

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012362.D
 Acq On : 21 Oct 2017 17:01
 Operator : SJ/JU
 Sample : I5756-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0CS7

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:59:35 PM

Quant Time: Oct 23 07:16:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 05:01:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	153051	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	697681	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	455036	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1098845	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1331201	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1296806	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	12642	3.93	ng/uL	0.00
5) Phenol-d5	6.94	99	275356	22.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	174843	23.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	244138	23.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	227446	21.27	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	122225	22.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	145087	23.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	270946	22.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	280744	25.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1052234	26.16	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1231494	25.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	90861m	15.03	ng/ul	0.03
57) Fluorene-d10	15.42	176	894999	27.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	118439	15.71	ng/ul	0.00
70) Anthracene-d10	17.27	188	1404844	25.86	ng/ul	0.00
76) Pyrene-d10	19.57	212	1790645	26.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1683013	26.92	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	6.97	94	55456	4.320	ng/ul# 84
44) Dimethylphthalate	13.88	163	277892	6.897	ng/ul 99
69) Phenanthrene	17.21	178	80197	1.283	ng/ul 99
74) Fluoranthene	19.24	202	130185	1.726	ng/ul 97
77) Pyrene	19.59	202	148738	1.692	ng/ul 96
85) Benzo(b)fluoranthene	22.96	252	103170	1.219	ng/ul# 82

(#) = qualifier out of range (m) = manual integration (+) = signals summed

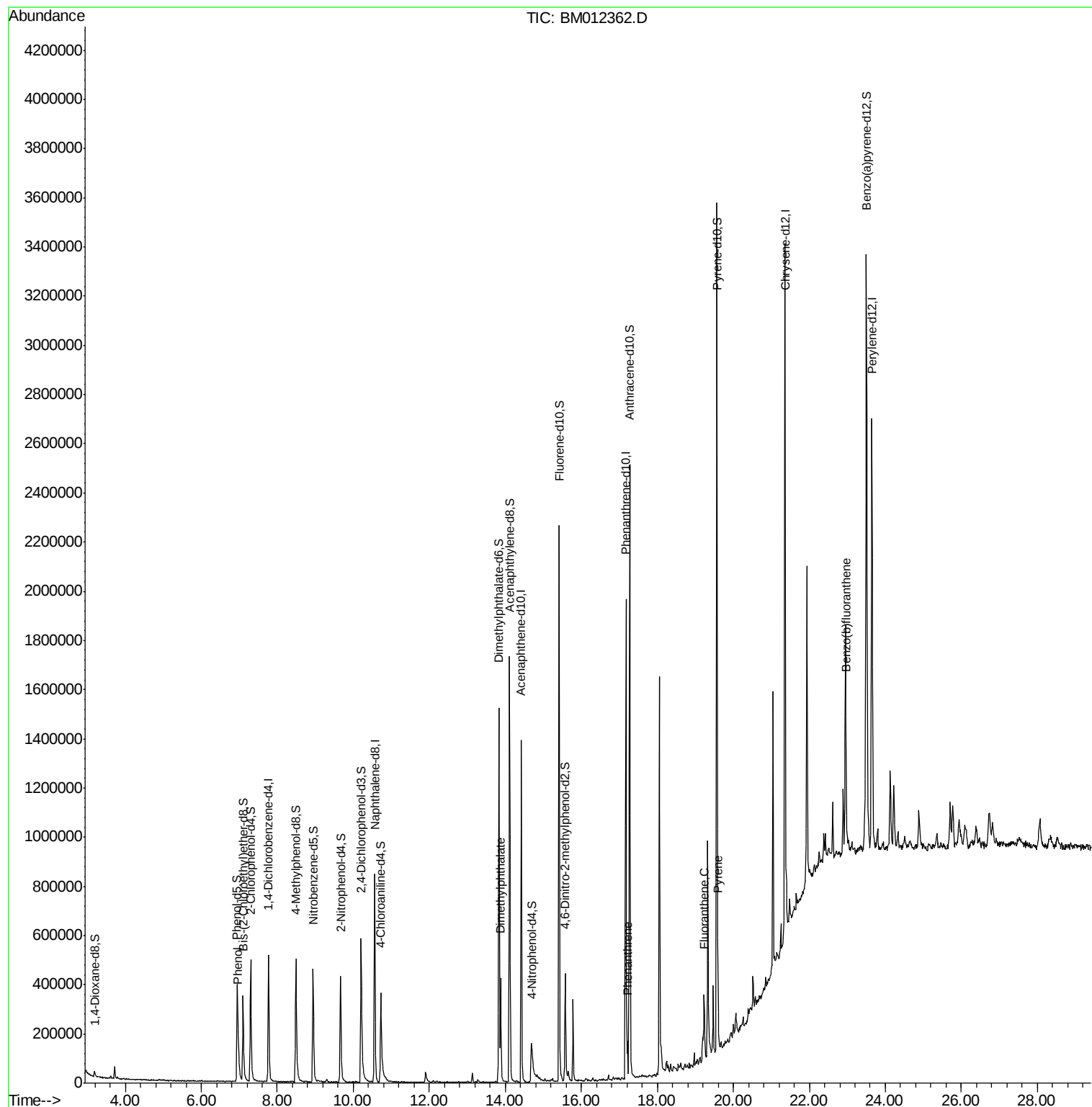
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
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ALS Vial : 14 Sample Multiplier: 1

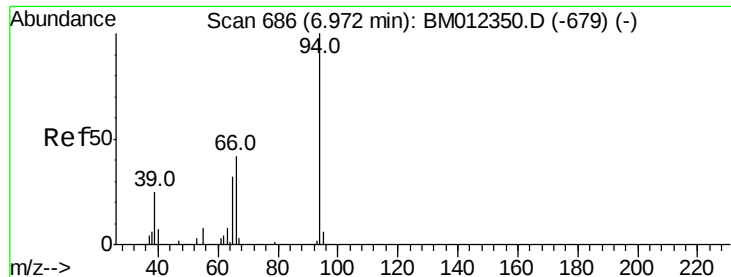
Instrument :
BNA_M
ClientSampled :
B0CS7

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 05:01:01 2017
Response via : Initial Calibration





#6

Phenol

Concen: 4.320 ng/ul

RT: 6.97 min Scan# 686

Delta R.T. -0.00 min

Lab File: BM012362.D

Acq: 21 Oct 2017 17:01

Instrument :

BNA_M

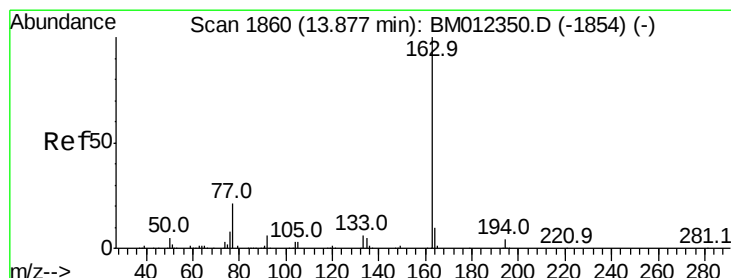
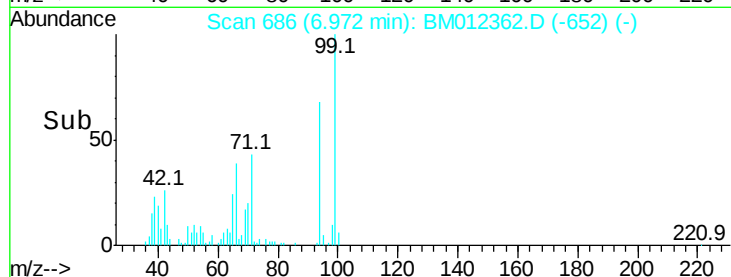
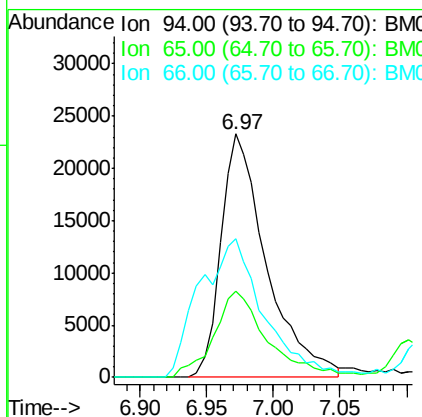
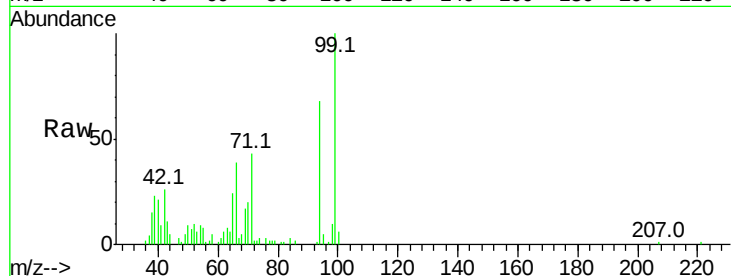
ClientSampled :

B0CS7

Tot Ion:	94	Resp:	55456
Ion Ratio	Lower	Upper	
94	100		
65	35.4	24.4	36.6
66	57.0	35.0	52.4#

Manual Integrations
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#44

Dimethylphthalate

Concen: 6.897 ng/ul

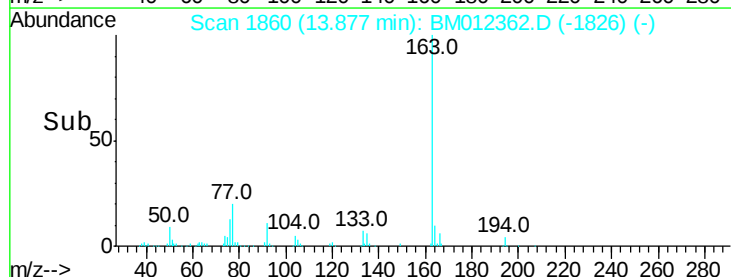
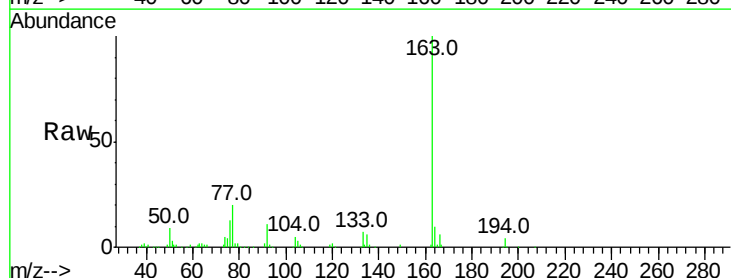
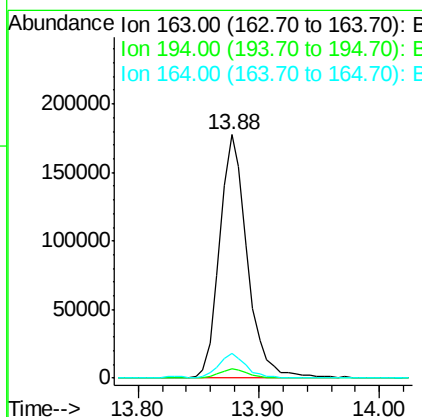
RT: 13.88 min Scan# 1860

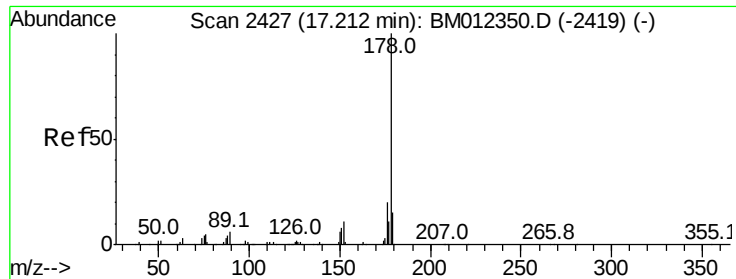
Delta R.T. -0.00 min

Lab File: BM012362.D

Acq: 21 Oct 2017 17:01

Tgt Ion:	163	Resp:	277892
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.7	5.5
164	10.2	8.1	12.1





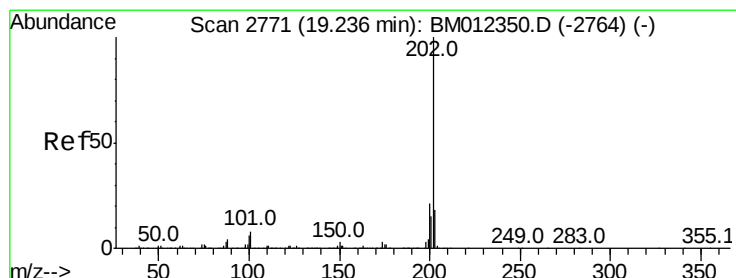
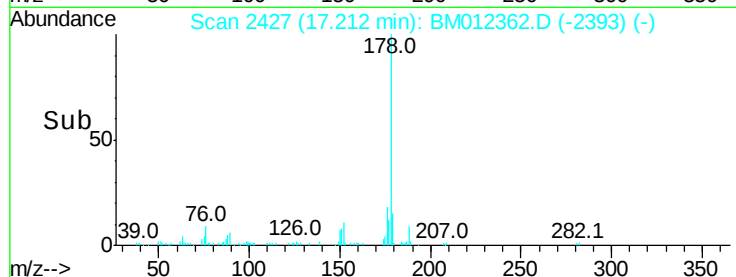
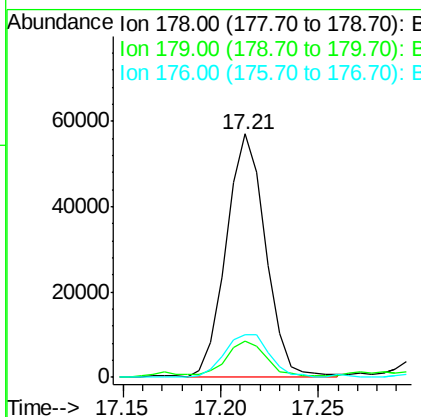
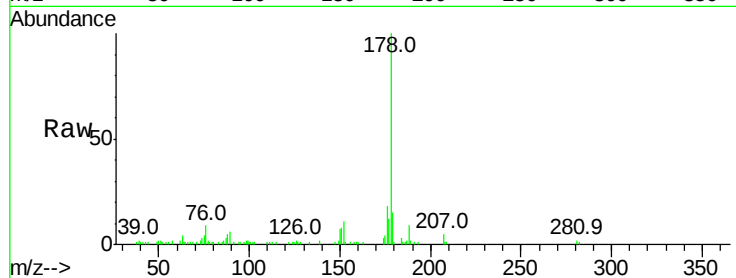
#69
Phenanthrene
Concen: 1.283 ng/ul
RT: 17.21 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BM012362.D
Acq: 21 Oct 2017 17:01

Instrument :
BNA_M
ClientSampleId :
B0CS7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.0	18.0
176	17.8	15.0	22.6

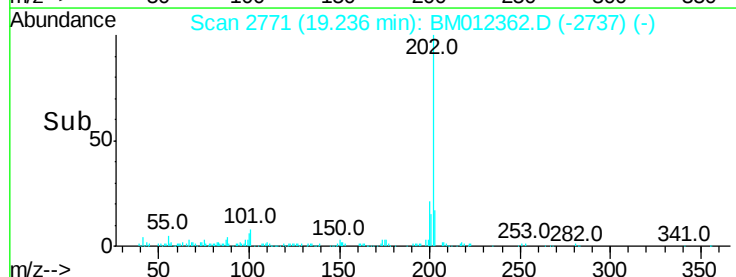
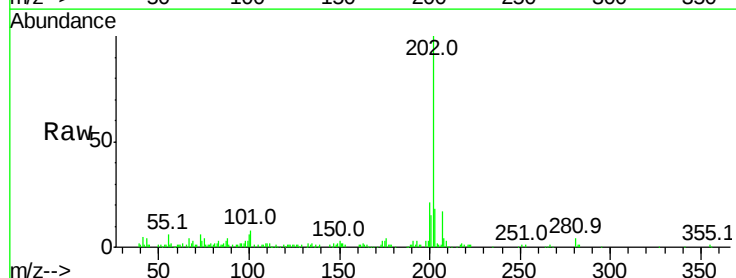
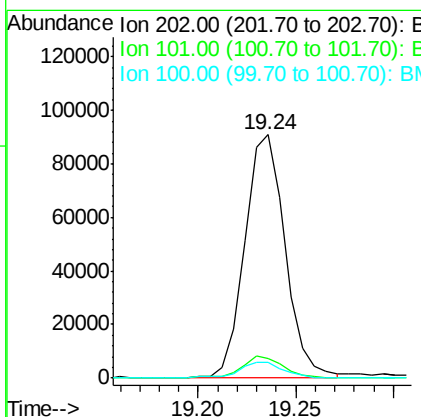
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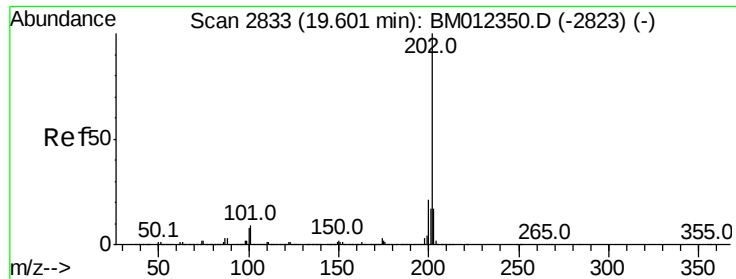
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#74
Fluoranthene
Concen: 1.726 ng/ul
RT: 19.24 min Scan# 2771
Delta R.T. -0.00 min
Lab File: BM012362.D
Acq: 21 Oct 2017 17:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	5.8	8.6
100	6.4	4.3	6.5





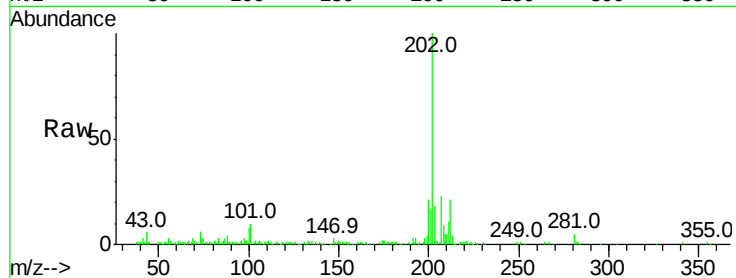
#77
Pvrene
Concen: 1.692 ng/ul
RT: 19.59 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BM012362.D
Acq: 21 Oct 2017 17:01

Instrument :
BNA_M
ClientSampleId :
B0CS7

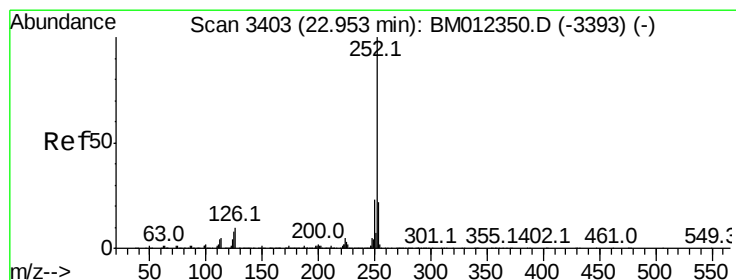
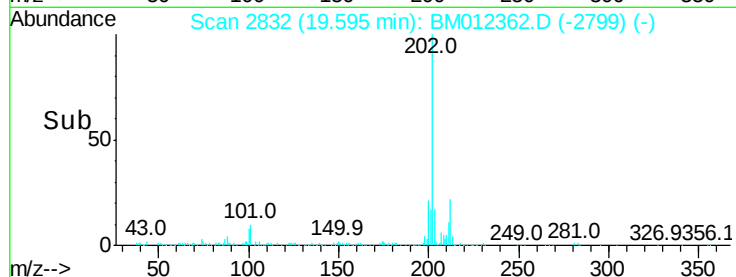
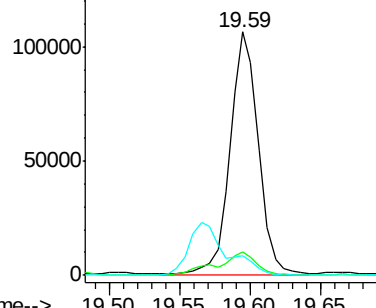
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	6.5	9.7
100	8.0	5.6	8.4

Manual Integrations
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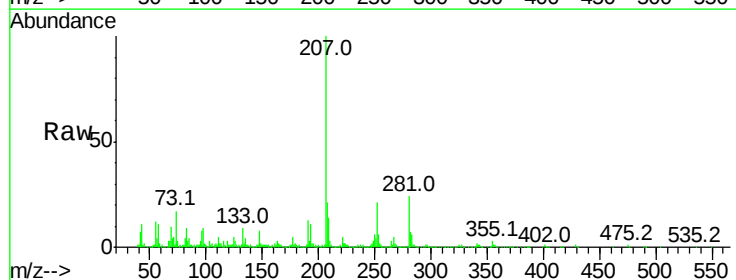


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#85
Benzo(b)fluoranthene
Concen: 1.219 ng/ul
RT: 22.96 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BM012362.D
Acq: 21 Oct 2017 17:01

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	26.7	17.4	26.2#
125	21.6	5.1	7.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

