

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
 Data File : BM018150.D
 Acq On : 14 Dec 2018 04:00
 Operator : JU/SJ
 Sample : J6236-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9E21

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-BM121318MA.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	3.105	34	37	43	rVB	15524	19447	0.48%	0.048%
2	3.505	101	105	110	rVB4	7069	10819	0.27%	0.027%
3	3.599	117	121	128	rBV2	21599	33540	0.82%	0.083%
4	3.705	134	139	147	rVV	24917	38112	0.94%	0.094%
5	3.905	168	173	179	rBV2	27046	41761	1.03%	0.103%
6	4.675	298	304	317	rBV	38546	65703	1.61%	0.163%
7	5.940	514	519	525	rVB	27587	39436	0.97%	0.098%
8	6.704	641	649	661	rBV2	259243	545419	13.39%	1.351%
9	6.863	670	676	690	rBV	256148	385830	9.47%	0.956%
10	7.045	701	707	718	rBV	299636	497540	12.22%	1.232%
11	7.151	721	725	733	rVV3	15678	34590	0.85%	0.086%
12	7.510	779	786	797	rBV	507024	823973	20.23%	2.041%
13	8.228	902	908	919	rBV	294694	534749	13.13%	1.324%
14	8.669	976	983	993	rBV	250241	449975	11.05%	1.115%
15	9.051	1043	1048	1055	rVB	20578	26374	0.65%	0.065%
16	9.381	1098	1104	1116	rBV	249083	425256	10.44%	1.053%
17	9.916	1188	1195	1211	rBV	300486	602964	14.80%	1.493%
18	10.275	1249	1256	1265	rBV	783289	1294377	31.78%	3.206%
19	10.439	1278	1284	1306	rBV	199971	517151	12.70%	1.281%
20	13.586	1812	1819	1825	rBV	623570	966447	23.73%	2.394%
21	13.639	1825	1828	1835	rVB	93742	135520	3.33%	0.336%
22	13.857	1858	1865	1882	rBV	690745	1176903	28.90%	2.915%
23	14.163	1911	1917	1926	rBV2	979791	1546808	37.98%	3.831%
24	14.416	1952	1960	1976	rBV2	123941	309928	7.61%	0.768%
25	14.627	1990	1996	2000	rVB5	10880	15650	0.38%	0.039%
26	15.027	2059	2064	2071	rVB6	4966	11853	0.29%	0.029%
27	15.168	2082	2088	2097	rBV	1000339	1413654	34.71%	3.501%
28	15.316	2108	2113	2125	rVV	265649	441892	10.85%	1.095%
29	15.416	2125	2130	2140	rVB6	10562	25128	0.62%	0.062%
30	15.915	2208	2215	2225	rBV4	34626	82465	2.02%	0.204%
31	16.486	2305	2312	2314	rBV6	6832	14843	0.36%	0.037%
32	16.745	2352	2356	2360	rVB3	12694	17575	0.43%	0.044%
33	16.845	2368	2373	2378	rBV4	12624	18663	0.46%	0.046%
34	16.927	2380	2387	2392	rBV2	1398976	1956181	48.03%	4.845%

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35	16.962	2392	2393	2398	rVB	33665	35474	0.87%	0.088%
36	17.021	2398	2403	2409	rBV2	1023731	1499243	36.81%	3.713%
37	17.115	2417	2419	2423	rVB5	6847	9369	0.23%	0.023%
38	17.333	2450	2456	2460	rBV7	22815	48771	1.20%	0.121%
39	17.451	2475	2476	2482	rVB5	8485	11666	0.29%	0.029%
40	17.721	2516	2522	2525	rBV7	10019	16416	0.40%	0.041%
41	17.774	2528	2531	2534	rBV4	8775	10937	0.27%	0.027%
42	17.804	2534	2536	2537	rVV2	9061	8853	0.22%	0.022%
43	17.839	2537	2542	2551	rVB2	186738	268731	6.60%	0.666%
44	18.004	2565	2570	2573	rVV2	29405	49869	1.22%	0.124%
45	18.039	2574	2576	2583	rVB2	13854	17845	0.44%	0.044%
46	18.133	2588	2592	2596	rBV6	10277	17008	0.42%	0.042%
47	18.315	2619	2623	2628	rVV3	19216	27464	0.67%	0.068%
48	18.362	2628	2631	2637	rVV6	10576	16332	0.40%	0.040%
49	18.562	2662	2665	2667	rVV2	8320	9904	0.24%	0.025%
50	18.615	2670	2674	2676	rVV2	13309	14055	0.35%	0.035%
51	18.651	2677	2680	2684	rVB4	18794	23689	0.58%	0.059%
52	18.709	2684	2690	2698	rBV4	102567	216632	5.32%	0.537%
53	18.786	2698	2703	2707	rVV5	22288	48145	1.18%	0.119%
54	18.827	2708	2710	2714	rVB2	17137	16972	0.42%	0.042%
55	18.880	2714	2719	2725	rBV2	70150	106813	2.62%	0.265%
56	18.998	2730	2739	2744	rVV	1011610	1334189	32.76%	3.305%
57	19.039	2744	2746	2748	rVV3	11116	9986	0.25%	0.025%
58	19.068	2748	2751	2754	rVV3	20155	26468	0.65%	0.066%
59	19.104	2754	2757	2759	rVV4	22678	33906	0.83%	0.084%
60	19.133	2759	2762	2769	rVV2	90805	177527	4.36%	0.440%
61	19.204	2772	2774	2775	rVV2	15483	14855	0.36%	0.037%
62	19.239	2775	2780	2785	rVV4	38231	88544	2.17%	0.219%
63	19.280	2785	2787	2790	rVV4	21281	25008	0.61%	0.062%
64	19.333	2790	2796	2799	rVV2	1466451	2143186	52.62%	5.308%
65	19.362	2799	2801	2810	rVV	1138537	1260762	30.96%	3.123%
66	19.439	2810	2814	2822	rVB3	48002	79216	1.94%	0.196%
67	19.551	2828	2833	2839	rVB	59531	85523	2.10%	0.212%
68	19.615	2839	2844	2848	rVB3	29506	54306	1.33%	0.135%
69	19.698	2852	2858	2864	rBV4	95721	235772	5.79%	0.584%
70	19.833	2875	2881	2891	rBV5	93258	311497	7.65%	0.772%
71	19.968	2901	2904	2907	rBV3	18326	24792	0.61%	0.061%

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72	20.027	2907	2914	2918	rVV2	132219	241251	5.92%	0.598%
73	20.062	2918	2920	2924	rVV4	16883	21130	0.52%	0.052%
74	20.109	2925	2928	2932	rVB	37281	43674	1.07%	0.108%
75	20.162	2934	2937	2941	rBV	66772	85566	2.10%	0.212%
76	20.215	2941	2946	2950	rBV3	59684	102252	2.51%	0.253%
77	20.427	2979	2982	2984	rBV4	18684	27589	0.68%	0.068%
78	20.533	2998	3000	3003	rBV4	20194	19352	0.48%	0.048%
79	20.627	3011	3016	3025	rBV	217889	335225	8.23%	0.830%
80	20.780	3038	3042	3046	rBV2	177744	242406	5.95%	0.600%
81	20.821	3046	3049	3052	rVV	136633	169417	4.16%	0.420%
82	20.862	3052	3056	3062	rVV3	275902	460643	11.31%	1.141%
83	20.921	3063	3066	3071	rVB	135917	179324	4.40%	0.444%
84	21.021	3081	3083	3089	rVB2	34448	57720	1.42%	0.143%
85	21.139	3094	3103	3107	rBV2	2370351	4072870	100.00%	10.088%
86	21.174	3107	3109	3121	rVB	655619	929130	22.81%	2.301%
87	21.356	3137	3140	3143	rBV4	47111	72503	1.78%	0.180%
88	21.445	3152	3155	3161	rBV3	72678	123507	3.03%	0.306%
89	21.503	3162	3165	3168	rVV4	51972	61102	1.50%	0.151%
90	21.686	3193	3196	3199	rVB	144426	165626	4.07%	0.410%
91	21.733	3200	3204	3210	rVV3	110379	232293	5.70%	0.575%
92	22.662	3356	3362	3367	rBV	1153468	2374539	58.30%	5.881%
93	22.821	3386	3389	3395	rVB	141220	219133	5.38%	0.543%
94	23.115	3434	3439	3443	rBV	434226	763174	18.74%	1.890%
95	23.168	3443	3448	3451	rVV	977704	1748188	42.92%	4.330%
96	23.203	3452	3454	3461	rVB	551551	859379	21.10%	2.129%
97	23.303	3464	3471	3476	rBV	1364712	2474015	60.74%	6.128%
98	23.797	3551	3555	3563	rVB4	155077	295673	7.26%	0.732%
99	24.497	3670	3674	3681	rVB4	129842	271862	6.67%	0.673%
100	25.433	3827	3833	3846	rVB2	277466	824946	20.25%	2.043%

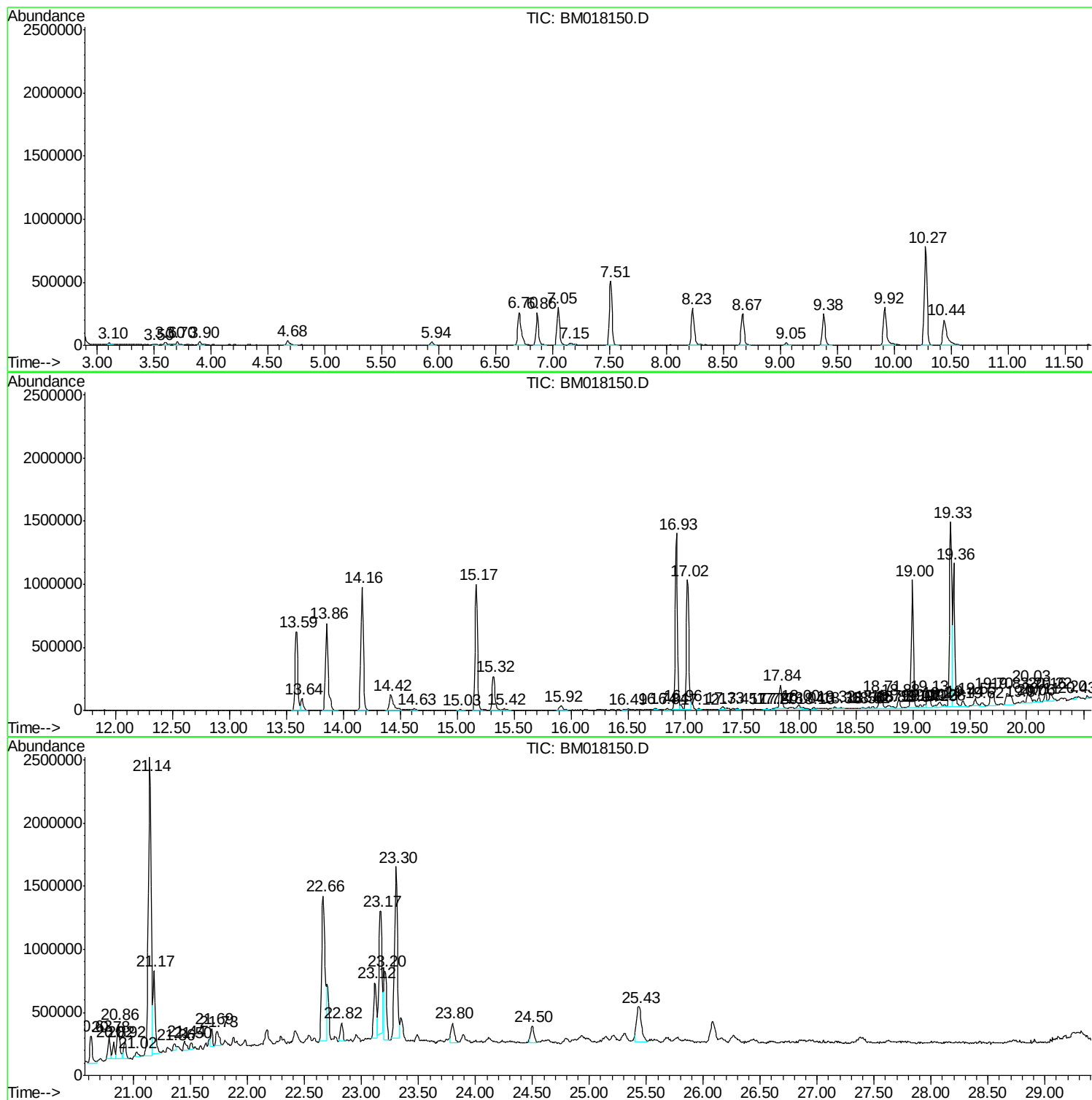
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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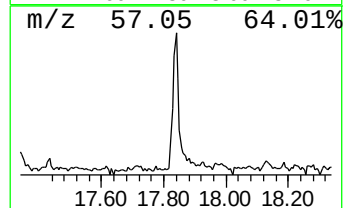
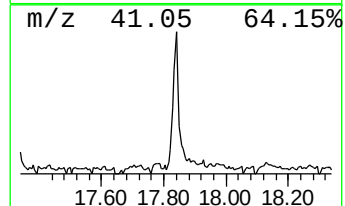
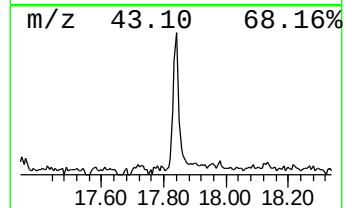
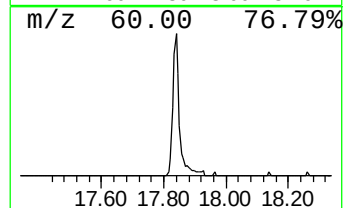
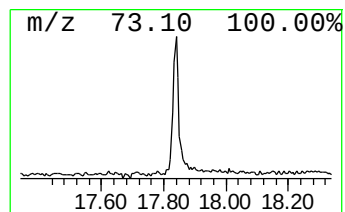
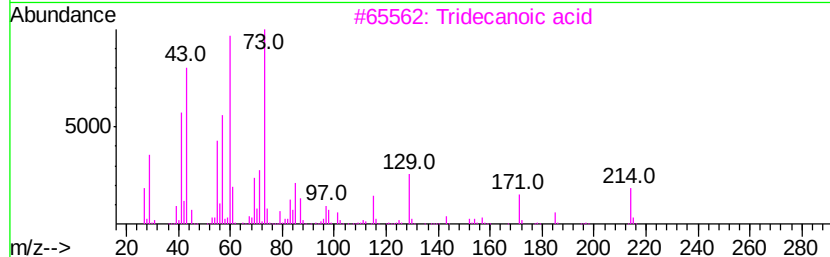
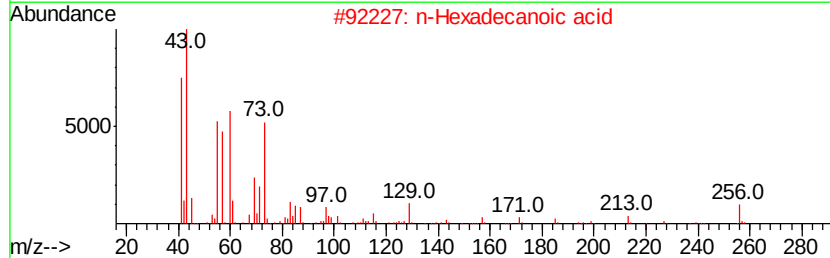
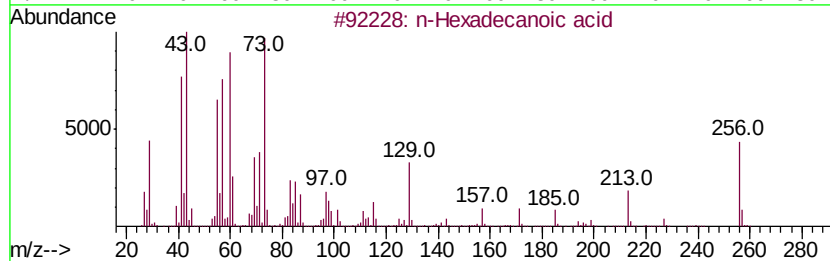
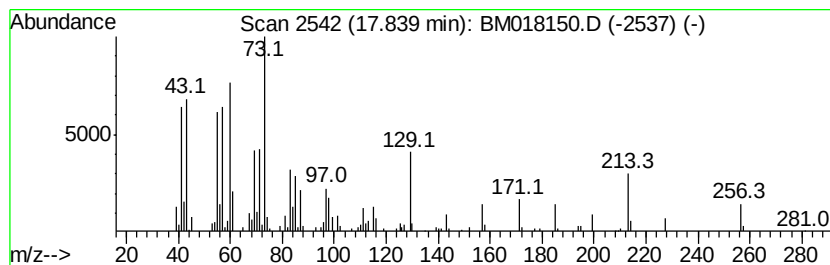
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.84	2.75 ng/ul	268731	Phenanthrene-d10		16.93	
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	94
3	Tridecanoic acid		214	C13H26O2	000638-53-9	89
4	Tridecanoic acid		214	C13H26O2	000638-53-9	87
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	83



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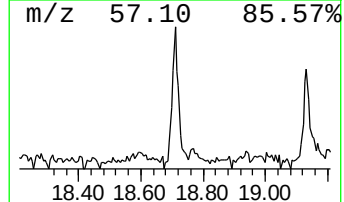
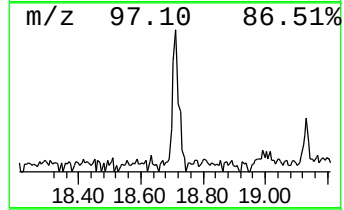
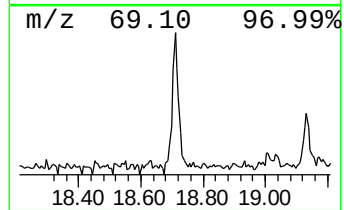
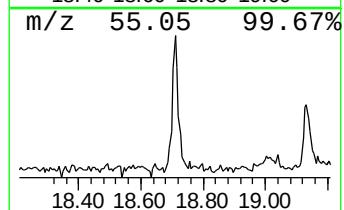
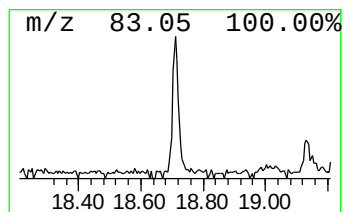
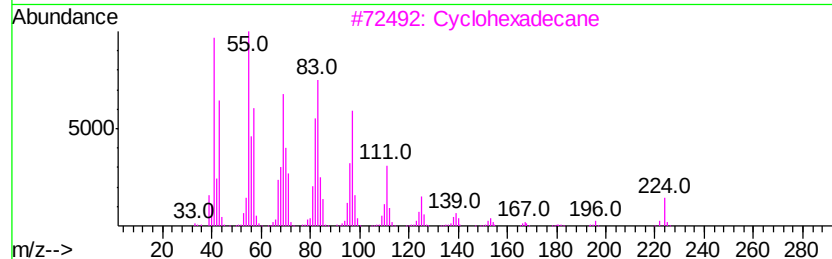
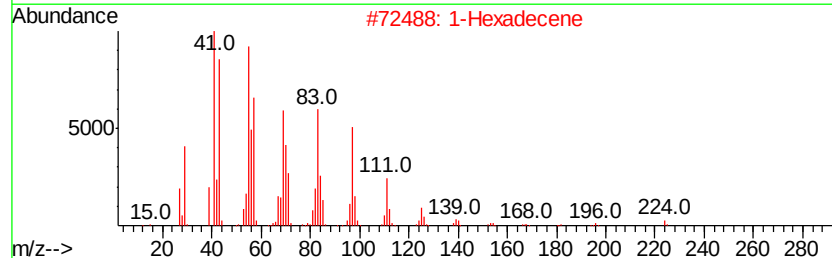
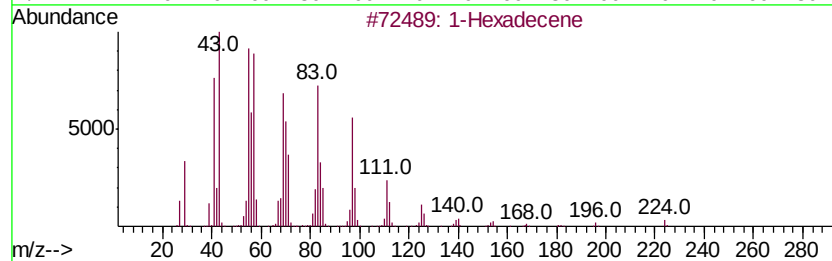
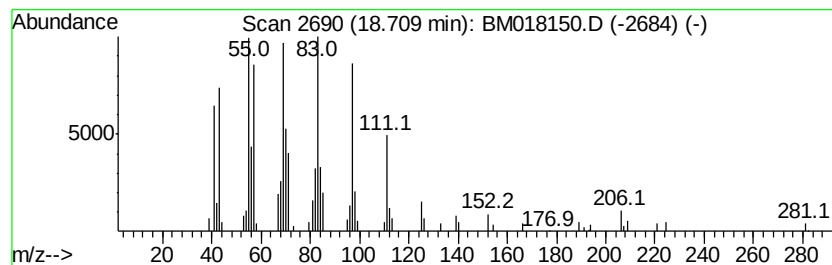
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic18.71 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	2.21 ng/ul	216632	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecene	224	C16H32	000629-73-2	96
2		1-Hexadecene	224	C16H32	000629-73-2	93
3		Cyclohexadecane	224	C16H32	000295-65-8	90
4		Cyclohexadecane	224	C16H32	000295-65-8	90
5		5-Octadecene, (E)-	252	C18H36	007206-21-5	87



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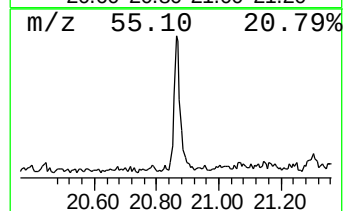
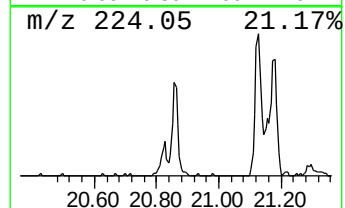
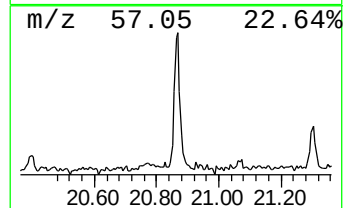
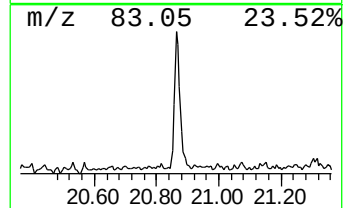
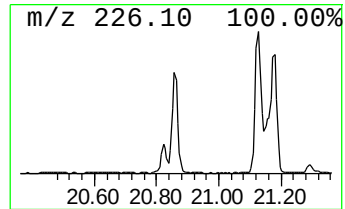
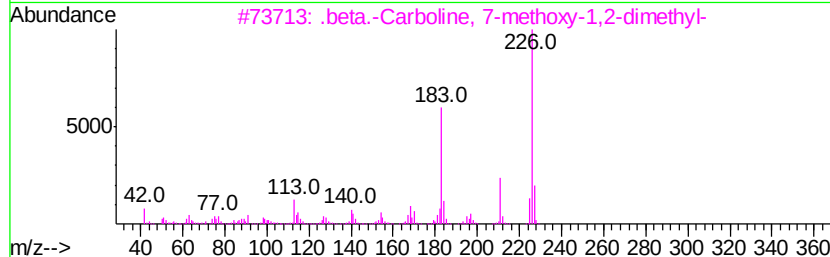
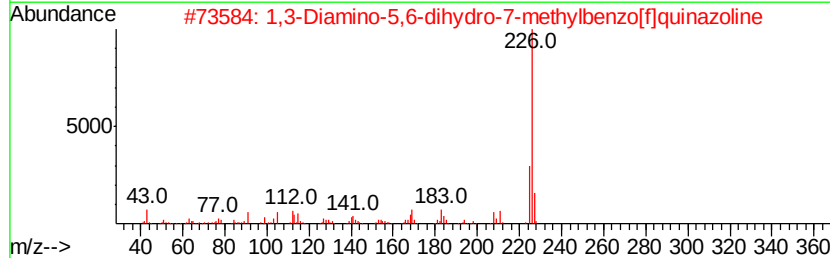
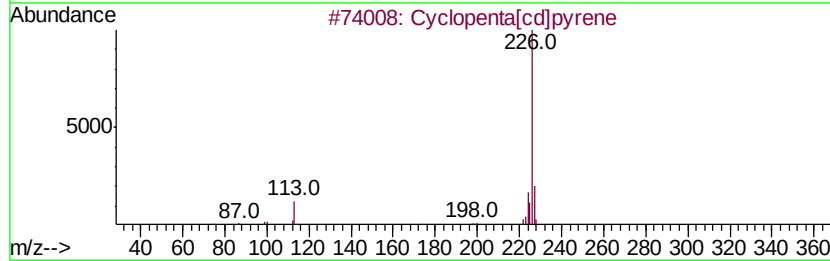
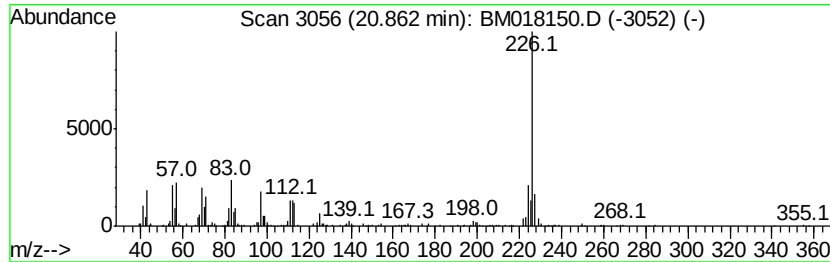
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Peak Number 3 Cyclopenta[cd]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.86	2.26 ng/ul	460643	Chrysene-d12	21.14		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	47
3		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	47
4		p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	46
5		9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018150.D
Acq On : 14 Dec 2018 04:00
Operator : JU/SJ
Sample : J6236-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E21

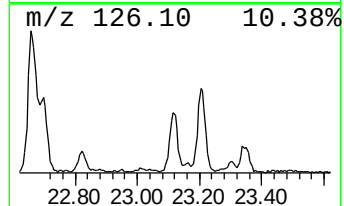
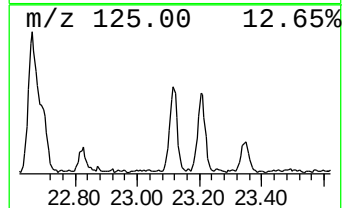
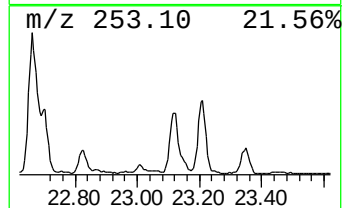
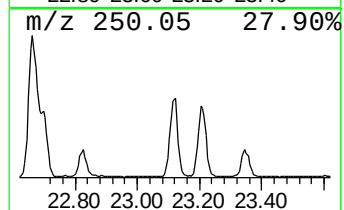
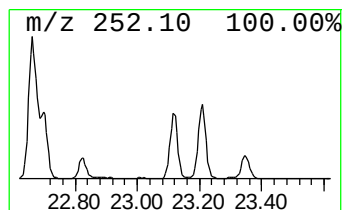
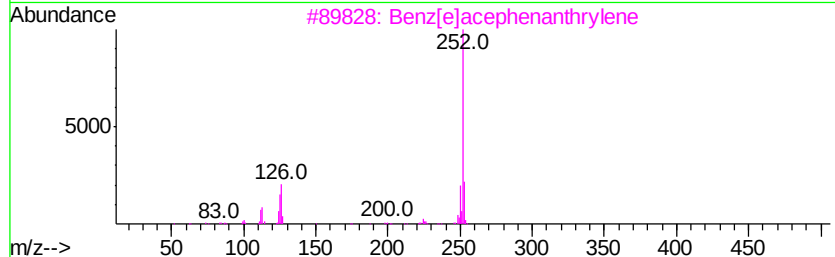
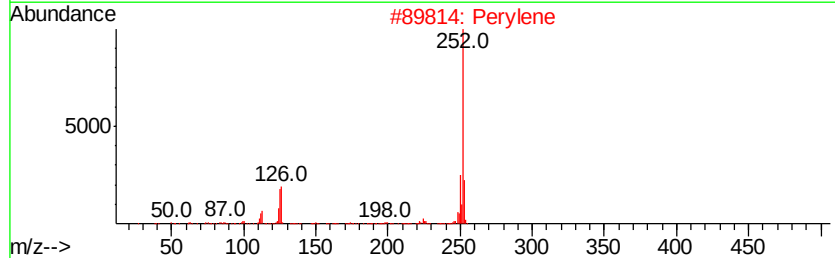
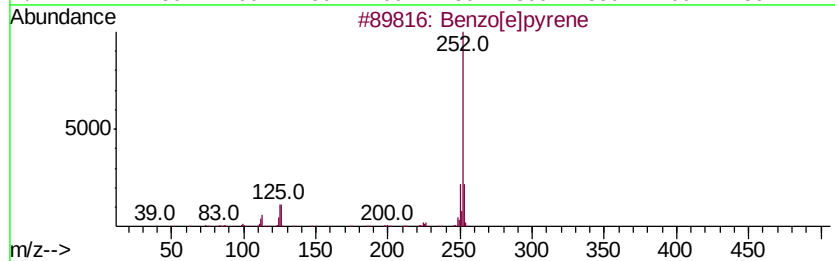
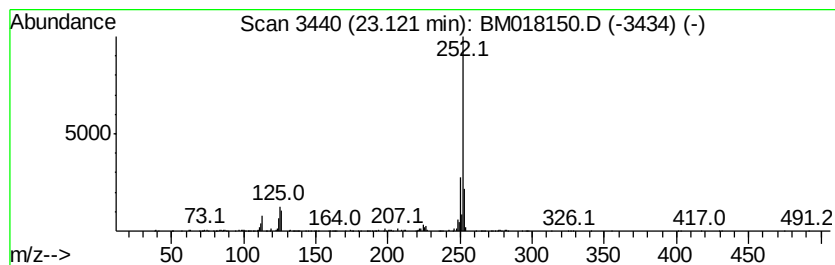
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	6.17 ng/ul	763174	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	93
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018150.D
Acq On : 14 Dec 2018 04:00
Operator : JU/SJ
Sample : J6236-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E21

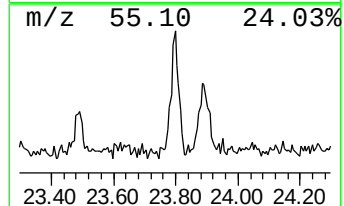
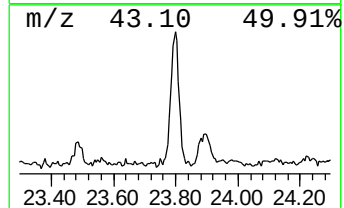
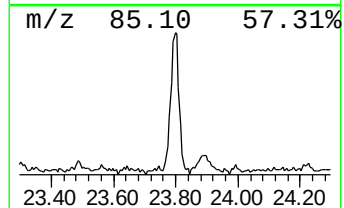
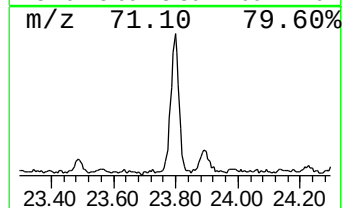
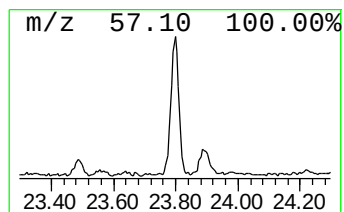
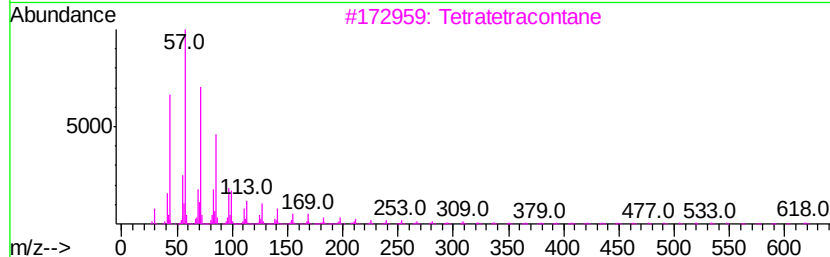
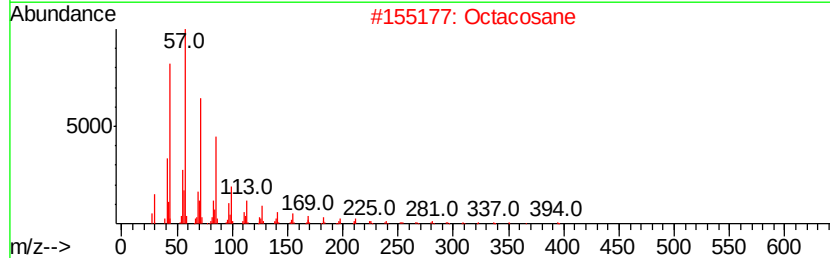
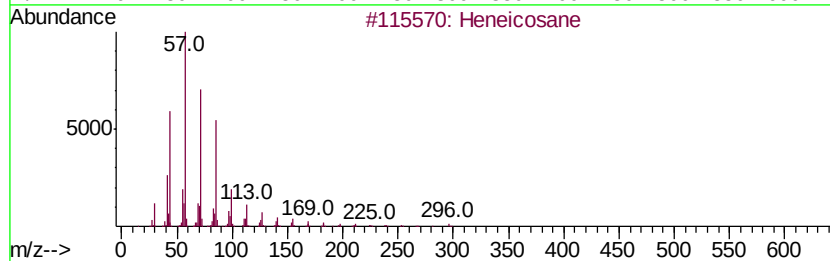
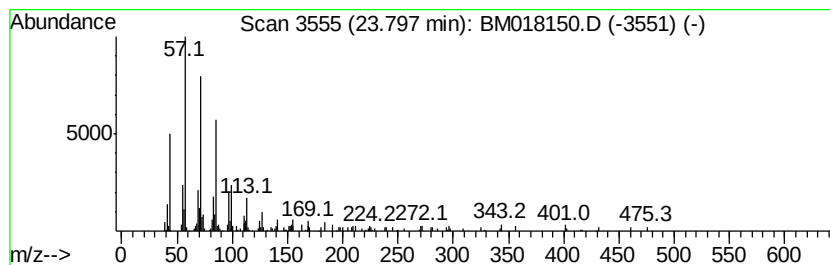
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	2.39 ng/ul	295673	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Octacosane	394	C28H58	000630-02-4	87
3		Tetratetracontane	619	C44H90	007098-22-8	83
4		Hentriacontane	437	C31H64	000630-04-6	83
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018150.D
Acq On : 14 Dec 2018 04:00
Operator : JU/SJ
Sample : J6236-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E21

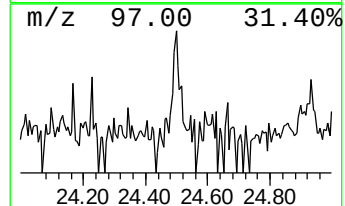
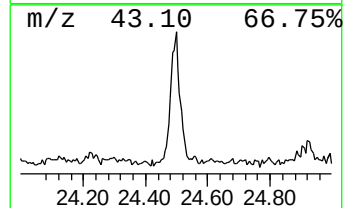
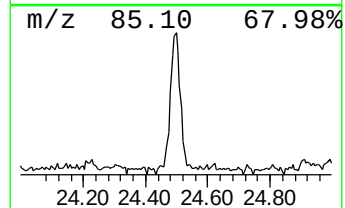
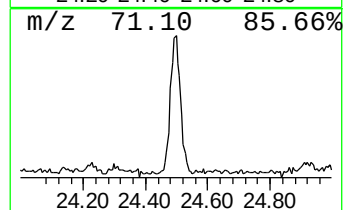
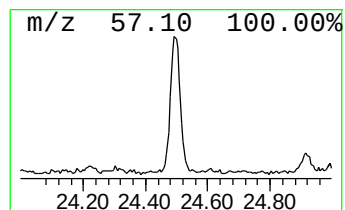
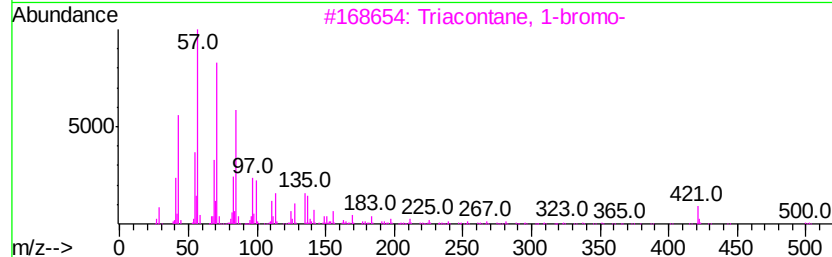
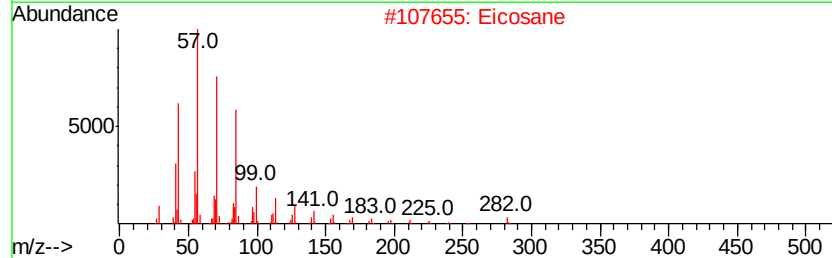
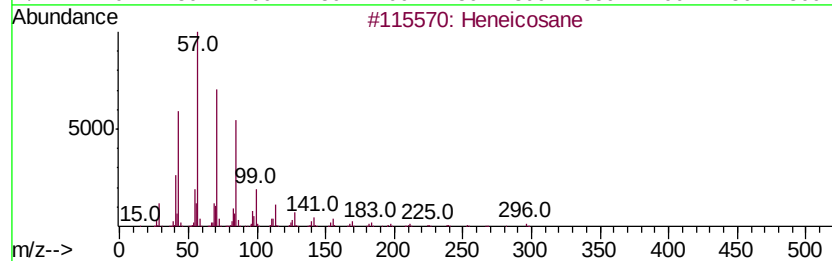
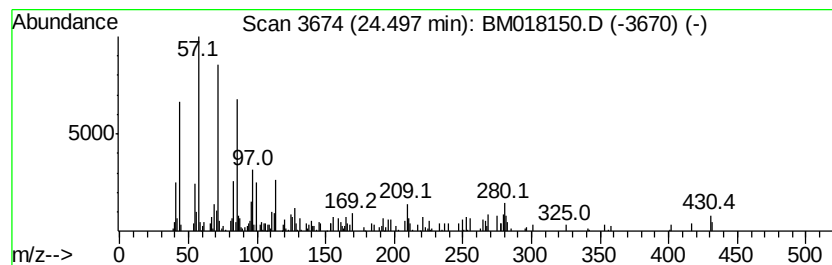
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.50	2.20 ng/ul	271862	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	89
2		Eicosane	282	C20H42	000112-95-8	86
3		Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	72
4		Nonadecane	268	C19H40	000629-92-5	70
5		Nonadecane	268	C19H40	000629-92-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121318\
Data File : BM018150.D
Acq On : 14 Dec 2018 04:00
Operator : JU/SJ
Sample : J6236-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9E21

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	2.8	ng/ul	268731	4	16.93	1956180	20.0
(DEL) Alkane: Cyc...	18.71	2.2	ng/ul	216632	4	16.93	1956180	20.0
Cyclopenta[cd]pyrene	20.86	2.3	ng/ul	460643	5	21.14	4072870	20.0
Benzo[e]pyrene	23.12	6.2	ng/ul	763174	6	23.30	2474020	20.0
(DEL) Alkane: Str...	23.80	2.4	ng/ul	295673	6	23.30	2474020	20.0
(DEL) Alkane: Str...	24.50	2.2	ng/ul	271862	6	23.30	2474020	20.0