

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023595.D
 Acq On : 10 Aug 2016 16:54
 Operator : UM/SJ
 Sample : H4360-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS002-0206-01

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.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	4.013	197	200	207	rVB3	27803	39694	0.90%	0.073%
2	4.765	325	328	331	rBV5	8320	8650	0.20%	0.016%
3	4.800	331	334	335	rBV3	7948	8239	0.19%	0.015%
4	5.059	375	378	380	rVB4	8544	8005	0.18%	0.015%
5	5.176	393	398	404	rBV2	96855	148003	3.34%	0.271%
6	5.223	404	406	409	rVB4	9269	8127	0.18%	0.015%
7	5.252	409	411	415	rBV4	7273	10367	0.23%	0.019%
8	6.474	616	619	622	rBV4	8928	8951	0.20%	0.016%
9	7.267	746	754	767	rBV	482491	909846	20.56%	1.664%
10	7.426	769	781	791	rVV	407190	694229	15.69%	1.269%
11	7.514	794	796	799	rBV4	8725	10564	0.24%	0.019%
12	7.637	807	817	826	rBV	499936	869662	19.65%	1.590%
13	8.113	890	898	907	rBV	634549	1084860	24.51%	1.984%
14	8.342	930	937	939	rBV6	8261	14893	0.34%	0.027%
15	8.824	1011	1019	1028	rBV	569258	978762	22.12%	1.790%
16	9.288	1089	1098	1106	rBV	475906	874396	19.76%	1.599%
17	9.400	1113	1117	1121	rBV5	22318	36671	0.83%	0.067%
18	10.017	1215	1222	1231	rBV2	432747	776309	17.54%	1.420%
19	10.334	1272	1276	1277	rBV3	7522	9193	0.21%	0.017%
20	10.569	1309	1316	1330	rBV	612824	1179587	26.65%	2.157%
21	10.945	1373	1380	1388	rBV	905135	1657356	37.45%	3.031%
22	11.086	1397	1404	1415	rBV	390163	792323	17.90%	1.449%
23	12.460	1632	1638	1644	rVB	84768	137692	3.11%	0.252%
24	12.537	1647	1651	1658	rVB7	15790	31519	0.71%	0.058%
25	12.601	1661	1662	1665	rBV3	11709	10671	0.24%	0.020%
26	12.825	1694	1700	1706	rVB7	17748	37799	0.85%	0.069%
27	13.124	1748	1751	1756	rVB6	7906	14700	0.33%	0.027%
28	13.236	1768	1770	1775	rVB5	4331	7703	0.17%	0.014%
29	13.371	1788	1793	1797	rVB6	13049	21479	0.49%	0.039%
30	13.430	1800	1803	1806	rBV4	5775	7495	0.17%	0.014%
31	13.541	1818	1822	1824	rBV4	5891	7503	0.17%	0.014%
32	13.582	1826	1829	1834	rVV7	5201	10890	0.25%	0.020%
33	13.659	1838	1842	1846	rVB6	15839	19766	0.45%	0.036%
34	13.876	1874	1879	1882	rVB5	10051	18237	0.41%	0.033%

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35	13.935	1886	1889	1890	rBV2	11449	11662	0.26%	0.021%
36	13.958	1891	1893	1901	rVB9	14803	20408	0.46%	0.037%
37	14.099	1913	1917	1922	rVB4	29262	49563	1.12%	0.091%
38	14.176	1922	1930	1934	rBV	1236435	1877569	42.42%	3.433%
39	14.223	1934	1938	1946	rVB	912617	1310010	29.60%	2.395%
40	14.334	1953	1957	1962	rBV8	14988	22827	0.52%	0.042%
41	14.475	1974	1981	1993	rBV	1347429	2254116	50.93%	4.122%
42	14.599	2001	2002	2007	rVB5	8604	9592	0.22%	0.018%
43	14.651	2007	2011	2016	rVB3	26801	37259	0.84%	0.068%
44	14.781	2019	2033	2041	rBV2	1513182	2576178	58.21%	4.711%
45	14.851	2041	2045	2050	rVB4	29873	44416	1.00%	0.081%
46	14.998	2062	2070	2086	rBV	395300	890022	20.11%	1.627%
47	15.145	2093	2095	2096	rBV2	13968	10560	0.24%	0.019%
48	15.257	2108	2114	2118	rVB4	30521	48242	1.09%	0.088%
49	15.398	2131	2138	2142	rVV5	30132	58402	1.32%	0.107%
50	15.445	2144	2146	2151	rVV5	21127	31481	0.71%	0.058%
51	15.486	2151	2153	2160	rVB6	9212	14477	0.33%	0.026%
52	15.562	2160	2166	2169	rBV4	46013	85331	1.93%	0.156%
53	15.609	2170	2174	2179	rVB4	59670	84369	1.91%	0.154%
54	15.662	2179	2183	2188	rBV6	15002	27326	0.62%	0.050%
55	15.779	2197	2203	2209	rBV	1856011	2886183	65.21%	5.278%
56	15.832	2209	2212	2218	rVB4	41696	68974	1.56%	0.126%
57	15.903	2218	2224	2232	rBV	594261	921883	20.83%	1.686%
58	16.114	2257	2260	2267	rVB10	19798	39969	0.90%	0.073%
59	16.226	2277	2279	2284	rBV4	13214	20553	0.46%	0.038%
60	16.402	2306	2309	2317	rVB10	24037	37608	0.85%	0.069%
61	16.473	2317	2321	2324	rBV3	83045	122923	2.78%	0.225%
62	16.819	2376	2380	2381	rBV4	35100	38438	0.87%	0.070%
63	16.890	2389	2392	2396	rVB4	22033	36593	0.83%	0.067%
64	17.201	2441	2445	2452	rVB5	33697	49316	1.11%	0.090%
65	17.271	2453	2457	2462	rVV2	73374	101007	2.28%	0.185%
66	17.318	2463	2465	2469	rVV5	27396	41746	0.94%	0.076%
67	17.365	2469	2473	2479	rVB2	60482	97596	2.21%	0.178%
68	17.418	2479	2482	2486	rBV6	17646	28908	0.65%	0.053%
69	17.548	2498	2504	2508	rBV2	2050847	3268813	73.86%	5.977%
70	17.589	2508	2511	2516	rVV	659657	943712	21.32%	1.726%
71	17.647	2516	2521	2532	rVB	2051994	3184281	71.95%	5.823%

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72	18.017	2582	2584	2589	rVB5	36103	37094	0.84%	0.068%
73	18.135	2600	2604	2611	rVB	94336	157272	3.55%	0.288%
74	18.282	2625	2629	2637	rVB3	55722	117510	2.66%	0.215%
75	18.382	2643	2646	2648	rBV3	38404	49660	1.12%	0.091%
76	18.423	2648	2653	2658	rVV2	486947	781247	17.65%	1.429%
77	18.476	2658	2662	2668	rVB	373436	568084	12.84%	1.039%
78	18.552	2673	2675	2681	rVV4	38719	62005	1.40%	0.113%
79	18.617	2681	2686	2690	rVV3	312764	568709	12.85%	1.040%
80	18.658	2690	2693	2699	rVB	231581	325099	7.35%	0.594%
81	18.922	2734	2738	2741	rBV	139461	200718	4.54%	0.367%
82	18.969	2743	2746	2755	rVB3	137816	243737	5.51%	0.446%
83	19.163	2772	2779	2784	rBV3	117824	264597	5.98%	0.484%
84	19.216	2785	2788	2792	rVV	154307	189197	4.27%	0.346%
85	19.257	2792	2795	2801	rVB3	130765	156670	3.54%	0.286%
86	19.339	2804	2809	2813	rBV2	366384	581765	13.14%	1.064%
87	19.480	2828	2833	2838	rBV4	142931	336249	7.60%	0.615%
88	19.604	2849	2854	2860	rVB	1100112	1568849	35.45%	2.869%
89	19.656	2860	2863	2866	rBV3	76378	113034	2.55%	0.207%
90	19.692	2867	2869	2876	rVB3	124786	181208	4.09%	0.331%
91	19.938	2905	2911	2914	rBV	2535698	3857073	87.15%	7.053%
92	20.032	2924	2927	2932	rVB	190970	274240	6.20%	0.501%
93	20.620	3023	3027	3030	rVB	245531	306056	6.92%	0.560%
94	20.755	3047	3050	3054	rBV	223827	284172	6.42%	0.520%
95	20.802	3055	3058	3062	rVV	158581	187737	4.24%	0.343%
96	21.724	3212	3215	3221	rVB2	307477	442240	9.99%	0.809%
97	21.865	3231	3239	3245	rBV2	2127476	4425756	100.00%	8.093%
98	21.918	3245	3248	3257	rVB	465073	765976	17.31%	1.401%
99	25.032	3770	3778	3785	rBV2	972662	2559047	57.82%	4.679%
100	25.267	3809	3818	3830	rBV2	1093369	3275083	74.00%	5.989%

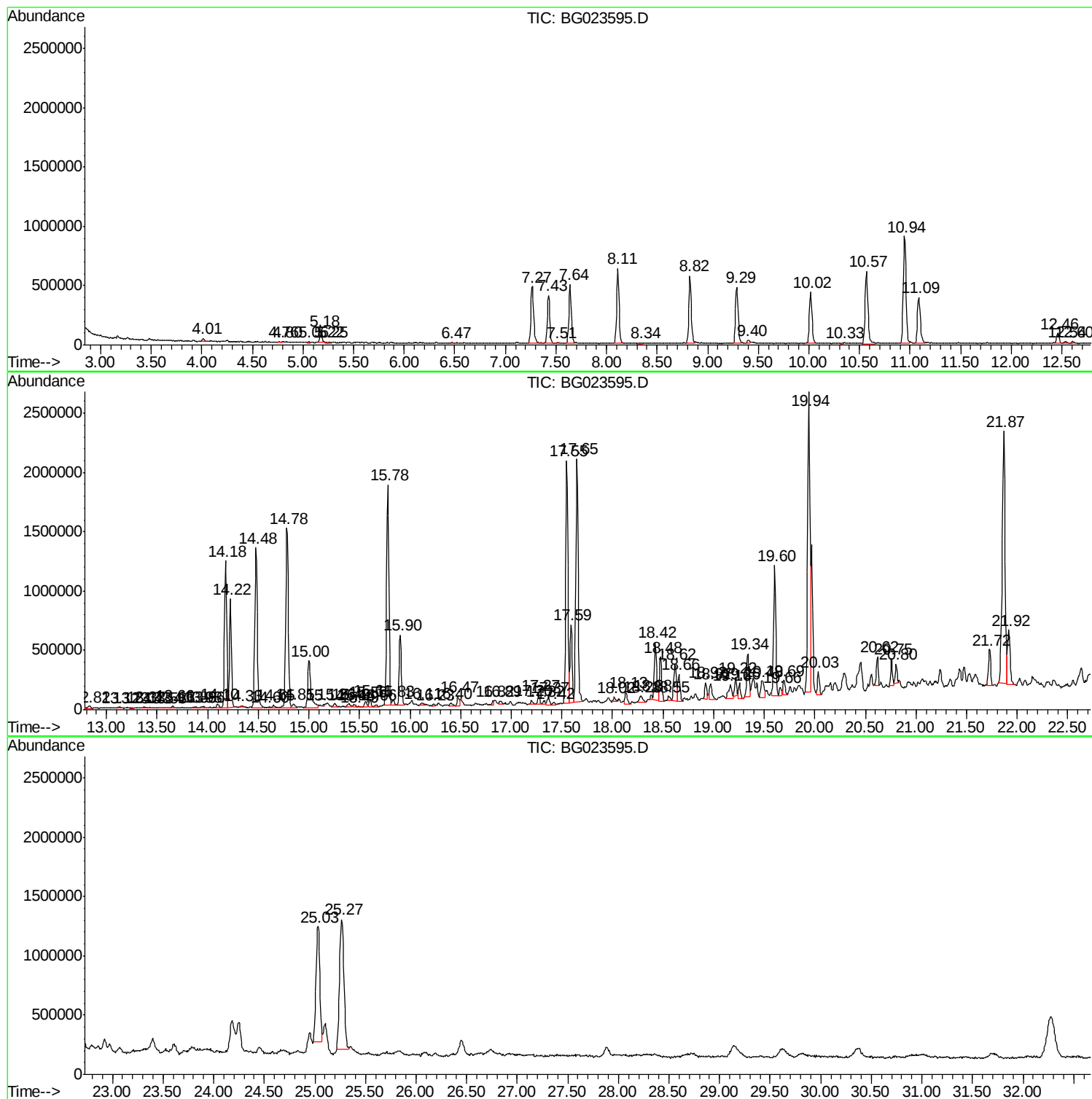
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



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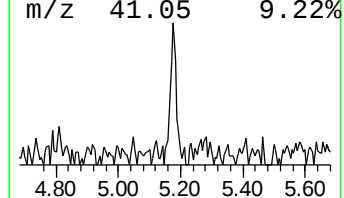
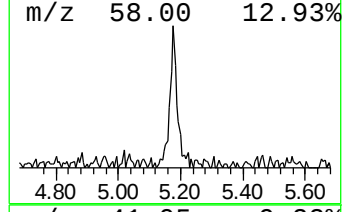
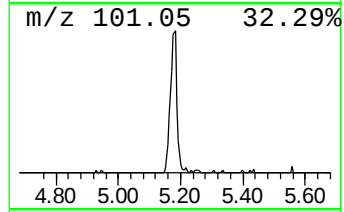
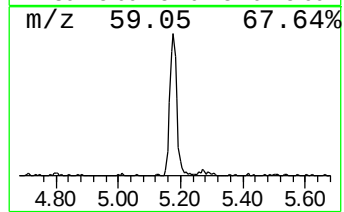
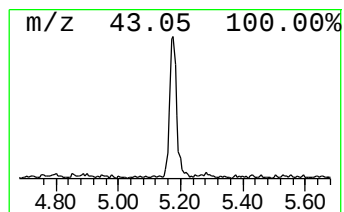
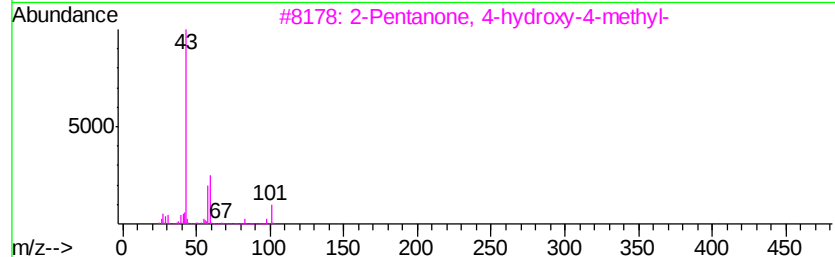
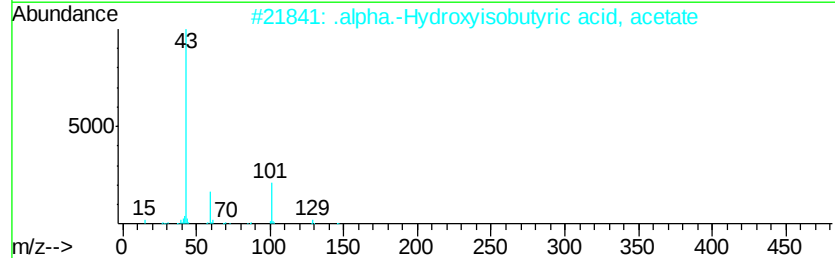
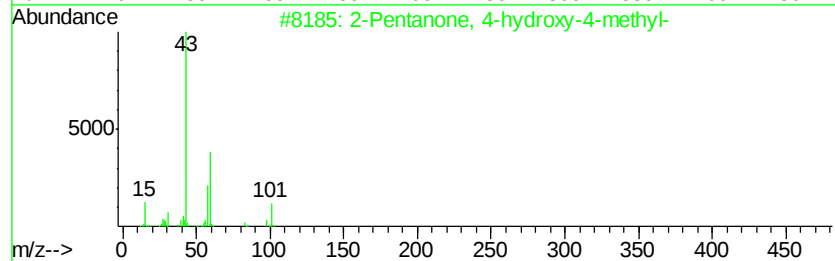
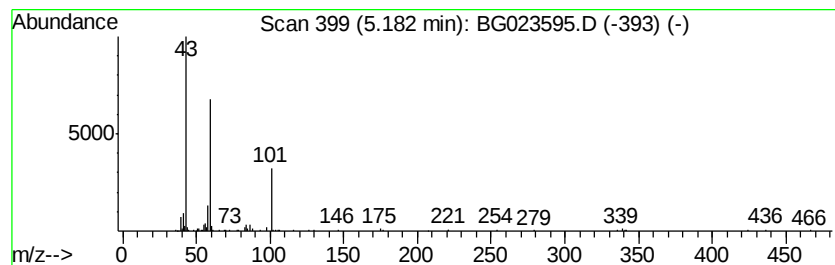
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	2.73 ng/ul	148003	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	45
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35



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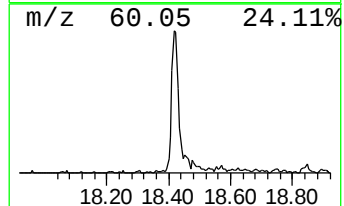
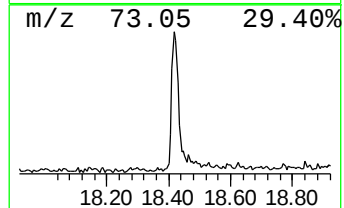
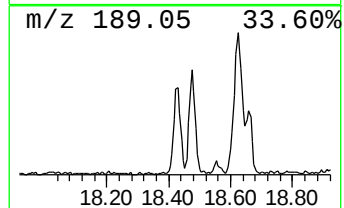
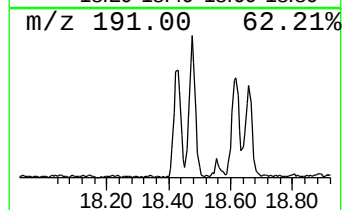
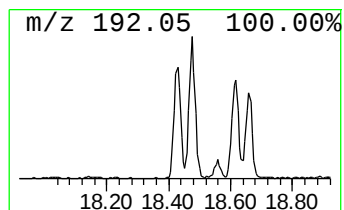
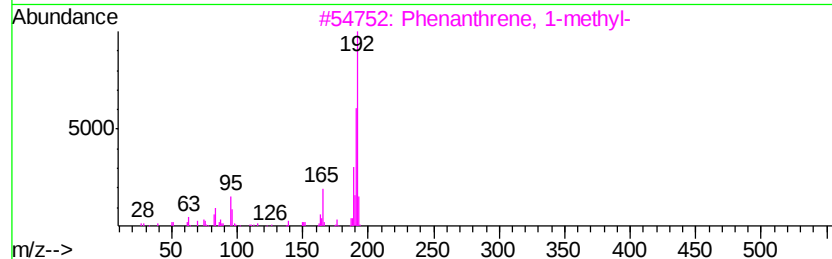
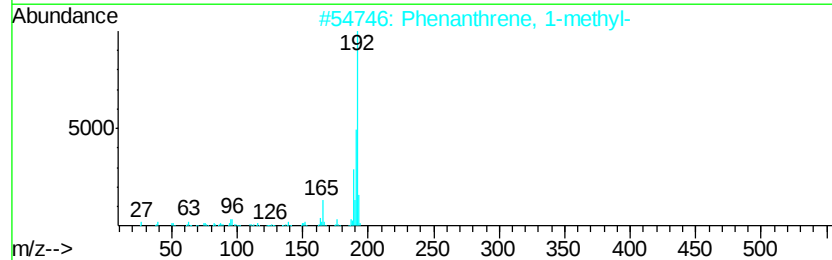
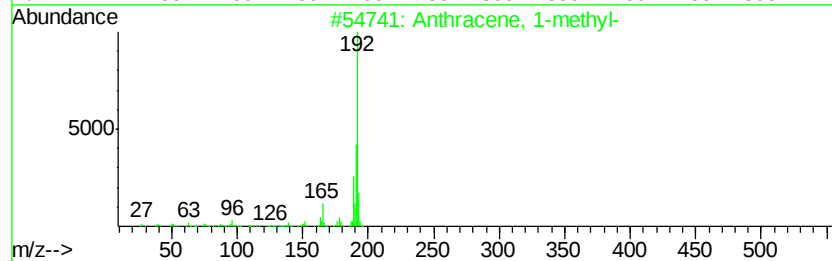
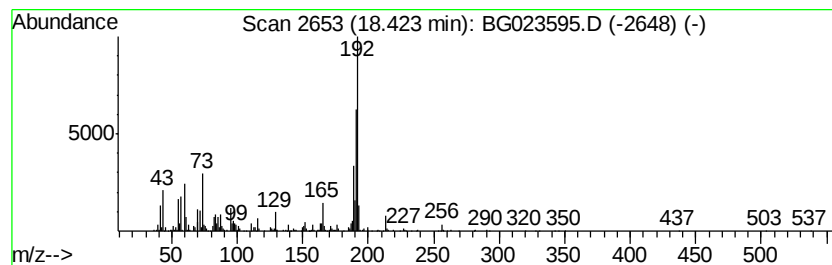
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Peak Number 2 Anthracene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.78 ng/ul	781247	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70



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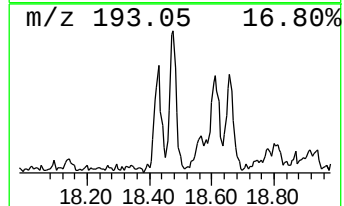
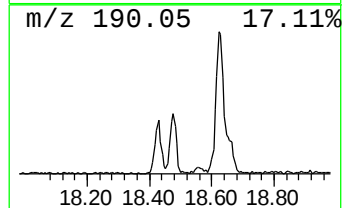
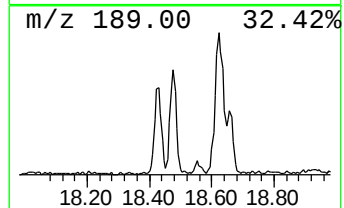
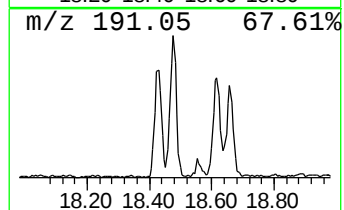
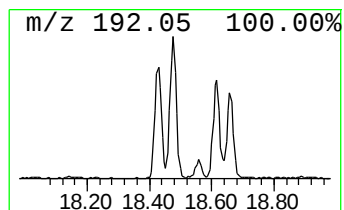
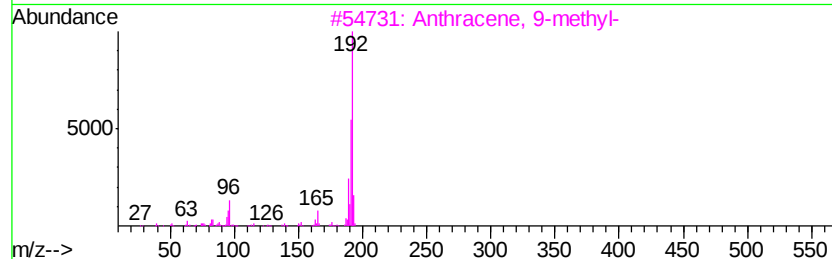
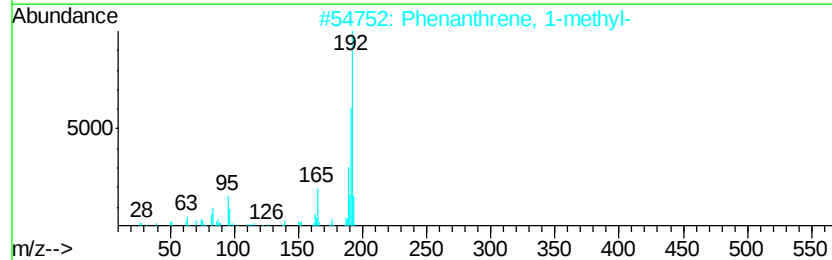
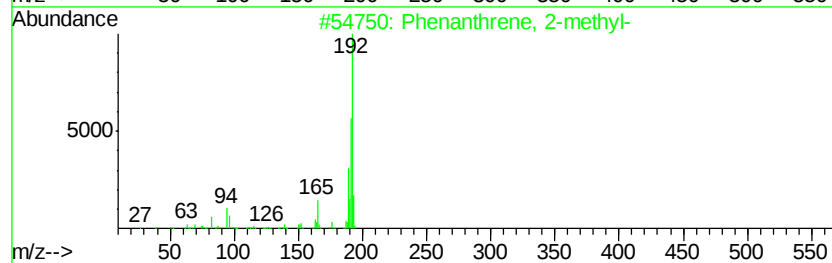
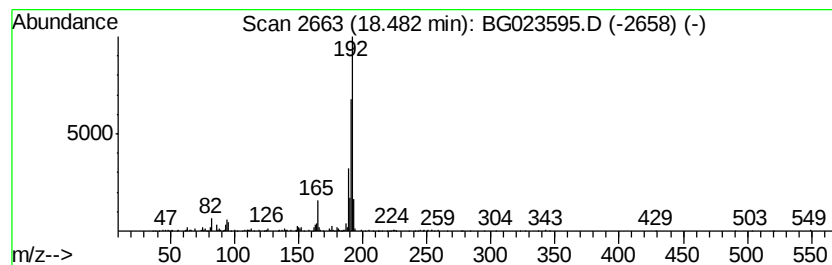
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.48	3.48 ng/ul	568084	Phenanthrene-d10	17.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93	
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93	
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91	
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90	
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023595.D
Acq On : 10 Aug 2016 16:54
Operator : UM/SJ
Sample : H4360-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0206-01

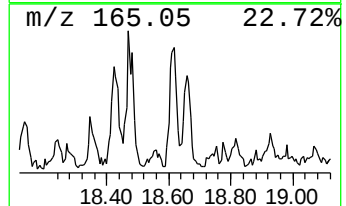
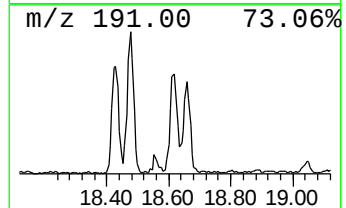
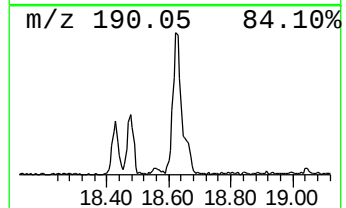
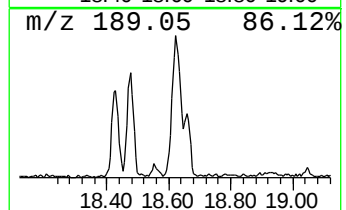
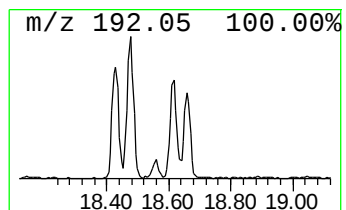
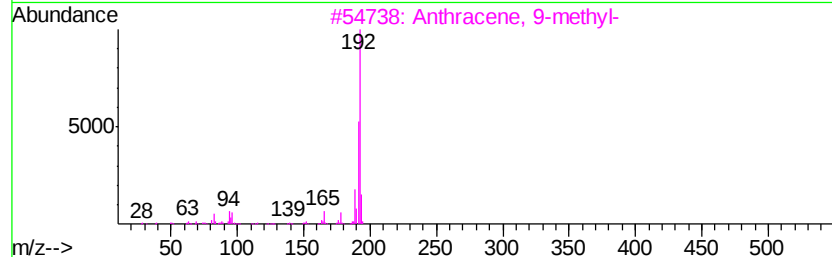
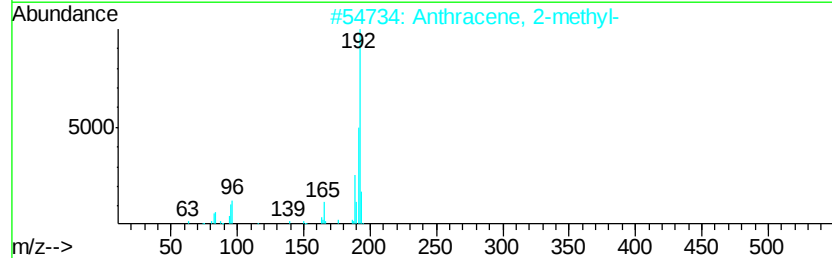
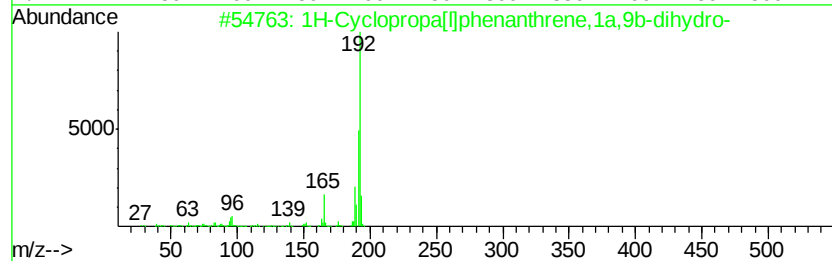
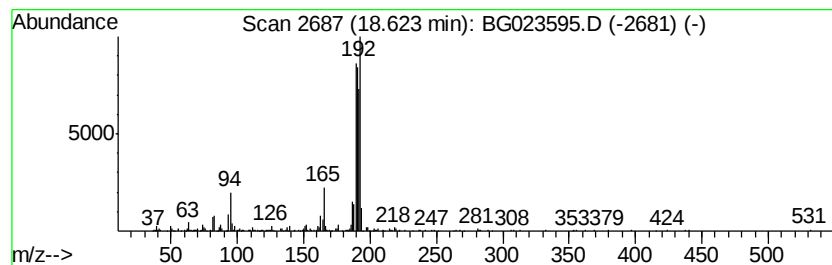
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	3.48 ng/ul	568709	Phenanthrene-d10	17.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	58
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	53
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	53
4		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	53
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023595.D
Acq On : 10 Aug 2016 16:54
Operator : UM/SJ
Sample : H4360-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0206-01

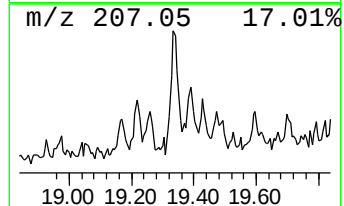
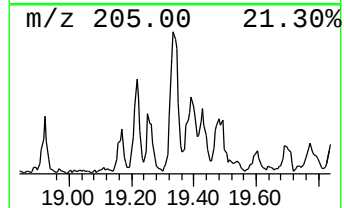
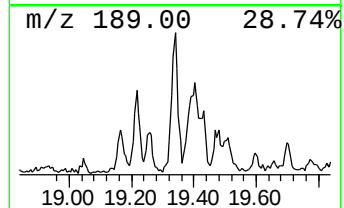
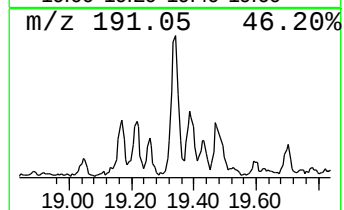
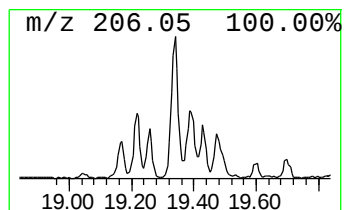
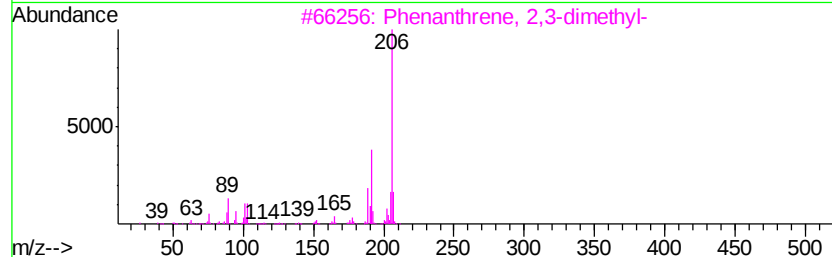
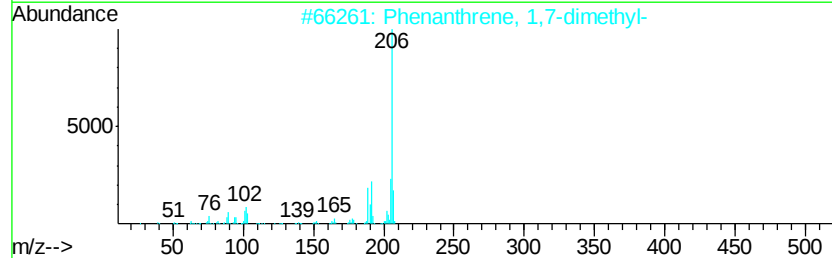
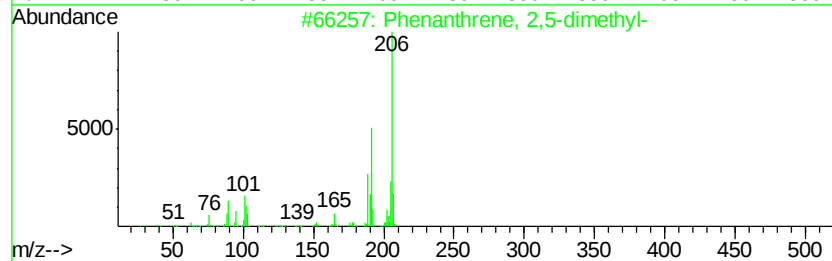
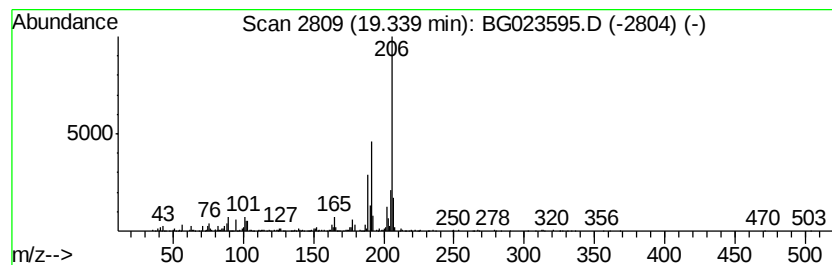
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	3.56 ng/ul	581765	Phenanthrene-d10	17.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023595.D
Acq On : 10 Aug 2016 16:54
Operator : UM/SJ
Sample : H4360-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0206-01

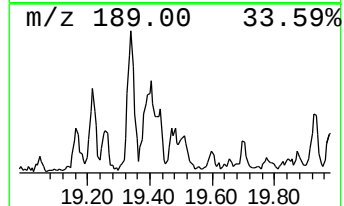
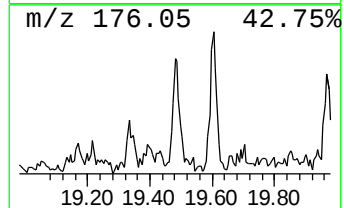
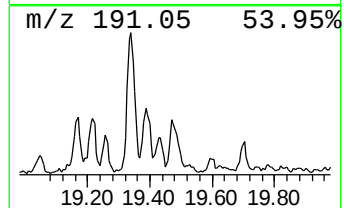
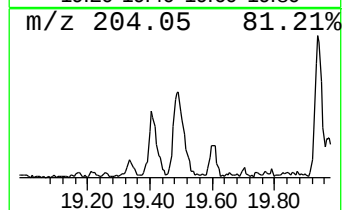
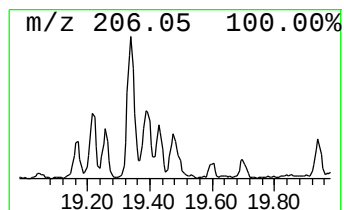
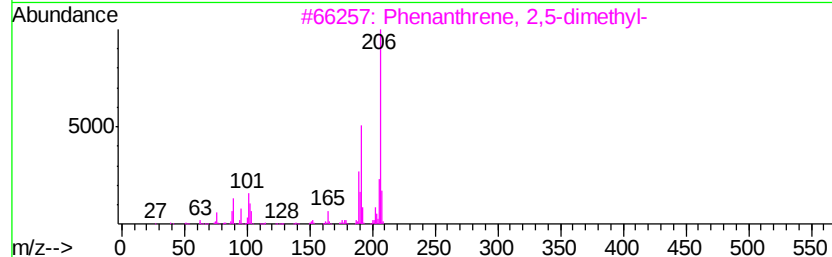
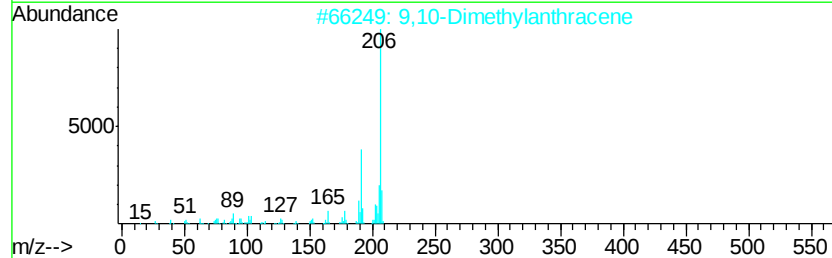
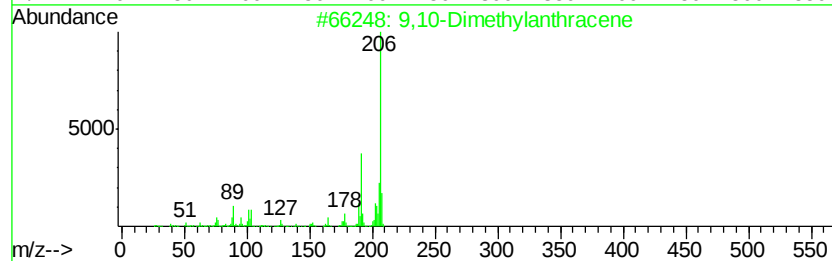
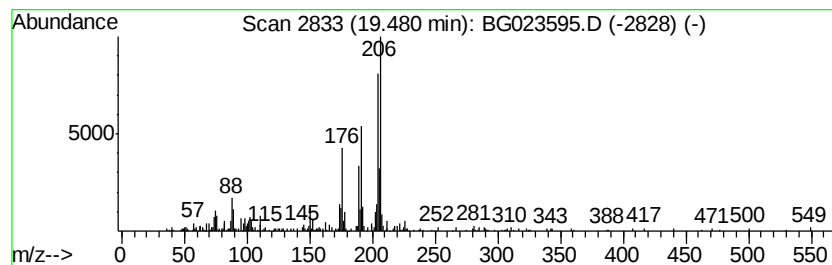
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 9,10-Dimethylantracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.48	2.06 ng/ul	336249	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	70
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	55
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55
4		1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	50
5		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023595.D
Acq On : 10 Aug 2016 16:54
Operator : UM/SJ
Sample : H4360-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS002-0206-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.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
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Anthracene, 1-met...	18.42	4.8	ng/ul	781247	4	17.55	3268810	20.0
Phenanthrene, 2-m...	18.48	3.5	ng/ul	568084	4	17.55	3268810	20.0
1H-Cyclopropa[1]p...	18.62	3.5	ng/ul	568709	4	17.55	3268810	20.0
Phenanthrene, 2,5...	19.34	3.6	ng/ul	581765	4	17.55	3268810	20.0
9,10-Dimethylanth...	19.48	2.1	ng/ul	336249	4	17.55	3268810	20.0