	1795	1800	1806	rVV	2098874	2988365	40.16%	2.757%
22	13.522	1806	1808	1814	rVV	93854	122677	1.65%	0.113%
23	13.739	1838	1845	1856	rBV	2519679	3712157	49.89%	3.425%
24	14.051	1892	1898	1905	rVV2	2405294	3543546	47.63%	3.269%
25	14.116	1905	1909	1913	rVB	125186	162256	2.18%	0.150%
26	14.274	1930	1936	1949	rBV	693073	1178011	15.83%	1.087%
27	14.457	1963	1967	1973	rVV2	77996	118829	1.60%	0.110%
28	15.057	2062	2069	2075	rVV	3361292	4573682	61.47%	4.220%
29	15.110	2075	2078	2084	rVB	153630	207662	2.79%	0.192%
30	15.186	2084	2091	2098	rBV	856019	1248247	16.78%	1.152%
31	15.416	2126	2130	2134	rVV	51858	72997	0.98%	0.067%
32	15.557	2150	2154	2164	rBV2	41682	79359	1.07%	0.073%
33	16.121	2240	2250	2255	rBV4	35196	77789	1.05%	0.072%
34	16.374	2282	2293	2300	rVV6	73259	206694	2.78%	0.191%

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35	16.463	2304	2308	2317	rVV2	66062	140700	1.89%	0.130%
36	16.557	2318	2324	2329	rVV5	47176	109353	1.47%	0.101%
37	16.627	2329	2336	2341	rVV	107984	182484	2.45%	0.168%
38	16.810	2360	2367	2370	rBV	3010094	4202374	56.48%	3.877%
39	16.851	2370	2374	2378	rVV	1878985	2527365	33.97%	2.332%
40	16.904	2378	2383	2388	rVV2	3454692	4998203	67.18%	4.611%
41	16.939	2388	2389	2396	rVV	390979	360881	4.85%	0.333%
42	17.215	2432	2436	2442	rVV	98835	175901	2.36%	0.162%
43	17.392	2463	2466	2472	rVB3	45337	59170	0.80%	0.055%
44	17.686	2511	2516	2520	rBV	258939	371766	5.00%	0.343%
45	17.733	2520	2524	2533	rVB	368759	518619	6.97%	0.478%
46	17.815	2533	2538	2542	rBV	107992	147031	1.98%	0.136%
47	17.874	2542	2548	2552	rBV2	372032	605004	8.13%	0.558%
48	17.915	2552	2555	2564	rVB	193858	263712	3.54%	0.243%
49	18.051	2573	2578	2581	rBV4	33469	54536	0.73%	0.050%
50	18.192	2597	2602	2606	rBV	237711	332480	4.47%	0.307%
51	18.445	2641	2645	2650	rVV2	71248	118504	1.59%	0.109%
52	18.498	2650	2654	2657	rBV	62254	70485	0.95%	0.065%
53	18.533	2657	2660	2665	rVB	63484	84393	1.13%	0.078%
54	18.621	2670	2675	2679	rBV	176650	278134	3.74%	0.257%
55	18.680	2679	2685	2688	rBV2	84128	174706	2.35%	0.161%
56	18.756	2694	2698	2706	rBV4	121891	229640	3.09%	0.212%
57	18.874	2710	2718	2724	rVV	2888874	3948833	53.07%	3.643%
58	18.956	2728	2732	2735	rBV	50192	72883	0.98%	0.067%
59	19.121	2757	2760	2766	rVB2	80297	121061	1.63%	0.112%
60	19.215	2770	2776	2779	rVV	4987752	7440294	100.00%	6.865%
61	19.239	2779	2780	2785	rVV	2551667	2481241	33.35%	2.289%
62	19.280	2785	2787	2790	rVV4	80509	88362	1.19%	0.082%
63	19.321	2790	2794	2802	rVB2	137157	257456	3.46%	0.238%
64	19.427	2808	2812	2820	rBV	159251	225756	3.03%	0.208%
65	19.580	2832	2838	2850	rVB4	187727	459735	6.18%	0.424%
66	19.668	2850	2853	2856	rBV5	39761	63063	0.85%	0.058%
67	19.709	2856	2860	2862	rBV3	161263	212849	2.86%	0.196%
68	19.751	2863	2867	2871	rVB	320985	460975	6.20%	0.425%
69	19.821	2876	2879	2881	rBV2	76219	89126	1.20%	0.082%
70	19.851	2881	2884	2888	rVB	185091	224240	3.01%	0.207%
71	19.903	2888	2893	2898	rBV2	309510	494498	6.65%	0.456%

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72	19.951	2898	2901	2904	rVB3	69931	85452	1.15%	0.079%
73	19.992	2905	2908	2912	rBV3	62658	72071	0.97%	0.066%
74	20.045	2913	2917	2921	rVB	164338	206144	2.77%	0.190%
75	20.092	2921	2925	2930	rBV2	174117	264404	3.55%	0.244%
76	20.321	2961	2964	2967	rBV3	123963	148558	2.00%	0.137%
77	20.498	2991	2994	3002	rVB	201354	285960	3.84%	0.264%
78	20.662	3017	3022	3026	rBV3	207103	348082	4.68%	0.321%
79	20.703	3026	3029	3032	rVV	237438	267802	3.60%	0.247%
80	20.739	3032	3035	3037	rVV	172412	200825	2.70%	0.185%
81	20.774	3037	3041	3053	rVB3	761646	1354052	18.20%	1.249%
82	21.015	3076	3082	3086	rBV2	4311904	6927862	93.11%	6.392%
83	21.056	3086	3089	3097	rVB	1362359	1746708	23.48%	1.612%
84	21.227	3114	3118	3123	rBV	372016	448864	6.03%	0.414%
85	21.556	3172	3174	3178	rVB	296182	313011	4.21%	0.289%
86	21.645	3185	3189	3196	rBV3	781068	1069704	14.38%	0.987%
87	22.080	3259	3263	3268	rVB	716630	848496	11.40%	0.783%
88	22.286	3295	3298	3307	rVB	473711	617170	8.29%	0.569%
89	22.509	3330	3336	3339	rBV	1250942	2459997	33.06%	2.270%
90	22.550	3339	3343	3346	rVV2	1507406	2413244	32.43%	2.226%
91	22.586	3346	3349	3358	rVB2	988731	1439208	19.34%	1.328%
92	22.944	3405	3410	3413	rBV	691245	1129040	15.17%	1.042%
93	22.991	3413	3418	3422	rVV	3474434	5804365	78.01%	5.355%
94	23.027	3422	3424	3429	rVV	848857	1186099	15.94%	1.094%
95	23.080	3429	3433	3435	rVV	651211	934977	12.57%	0.863%
96	23.121	3435	3440	3446	rVB	2843032	4436655	59.63%	4.093%
97	23.668	3528	3533	3540	rVB	1114412	1910722	25.68%	1.763%
98	23.739	3541	3545	3550	rVB2	374076	619483	8.33%	0.572%
99	24.350	3646	3649	3656	rVB	512919	905925	12.18%	0.836%
100	25.156	3779	3786	3798	rVB3	842146	2559848	34.41%	2.362%

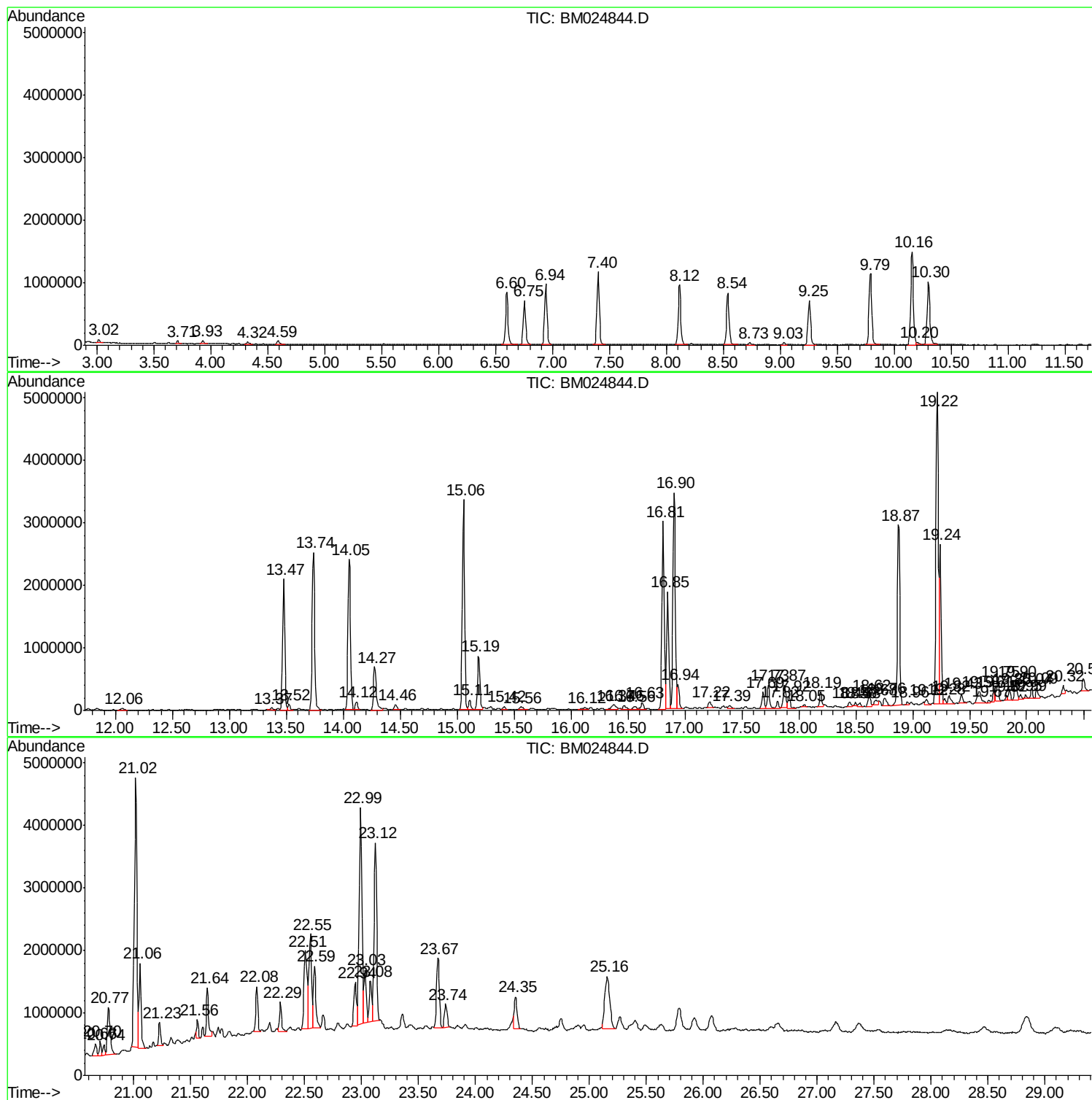
Sum of corrected areas: 108387911

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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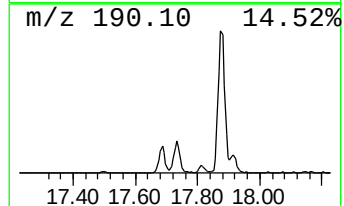
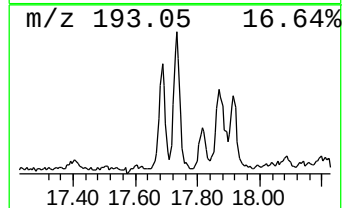
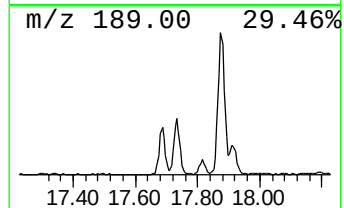
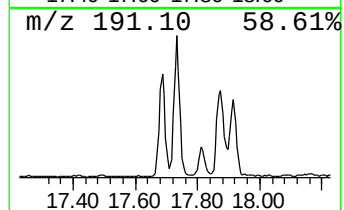
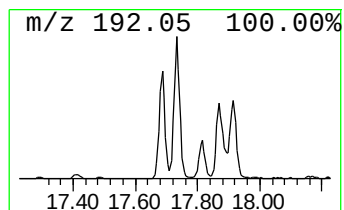
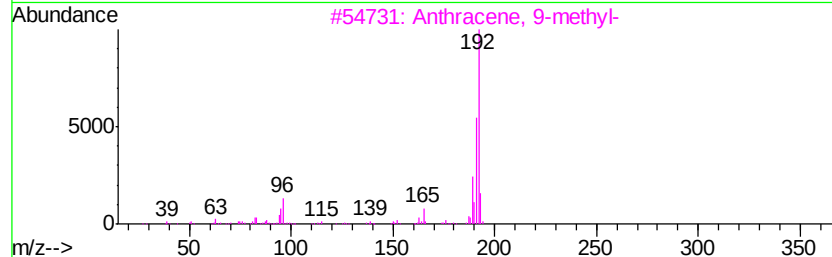
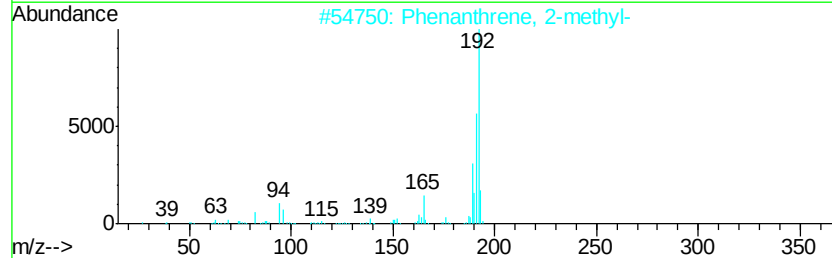
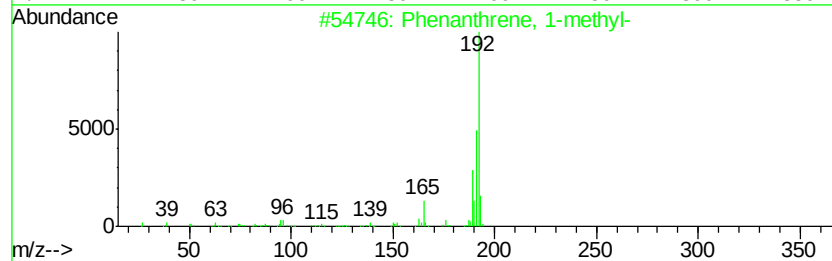
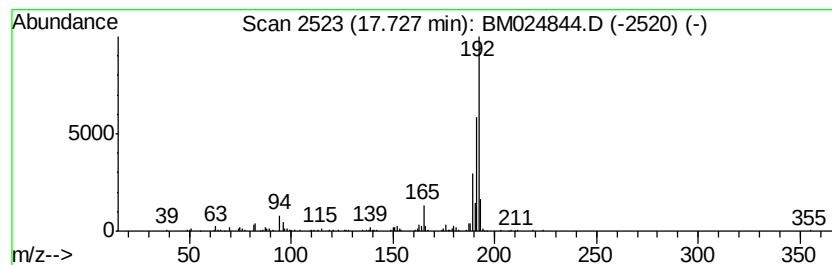
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	2.47 ng/ul	518619	Phenanthrene-d10	16.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97	
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96	
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95	
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95	
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95	



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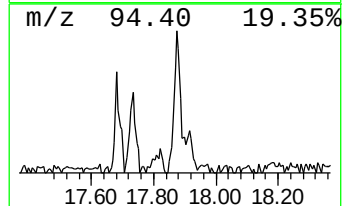
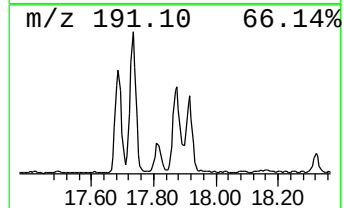
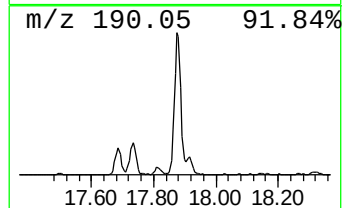
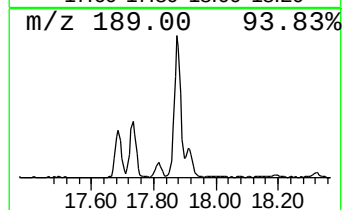
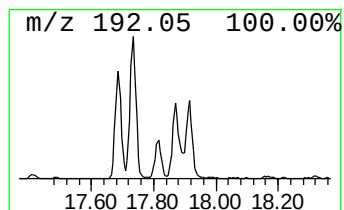
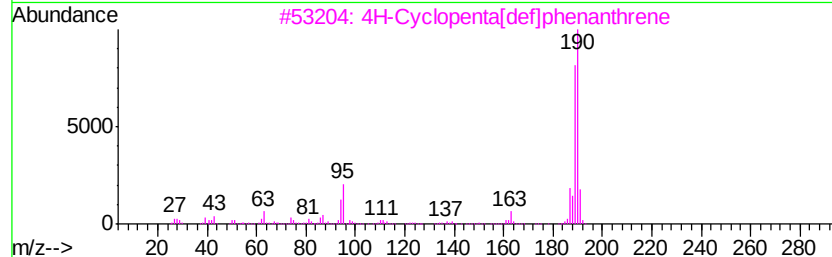
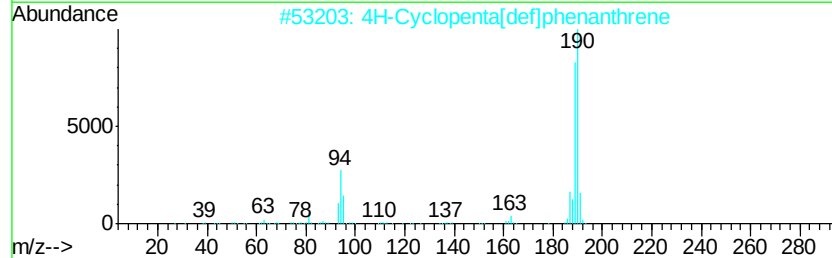
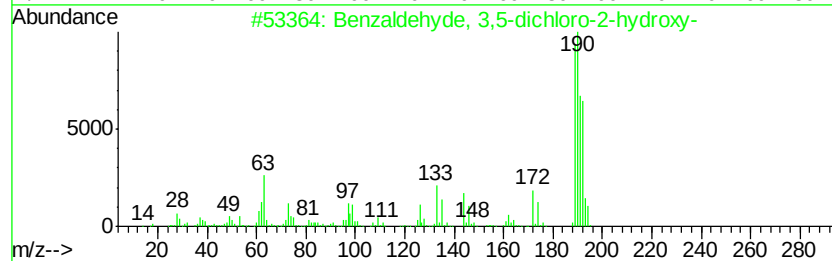
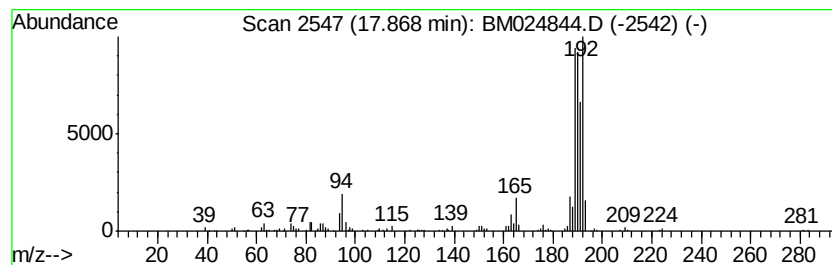
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.88 ng/ul	605004	Phenanthrene-d10	16.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5		8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	38



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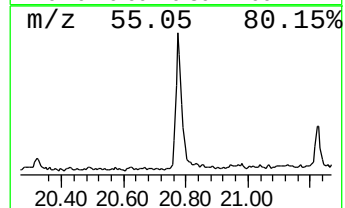
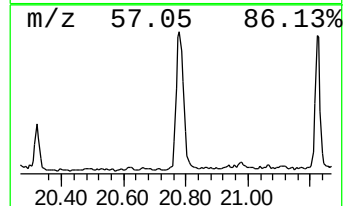
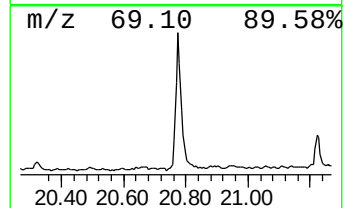
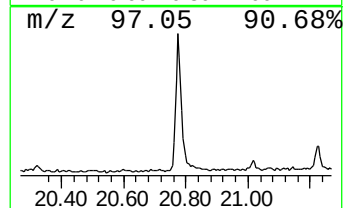
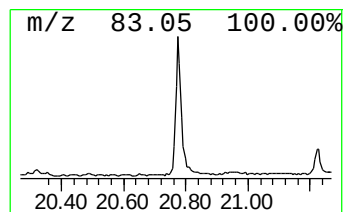
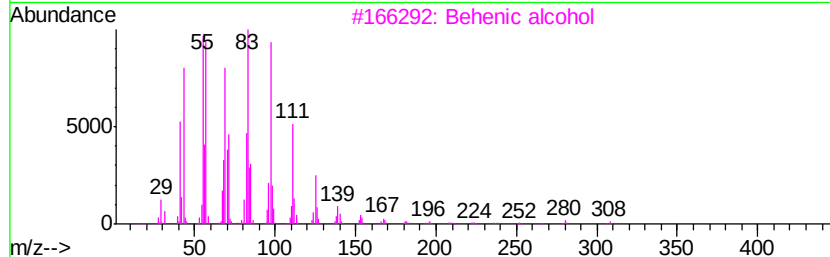
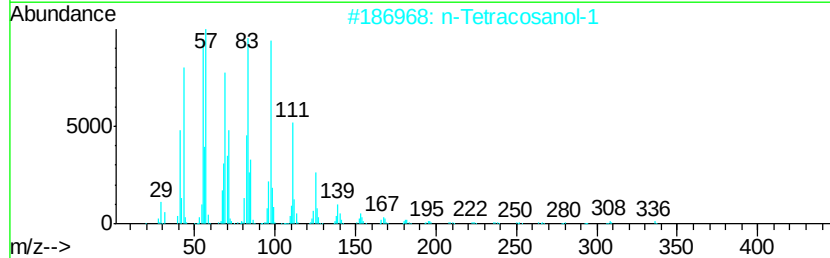
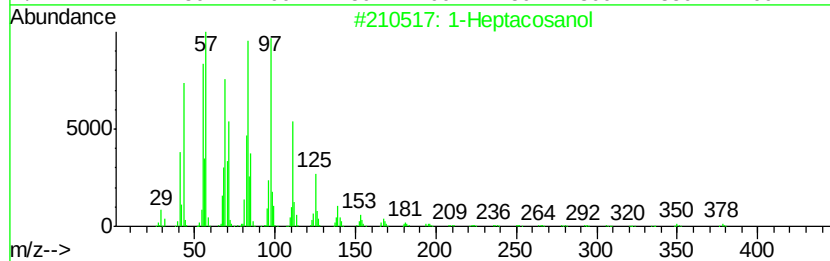
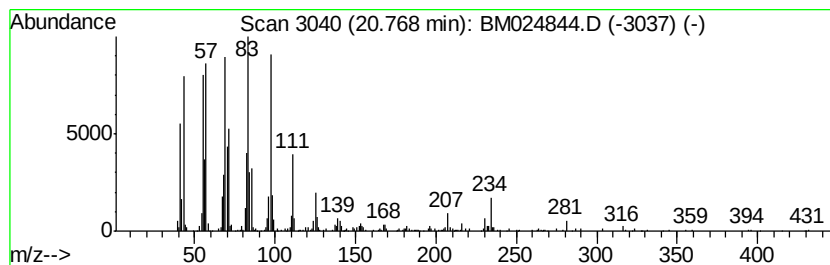
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Peak Number 3 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	3.91 ng/ul	1354050	Chrysene-d12	21.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol		396	C27H56O	002004-39-9	95
2	n-Tetracosanol-1		354	C24H50O	000506-51-4	95
3	Behenic alcohol		326	C22H46O	000661-19-8	95
4	1-Heneicosanol		312	C21H44O	015594-90-8	94
5	1-Heneicosyl formate		340	C22H44O2	077899-03-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024844.D
Acq On : 11 Feb 2020 21:04
Operator : CG/JU
Sample : L1405-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

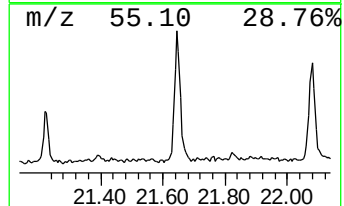
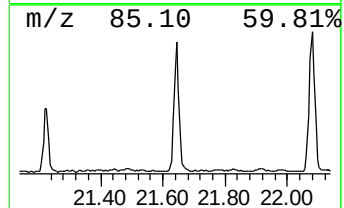
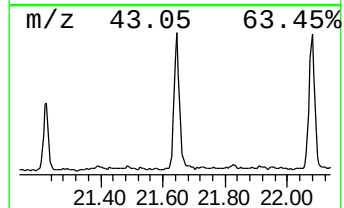
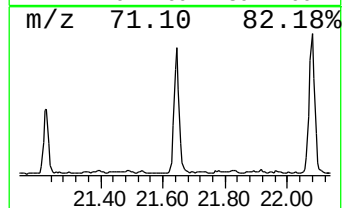
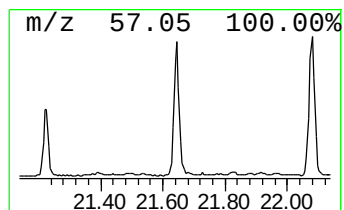
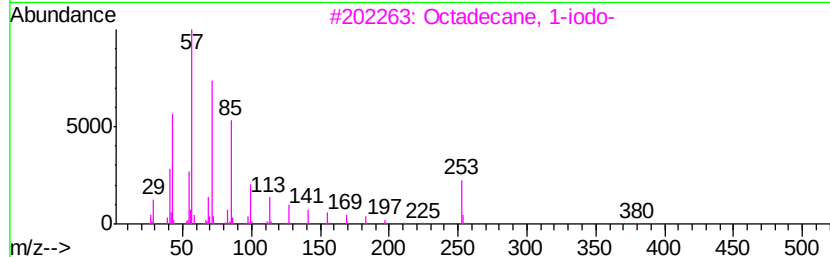
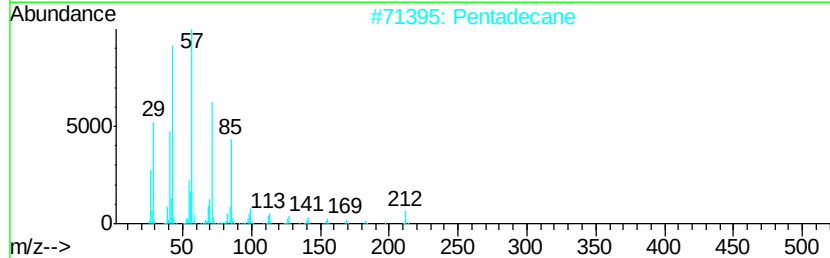
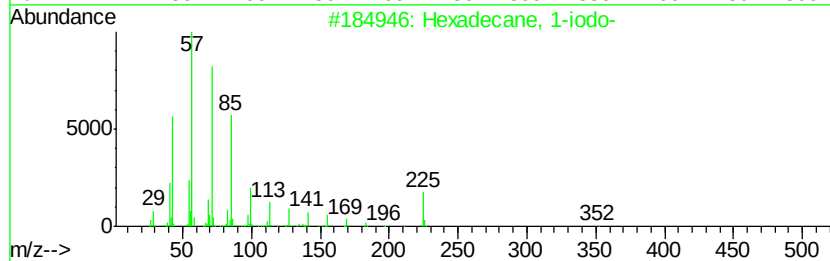
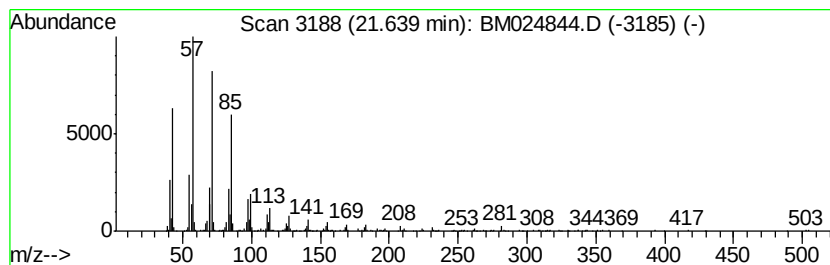
Instrument :
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ClientSampleId :
CB6P6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Hexadecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.64	3.09 ng/ul	1069700	Chrysene-d12	21.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
2	Pentadecane	212	C15H32	000629-62-9	93
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	93
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024844.D
Acq On : 11 Feb 2020 21:04
Operator : CG/JU
Sample : L1405-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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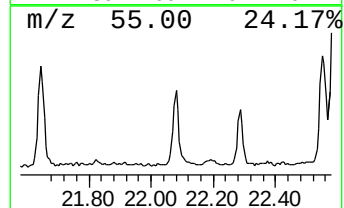
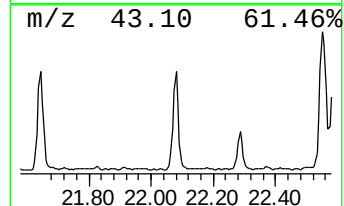
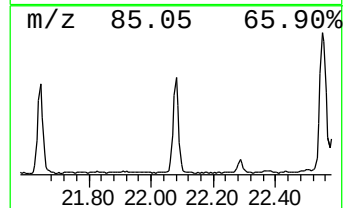
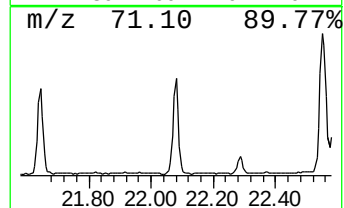
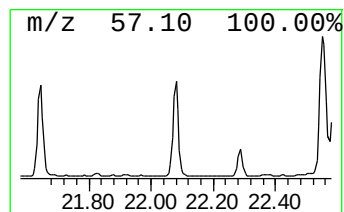
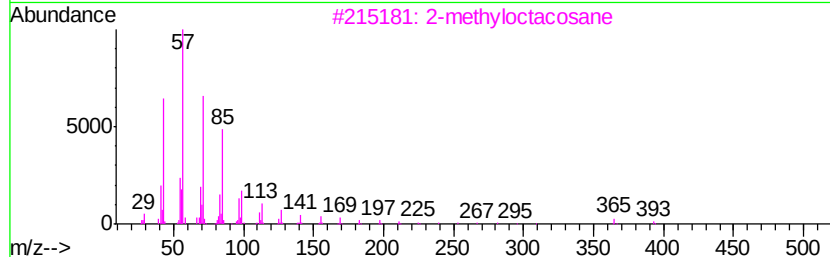
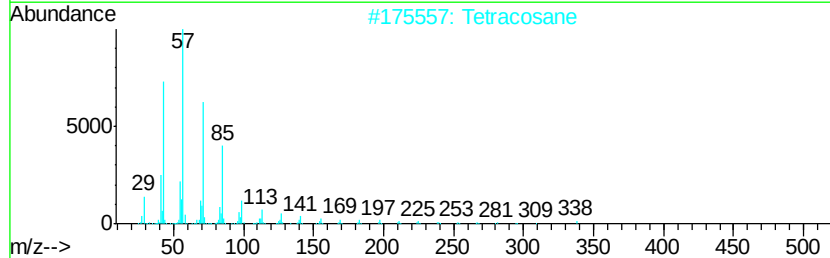
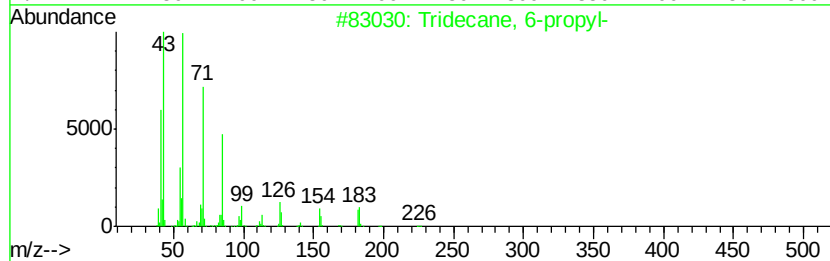
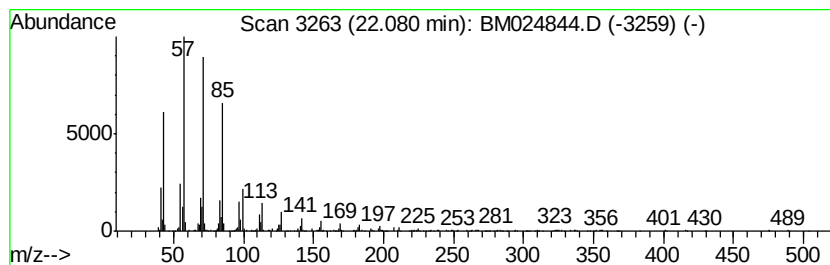
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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.
22.08	3.82 ng/ul	848496	Perylene-d12	23.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 6-propyl-	226	C16H34	055045-10-8	94
2		Tetracosane	338	C24H50	000646-31-1	93
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024844.D
Acq On : 11 Feb 2020 21:04
Operator : CG/JU
Sample : L1405-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

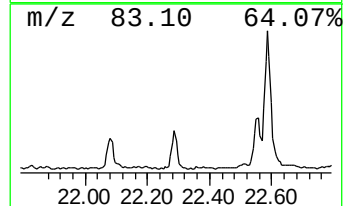
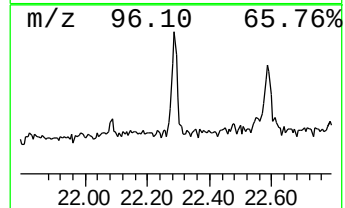
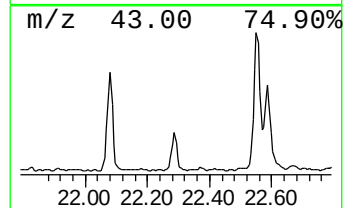
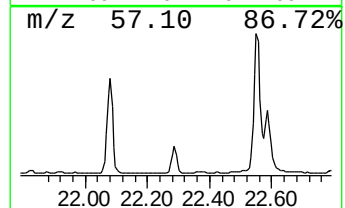
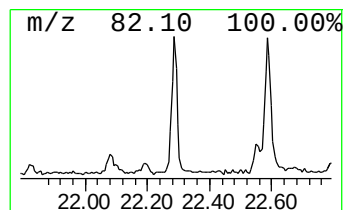
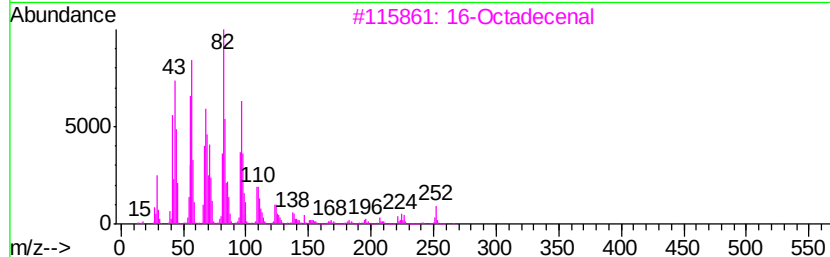
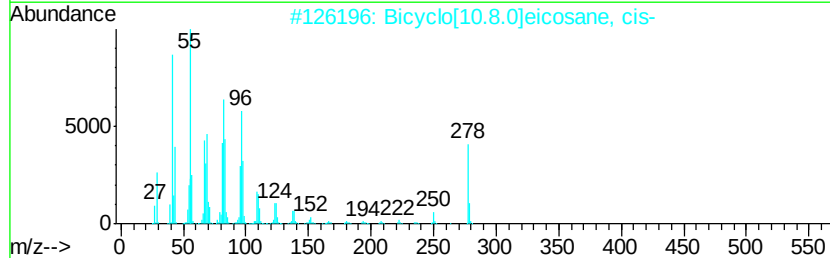
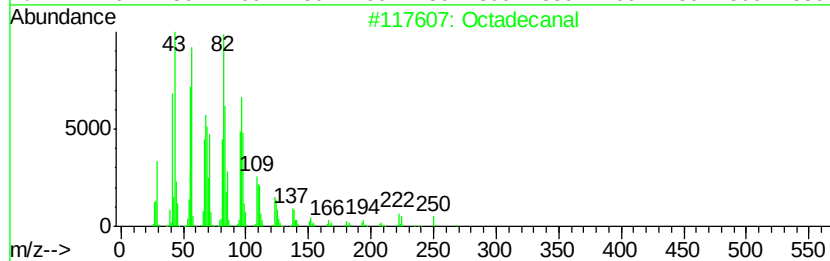
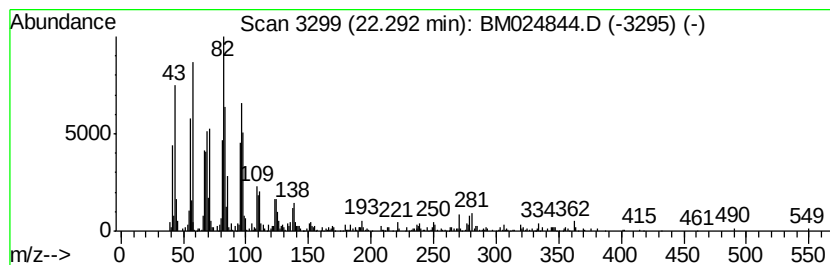
Instrument :
BNA_M
ClientSampleId :
CB6P6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.78 ng/ul	617170	Perylene-d12	23.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanal	268 C18H36O	000638-66-4	94
2	Bicyclo[10.8.0]eicosane, cis-	278 C20H38	1000155-82-2	93
3	16-Octadecenal	266 C18H34O	056554-87-1	91
4	17-Octadecenal	266 C18H34O	056554-86-0	91
5	Octadecanal	268 C18H36O	000638-66-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021120\
Data File : BM024844.D
Acq On : 11 Feb 2020 21:04
Operator : CG/JU
Sample : L1405-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6P6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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
Phenanthrene, 1-m...	17.73	2.5	ng/ul	518619	4	16.81	4202370	20.0
Benzaldehyde, 3,5...	17.87	2.9	ng/ul	605004	4	16.81	4202370	20.0
1-Heptacosanol	20.77	3.9	ng/ul	1354050	5	21.02	6927860	20.0
Hexadecane, 1-iodo-	21.64	3.1	ng/ul	1069700	5	21.02	6927860	20.0
(DEL) Alkane: Str...	22.08	3.8	ng/ul	848496	6	23.12	4436660	20.0
Octadecanal	22.29	2.8	ng/ul	617170	6	23.12	4436660	20.0