

Data Path : Z:\HPCHEM1\BNA M\DATA\BM060716\
 Data File : BM005699.D
 Acq On : 07 Jun 2016 19:12
 Operator : UM/SJ
 Sample : H3411-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XR6

Manual Integrations
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Quant Time: Jun 08 01:50:02 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM060216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 08 01:24:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	138008	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	675875	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	386898	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	842792	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	725572	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	590784	20.00	ng/ul	-0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.20	96	3663	1.12	ng/uL	0.00
3) Phenol-d5	6.93	99	126445	10.42	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	105354	14.27	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	122439	12.23	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	69785	7.27	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	72337	13.94	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	78219	14.08	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	117187	11.87	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	94027	8.02	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	422281	14.20	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	554380	14.33	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	18577m	4.36	ng/ul	0.00
21) Fluorene-d10	15.39	176	383527	15.01	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	27693	6.98	ng/ul	0.00
26) Anthracene-d10	17.24	188	568619	14.21	ng/ul	0.00
30) Pyrene-d10	19.54	212	593775	16.28	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	376256	13.84	ng/ul	0.00

Target Compounds

						Ovalue
25) Phenanthrene	17.19	178	179924	3.87	ng/ul	98
28) Fluoranthene	19.20	202	430835	9.06	ng/ul	99
31) Pyrene	19.57	202	391008	8.54	ng/ul	98
32) Benzo(a)anthracene	21.31	228	217131	5.10	ng/ul	96
33) Chrysene	21.36	228	232260	5.78	ng/ul	96
35) Benzo(b)fluoranthene	22.91	252	333829	9.37	ng/ul	98
36) Benzo(k)fluoranthene	22.94	252	95940m	2.87	ng/ul	
38) Benzo(a)pyrene	23.49	252	181968	5.31	ng/ul#	97
39) Indeno(1,2,3-cd)pyrene	25.87	276	131292	3.24	ng/ul	95
40) Dibenzo(a,h)anthracene	25.87	278	36568	1.07	ng/ul#	85
41) Benzo(g,h,i)perylene	26.58	276	111074	3.26	ng/ul#	92

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

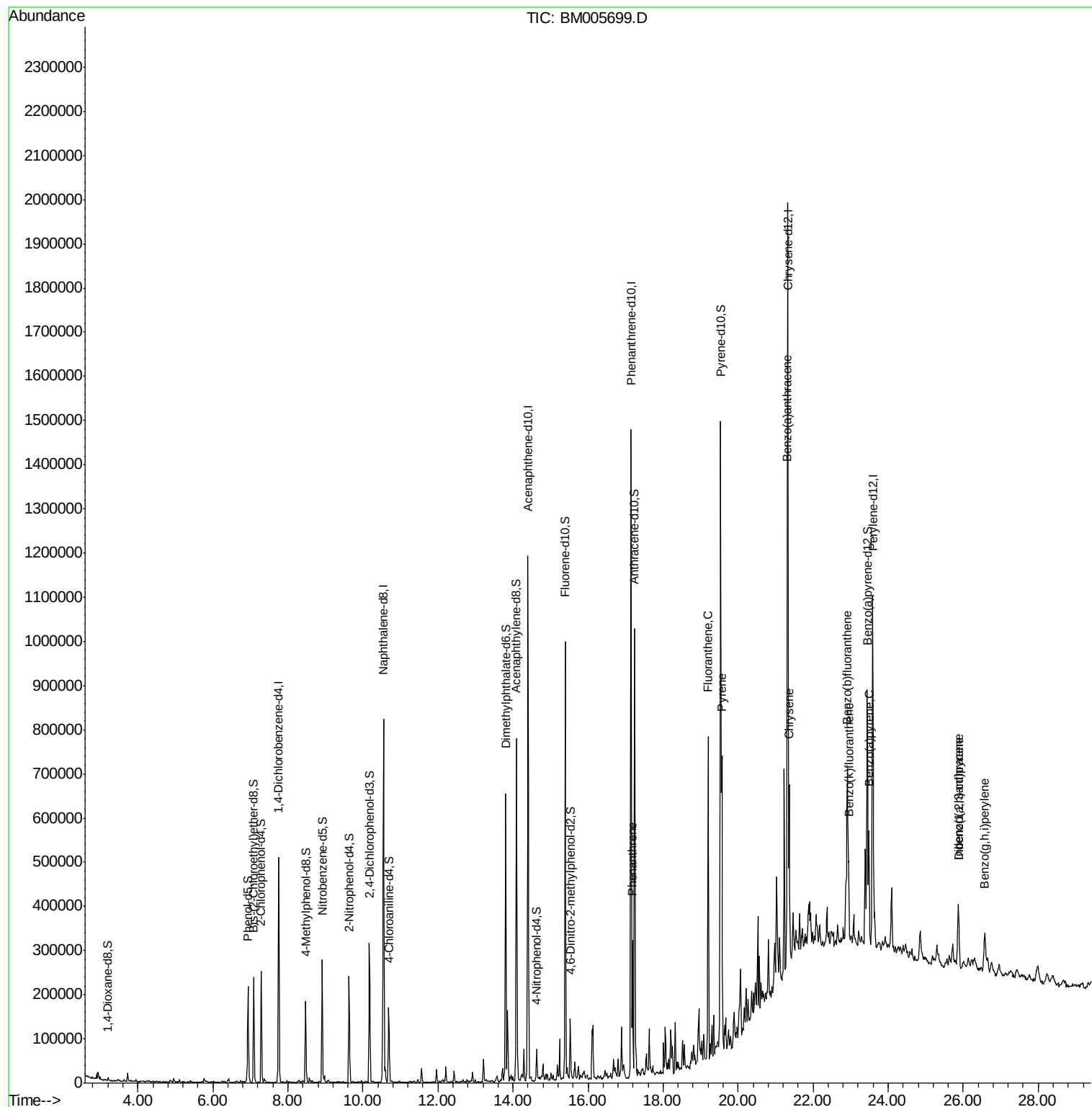
Data Path : Z:\HPCHEM1\BNA M\DATA\BM060716\
Data File : BM005699.D
Acq On : 07 Jun 2016 19:12
Operator : UM/SJ
Sample : H3411-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

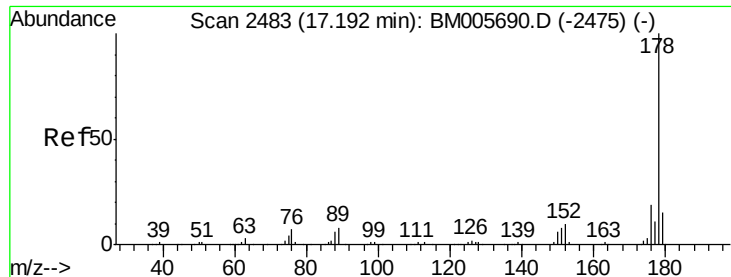
Instrument :
BNA_M
ClientSampleId :
D9XR6

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Quant Time: Jun 08 01:50:02 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM060216.M
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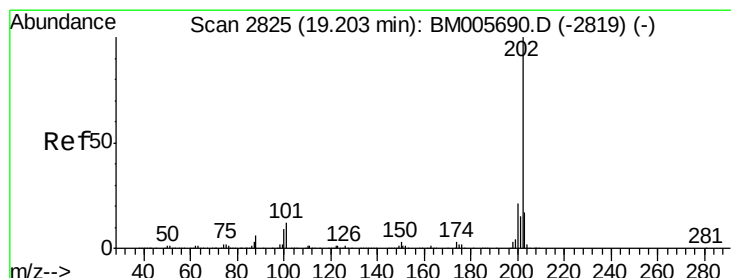
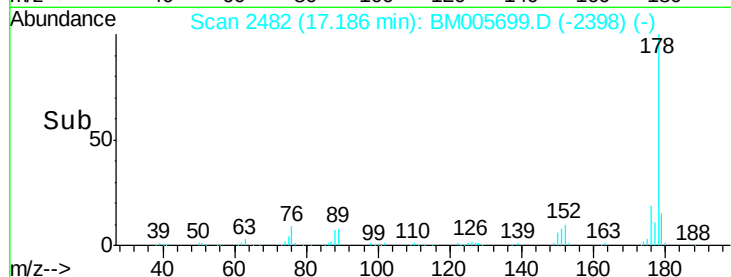
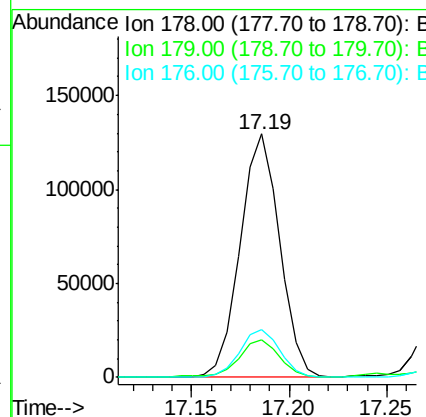
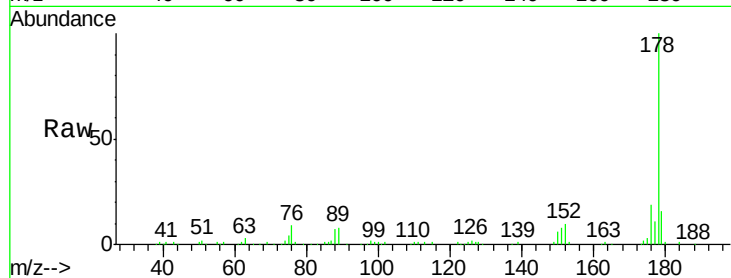
#25
Phenanthrene
Concen: 3.87 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BM005699.D
Acq: 07 Jun 2016 19:12

Instrument :
BNA_M
ClientSampleId :
D9XR6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.8
176	19.5	14.8	22.2

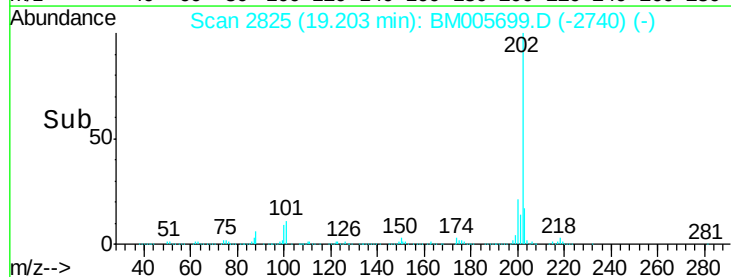
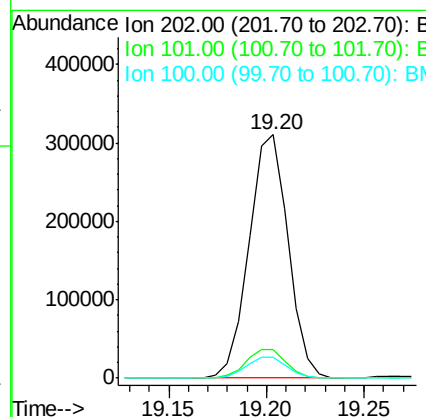
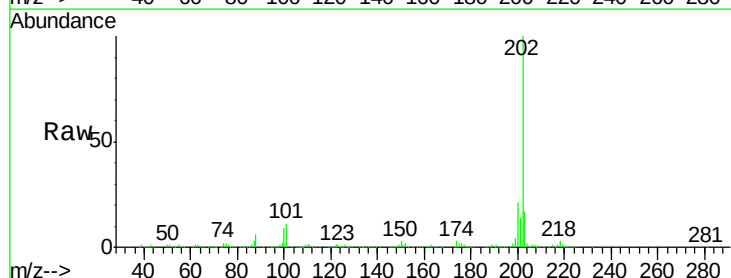
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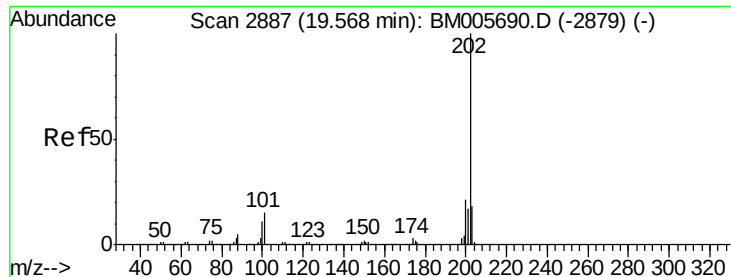
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#28
Fluoranthene
Concen: 9.06 ng/ul
RT: 19.20 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM005699.D
Acq: 07 Jun 2016 19:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.9	13.3
100	8.6	7.0	10.4





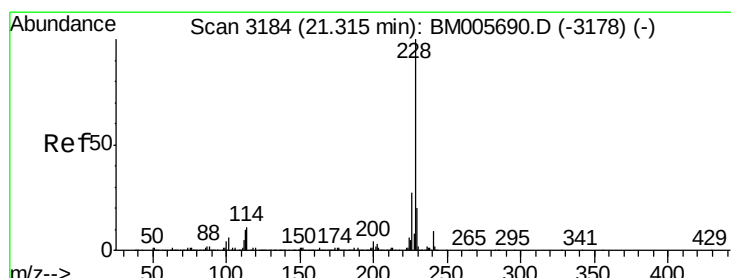
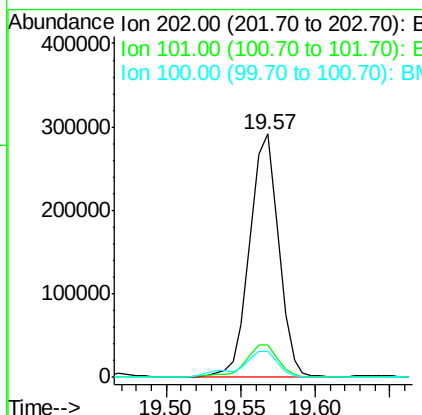
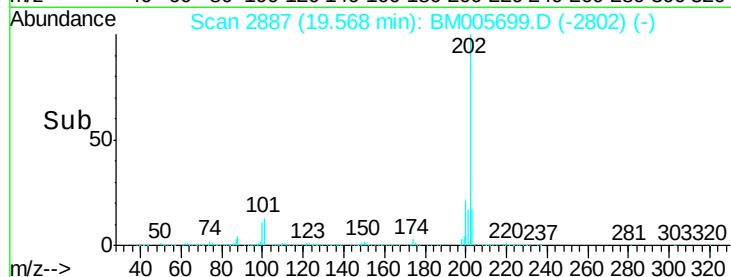
#31
Pvrene
Concen: 8.54 ng/ul
RT: 19.57 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM005699.D
Acq: 07 Jun 2016 19:12

Instrument :
BNA_M
ClientSampleId :
D9XR6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.1	9.8	14.8
100	10.6	9.3	13.9

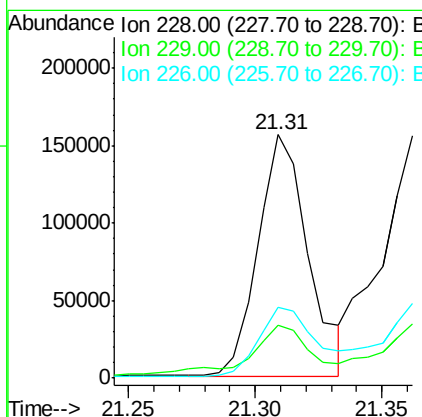
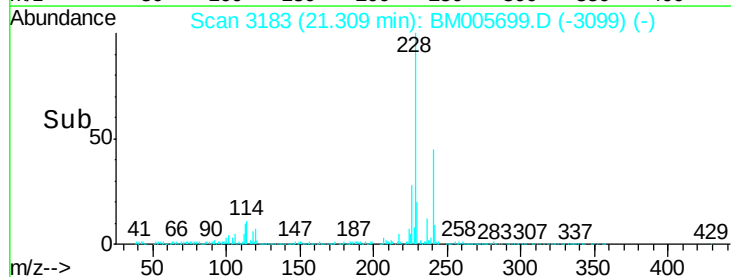
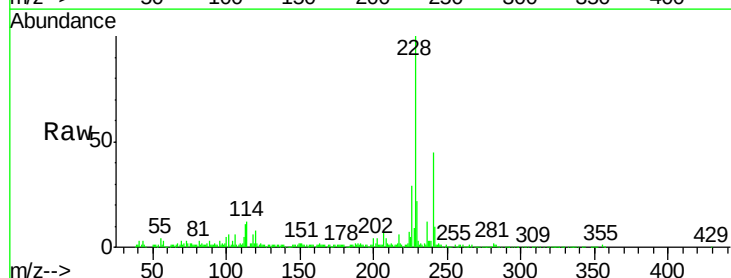
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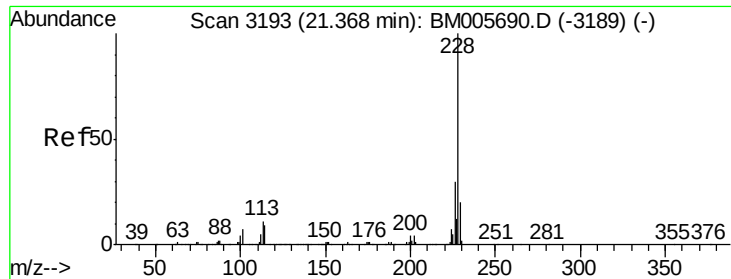
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#32
Benzo(a)anthracene
Concen: 5.10 ng/ul
RT: 21.31 min Scan# 3183
Delta R.T. -0.01 min
Lab File: BM005699.D
Acq: 07 Jun 2016 19:12

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.9	16.6	25.0
226	28.9	21.0	31.4





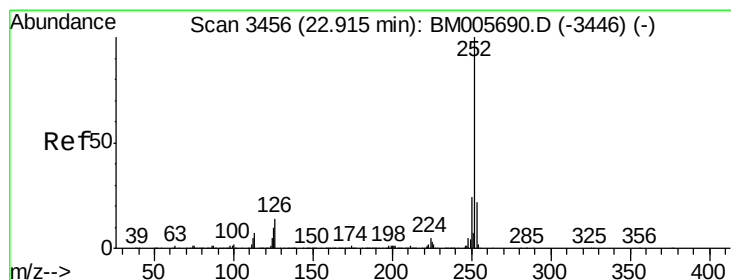
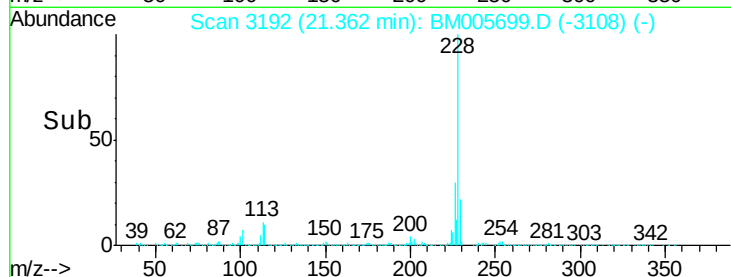
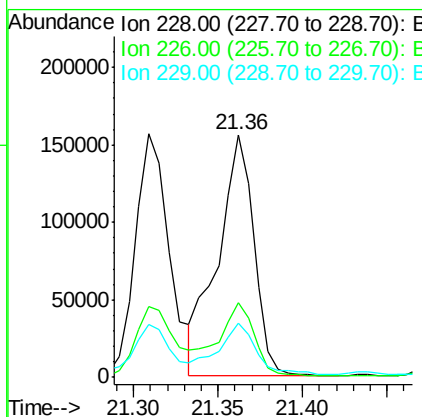
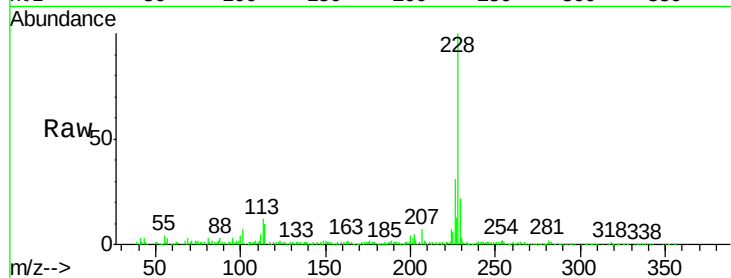
#33
Chrysene
Concen: 5.78 ng/ul
RT: 21.36 min Scan# 3192
Delta R.T. -0.01 min
Lab File: BM005699.D
Acq: 07 Jun 2016 19:12

Instrument :
BNA_M
ClientSampled :
D9XR6

Tot Ion:	228	Resp:	232260
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.4	35.2
229	22.4	16.2	24.2

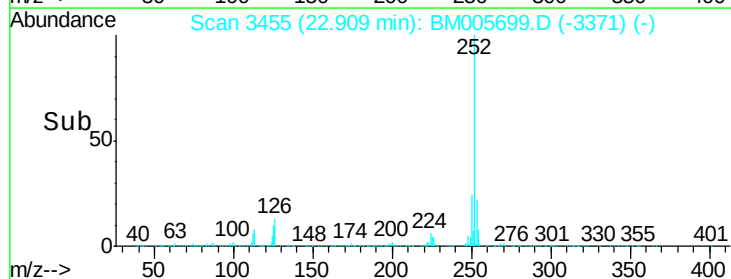
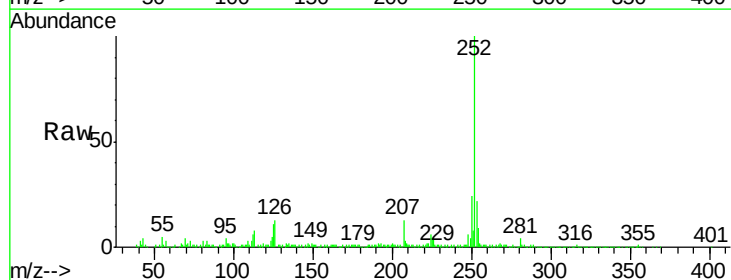
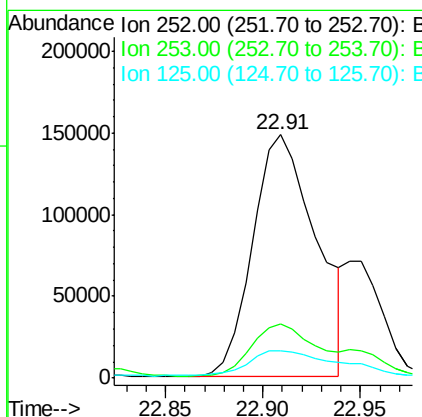
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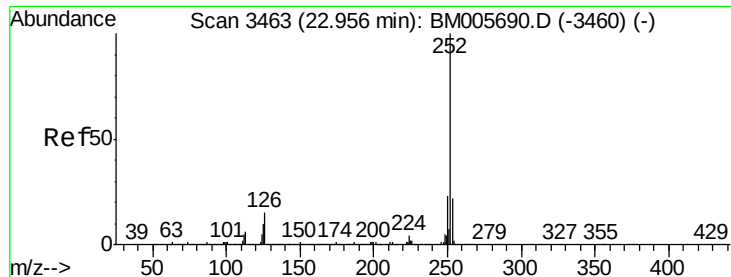
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#35
Benzo(b)fluoranthene
Concen: 9.37 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM005699.D
Acq: 07 Jun 2016 19:12

Tgt Ion:	252	Resp:	333829
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.1	27.1
125	11.0	7.6	11.4





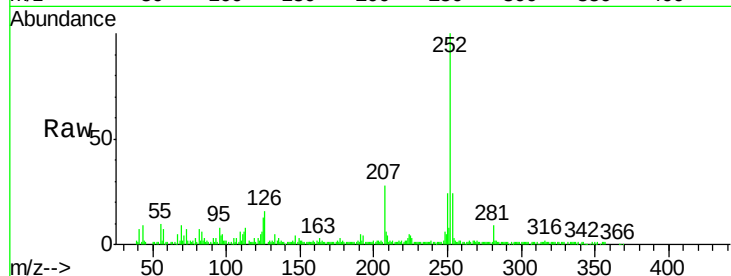
#36
Benzo(k)fluoranthene
Concen: 2.87 ng/ul m
RT: 22.94 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BM005699.D
Acq: 07 Jun 2016 19:12

Instrument :
BNA_M
ClientSampleId :
D9XR6

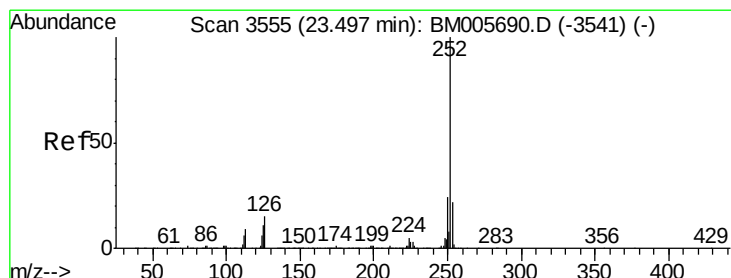
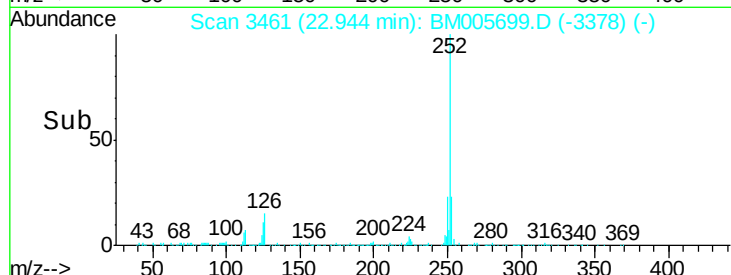
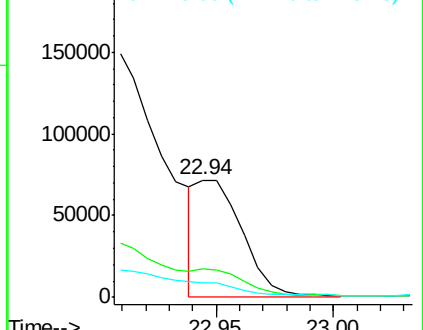
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	12.6	7.7	11.5#

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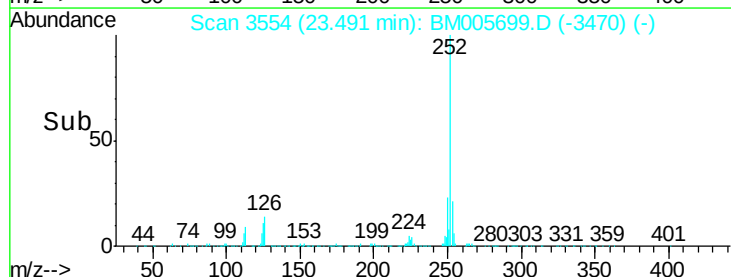
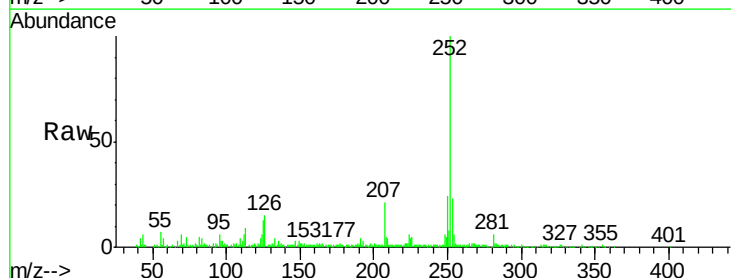
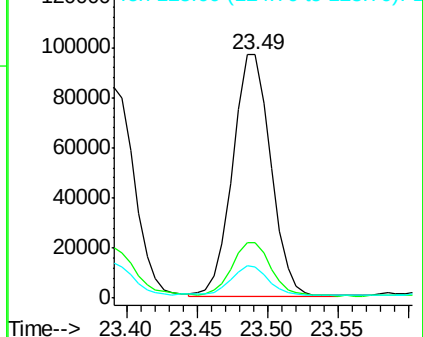
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

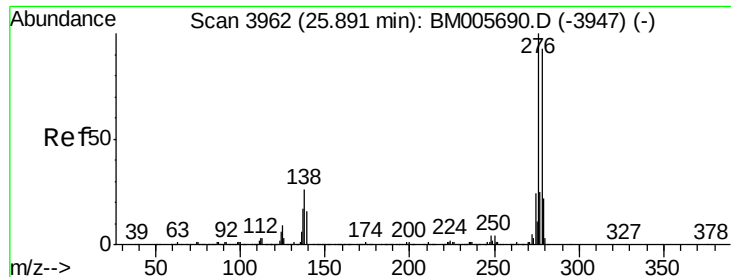


#38
Benzo(a)pyrene
Concen: 5.31 ng/ul
RT: 23.49 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BM005699.D
Acq: 07 Jun 2016 19:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	12.6	8.2	12.2#

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





#39

Indeno(1,2,3-cd)pyrene

Concen: 3.24 ng/ul

RT: 25.87 min Scan# 3959

Delta R.T. -0.02 min

Lab File: BM005699.D

Acq: 07 Jun 2016 19:12

Instrument :

BNA_M

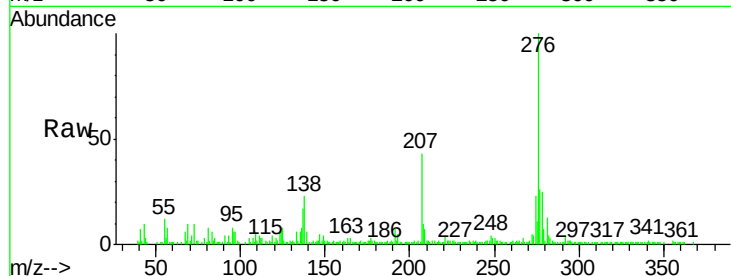
ClientSampleId :

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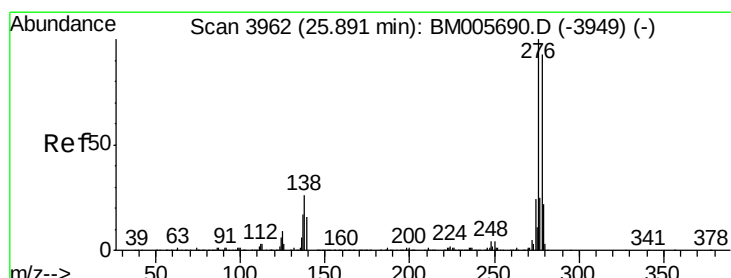
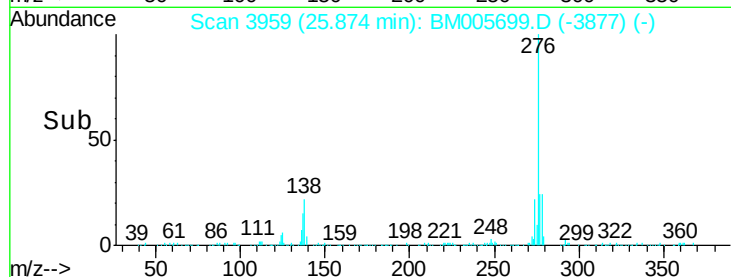
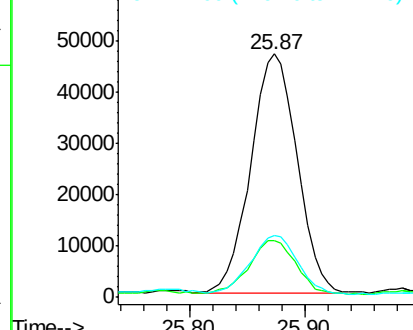
Tot Ion:	276	Resp:	131292
Ion Ratio		Lower	Upper
276	100		
138	23.1	15.8	23.6
277	25.6	19.0	28.6

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#40

Dibenzo(a,h)anthracene

Concen: 1.07 ng/ul

RT: 25.87 min Scan# 3959

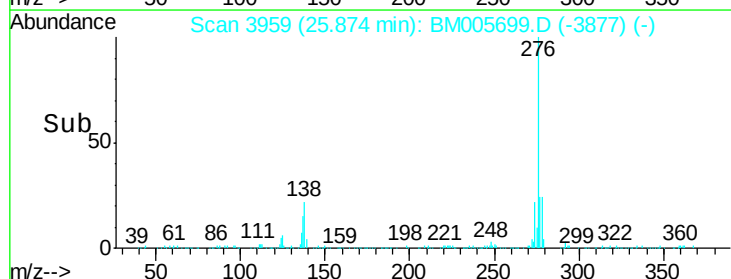
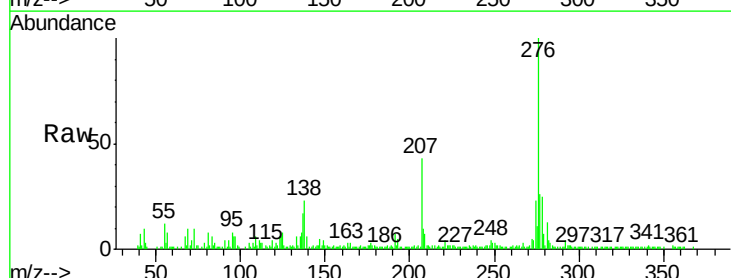
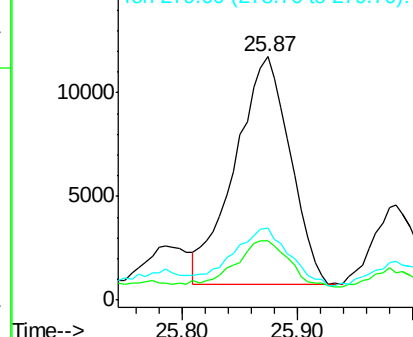
Delta R.T. -0.02 min

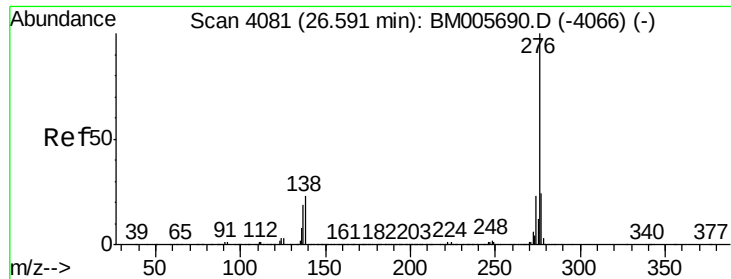
Lab File: BM005699.D

Acq: 07 Jun 2016 19:12

Tgt Ion:	278	Resp:	36568
Ion Ratio		Lower	Upper
278	100		
139	24.5	12.1	18.1#
279	29.8	19.8	29.8#

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#41
 Benzo(a,h,i)perylene
 Concen: 3.26 ng/ul
 RT: 26.58 min Scan# 4079
 Delta R.T. -0.01 min
 Lab File: BM005699.D
 Acq: 07 Jun 2016 19:12

Instrument :
 BNA_M
 ClientSampleId :
 D9XR6

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	13.9	20.9#
277	23.6	19.8	29.6

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