

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
 Data File : BM005667.D
 Acq On : 06 Jun 2016 13:25
 Operator : UM/SJ
 Sample : H3412-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XT1

Manual Integrations
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Quant Time: Jun 07 04:37:26 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 07 04:25:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	112125	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	492433	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	245710	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	471269	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	438808	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	459530	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.22	96	2718	1.02	ng/uL	0.00
3) Phenol-d5	6.94	99	85682	8.69	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	69650	11.61	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	81973	10.08	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	40093	5.14	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	40899	10.82	ng/ul	0.00
9) 2-Nitrophenol-d4	9.64	143	41707	10.31	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	70312	9.78	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	84438	9.88	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	226920	12.01	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	286411	11.66	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	12577	4.65	ng/ul	0.00
21) Fluorene-d10	15.39	176	194831	12.01	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	10761	4.85	ng/ul	0.00
26) Anthracene-d10	17.24	188	267303	11.94	ng/ul	0.00
30) Pyrene-d10	19.53	212	283507	12.85	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	262230	12.40	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.19	178	102760	3.95	ng/ul	98
28) Fluoranthene	19.20	202	188917	7.11	ng/ul	99
31) Pyrene	19.56	202	155342	5.61	ng/ul	98
32) Benzo(a)anthracene	21.31	228	87567	3.40	ng/ul	98
33) Chrysene	21.36	228	79437	3.27	ng/ul	95
35) Benzo(b)fluoranthene	22.91	252	121646	4.39	ng/ul	98
36) Benzo(k)fluoranthene	22.95	252	37993m	1.46	ng/ul	
38) Benzo(a)pyrene	23.49	252	80138	3.00	ng/ul#	97
39) Indeno(1,2,3-cd)pyrene	25.87	276	60761	1.93	ng/ul	96
41) Benzo(g,h,i)perylene	26.57	276	61495	2.32	ng/ul#	92

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

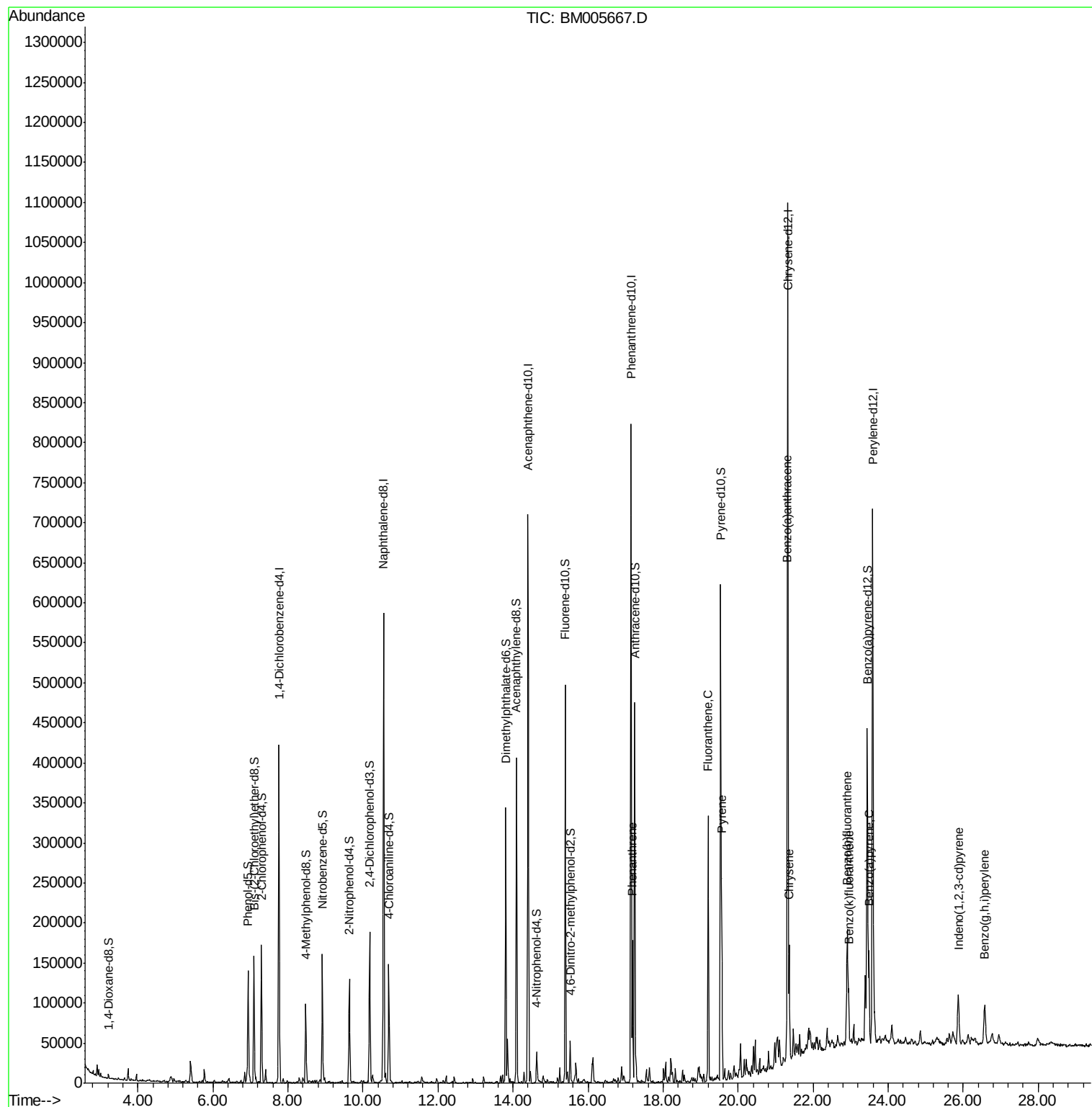
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005667.D
Acq On : 06 Jun 2016 13:25
Operator : UM/SJ
Sample : H3412-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

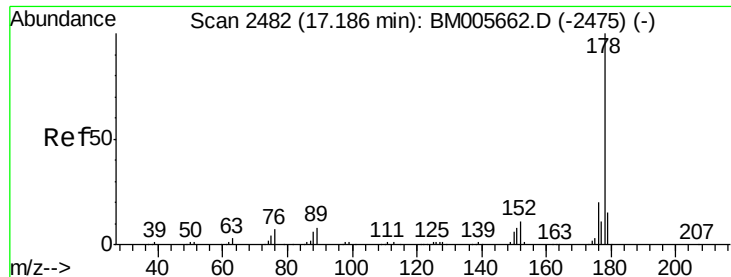
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
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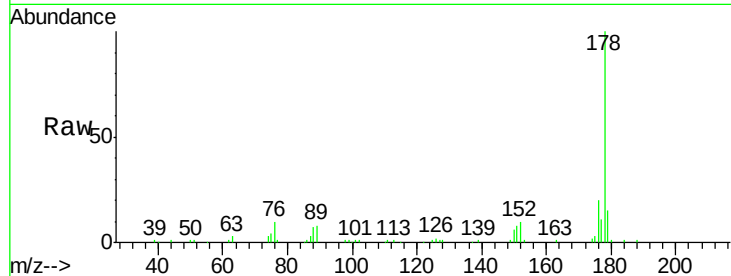
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Phenanthrene
Concen: 3.95 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BM005667.D
Acq: 06 Jun 2016 13:25

Instrument :
BNA_M
ClientSampleId :
D9XT1

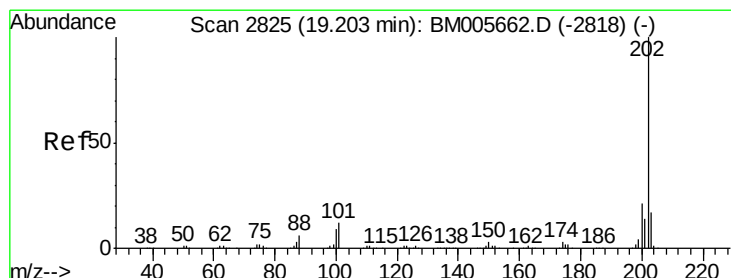
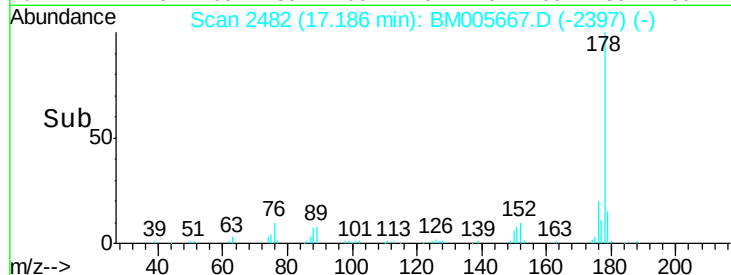
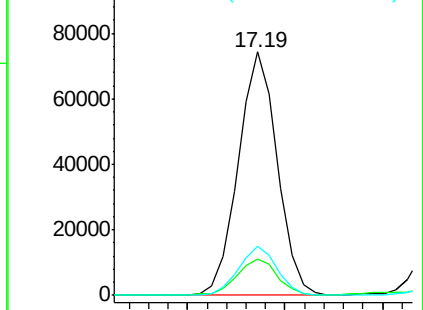
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	102760		
179	14.9		11.8	17.8
176	20.1		14.8	22.2

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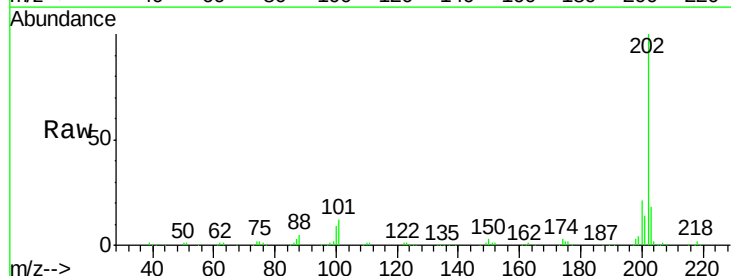


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

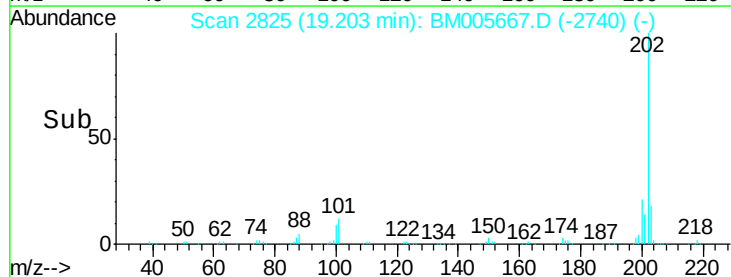
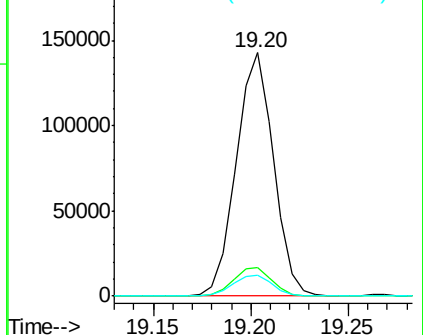


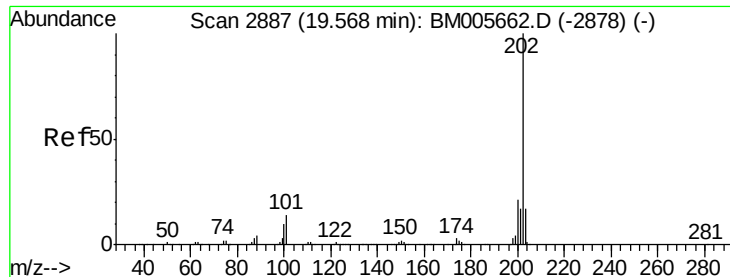
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Fluoranthene
Concen: 7.11 ng/ul
RT: 19.20 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM005667.D
Acq: 06 Jun 2016 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	188917		
101	11.8		8.9	13.3
100	8.8		7.0	10.4



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





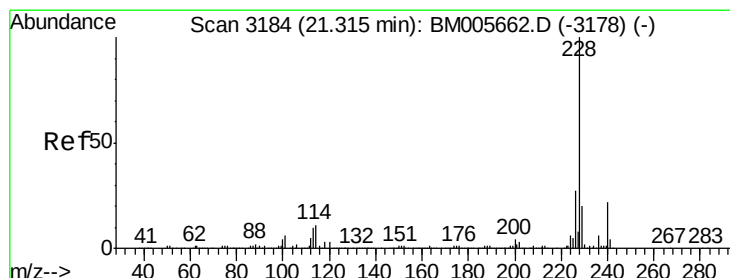
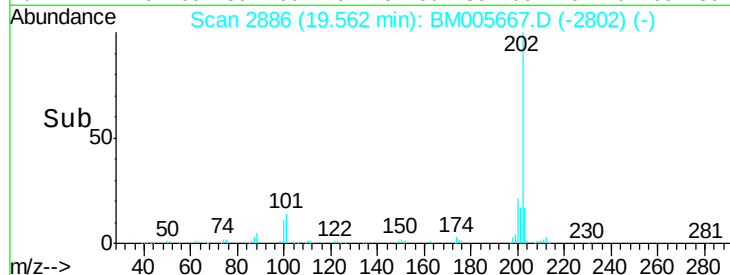
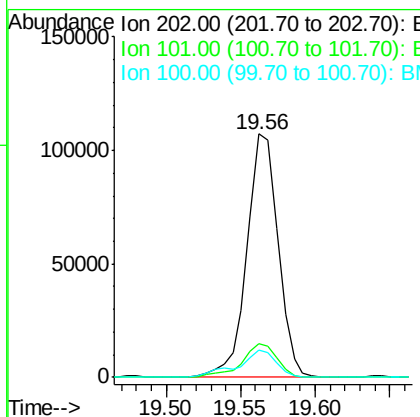
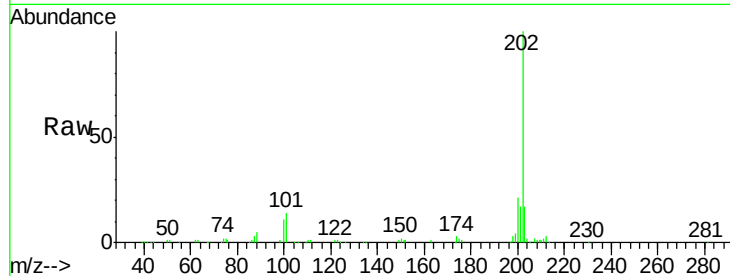
#31
Pyrene
Concen: 5.61 ng/ul
RT: 19.56 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BM005667.D
Acq: 06 Jun 2016 13:25

Instrument :
BNA_M
ClientSampled :
D9XT1

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	155342		
101	14.1	9.8	14.8	
100	11.4	9.3	13.9	

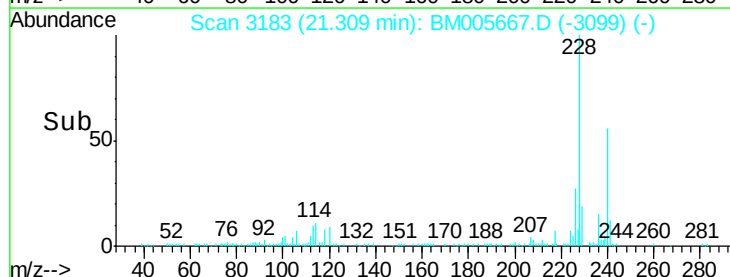
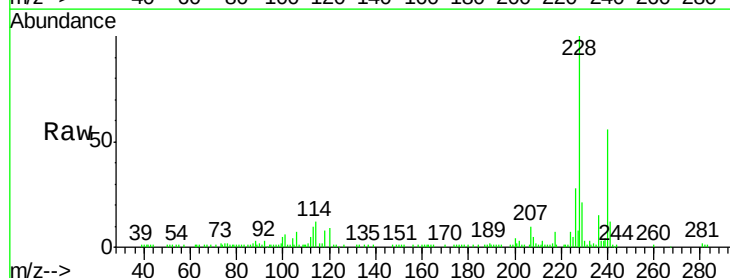
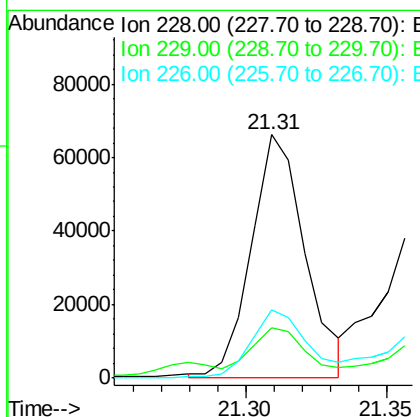
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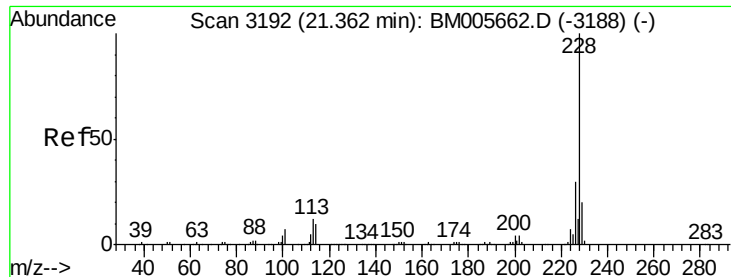
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#32
Benzo(a)anthracene
Concen: 3.40 ng/ul
RT: 21.31 min Scan# 3183
Delta R.T. -0.01 min
Lab File: BM005667.D
Acq: 06 Jun 2016 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	87567		
229	20.7	16.6	25.0	
226	27.8	21.0	31.4	





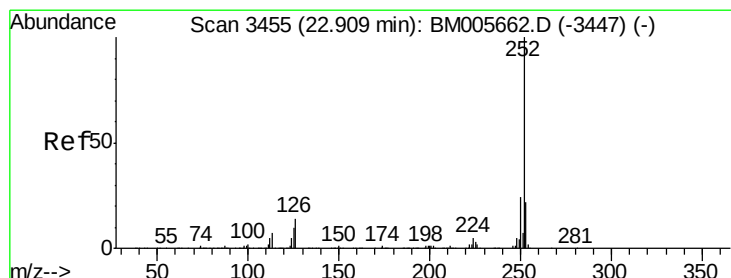
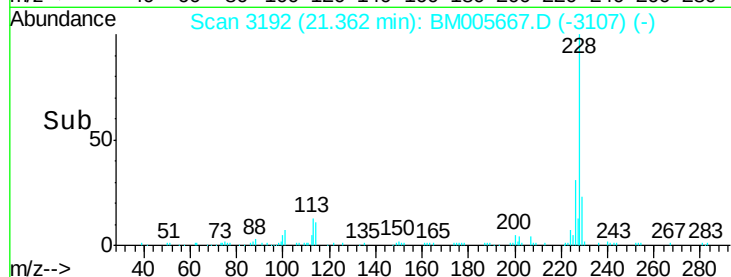
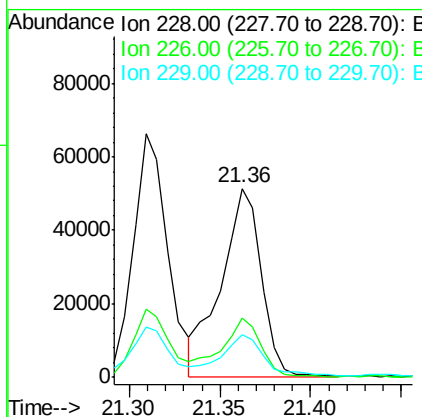
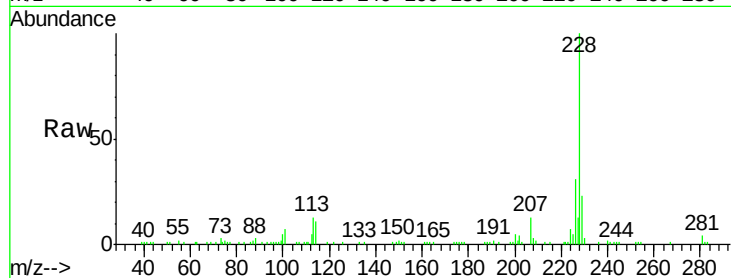
#33
Chrysene
Concen: 3.27 ng/ul
RT: 21.36 min Scan# 3192
Delta R.T. 0.00 min
Lab File: BM005667.D
Acq: 06 Jun 2016 13:25

Instrument :
BNA_M
ClientSampleId :
D9XT1

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.2
229	22.7	16.2	24.2

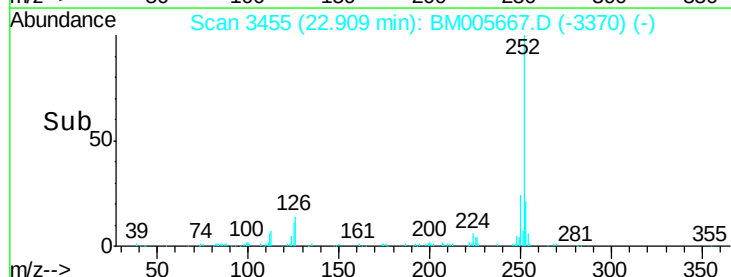
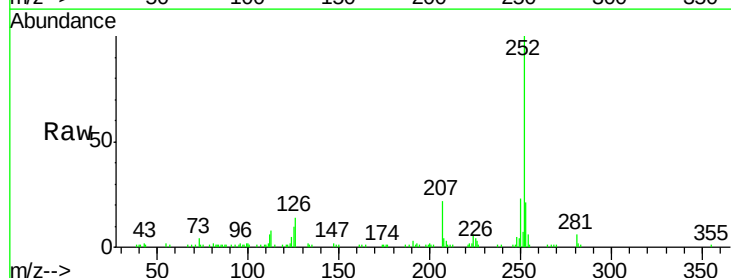
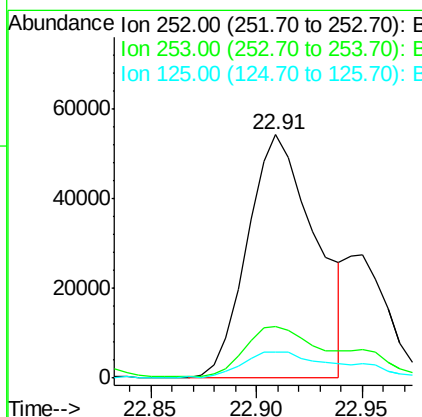
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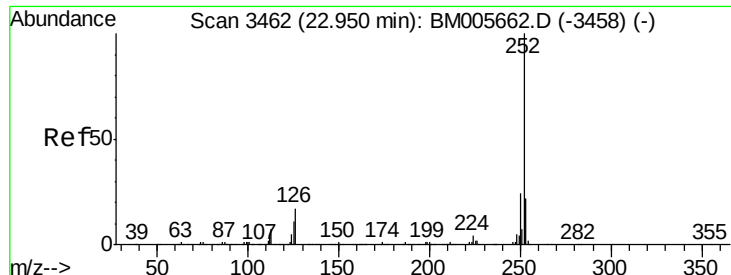
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#35
Benzo(b)fluoranthene
Concen: 4.39 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. 0.00 min
Lab File: BM005667.D
Acq: 06 Jun 2016 13:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	10.5	7.6	11.4





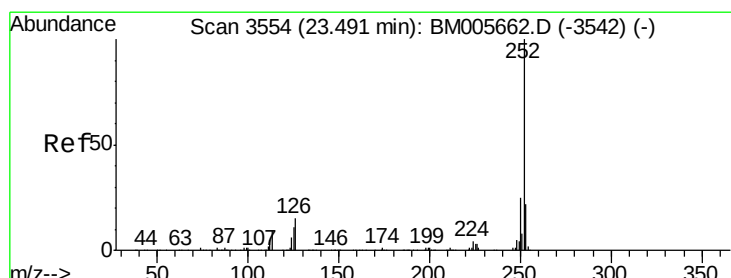
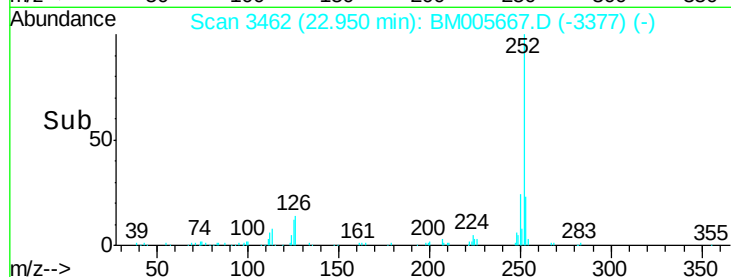
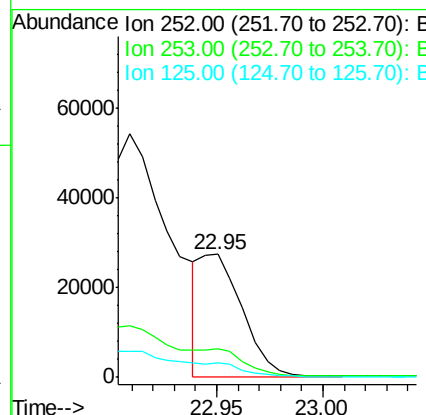
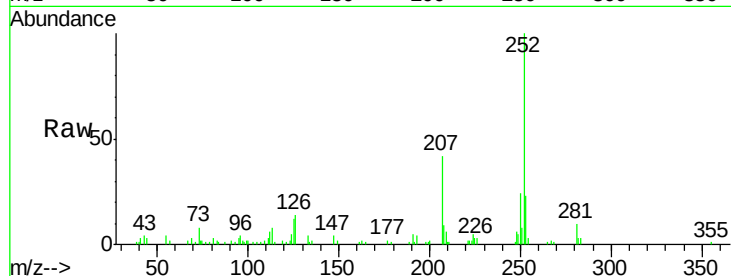
#36
Benzo(k)fluoranthene
Concen: 1.46 ng/ul m
RT: 22.95 min Scan# 3462
Delta R.T. 0.00 min
Lab File: BM005667.D
Acq: 06 Jun 2016 13:25

Instrument :
BNA_M
ClientSampled :
D9XT1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.8
125	11.7	7.7	11.5#

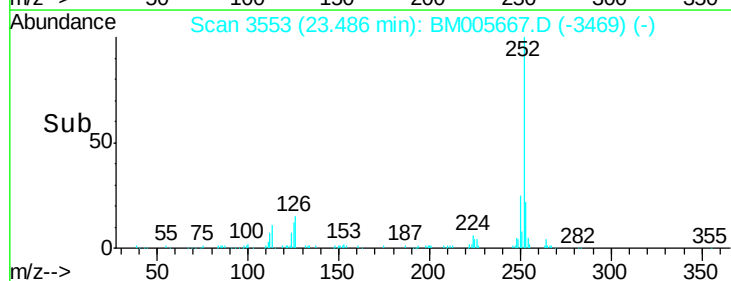
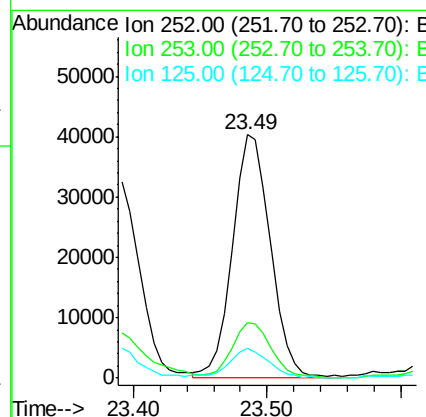
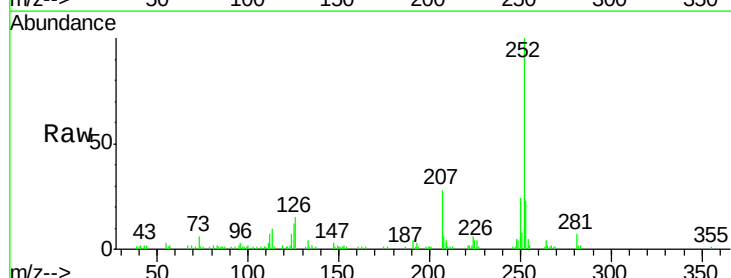
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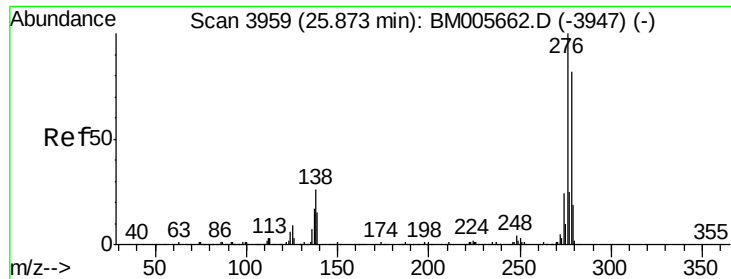
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#38
Benzo(a)pyrene
Concen: 3.00 ng/ul
RT: 23.49 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BM005667.D
Acq: 06 Jun 2016 13:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	12.3	8.2	12.2#





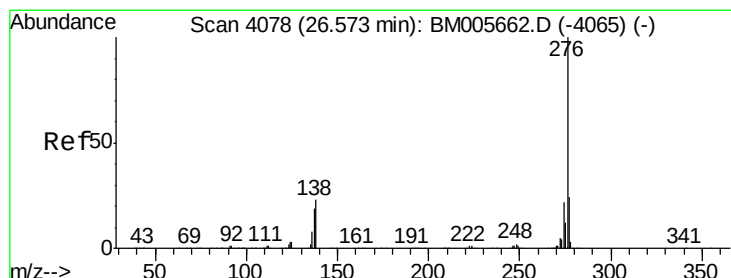
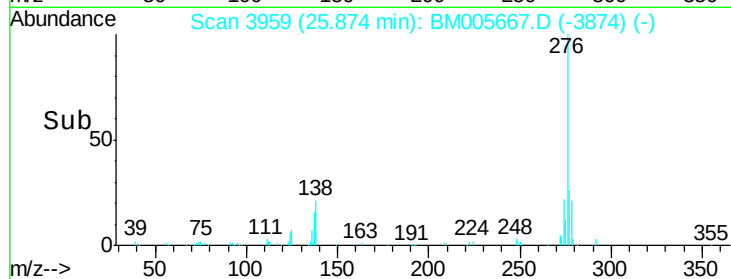
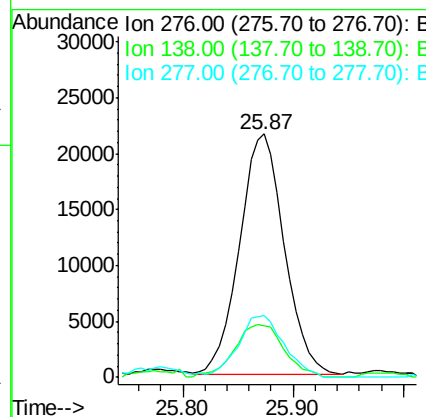
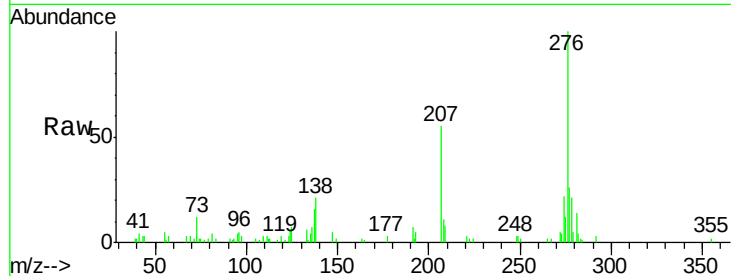
#39
 Indeno(1,2,3-cd)pyrene
 Concen: 1.93 ng/ul
 RT: 25.87 min Scan# 3959
 Delta R.T. 0.00 min
 Lab File: BM005667.D
 Acq: 06 Jun 2016 13:25

Instrument :
 BNA_M
 ClientSampled :
 D9XT1

Tgt Ion:	276	Resp:	60761
Ion Ratio	Lower	Upper	
276	100		
138	21.4	15.8	23.6
277	25.6	19.0	28.6

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#41
 Benzo(g,h,i)perylene
 Concen: 2.32 ng/ul
 RT: 26.57 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: BM005667.D
 Acq: 06 Jun 2016 13:25

Tgt Ion:	276	Resp:	61495
Ion Ratio	Lower	Upper	
276	100		
138	23.4	13.9	20.9#
277	23.0	19.8	29.6

