

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007096.D
 Acq On : 14 Aug 2016 08:00
 Operator : UM/SJ
 Sample : H4387-02
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS001-2430-01

Manual Integrations
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 8/15/2016 6:55:51 PM

Quant Time: Aug 15 13:45:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 00:47:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	317390	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1293053	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	740929	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1725398	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2117349	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	2373833	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	13824	1.90	ng/uL	0.00
5) Phenol-d5	6.97	99	338342	13.16	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	212682	14.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	265442	12.96	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	251996	11.91	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	141760	15.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	162668	16.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	311162	14.80	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	227759	9.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	877885	14.34	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1014367	13.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	187010	17.04	ng/ul	0.00
57) Fluorene-d10	15.43	176	808005	15.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	153289	16.08	ng/ul	-0.01
70) Anthracene-d10	17.28	188	1611248	20.16	ng/ul	0.00
76) Pyrene-d10	19.57	212	2192970	24.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	2678499	24.67	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.90	163	593191	9.69	ng/ul	99
47) Acenaphthylene	14.16	152	313831	4.15	ng/ul	99
58) Fluorene	15.49	166	64526	1.10	ng/ul#	93
69) Phenanthrene	17.22	178	978915	10.55	ng/ul	100
71) Anthracene	17.32	178	252570	2.65	ng/ul	98
74) Fluoranthene	19.24	202	1475391	13.11	ng/ul	99
77) Pyrene	19.60	202	2388981	20.41	ng/ul	98
80) Benzo(a)anthracene	21.34	228	1121384	8.96	ng/ul	93
82) Chrysene	21.40	228	1277674	11.18	ng/ul	96
85) Benzo(b)fluoranthene	22.96	252	1275571m	8.92	ng/ul	
86) Benzo(k)fluoranthene	22.99	252	362765m	2.70	ng/ul	
88) Benzo(a)pyrene	23.54	252	1075847	7.94	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	677749	4.08	ng/ul	100
90) Dibenzo(a,h)anthracene	25.94	278	197188	1.41	ng/ul#	90
91) Benzo(g,h,i)perylene	26.63	276	709069	5.05	ng/ul	99

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

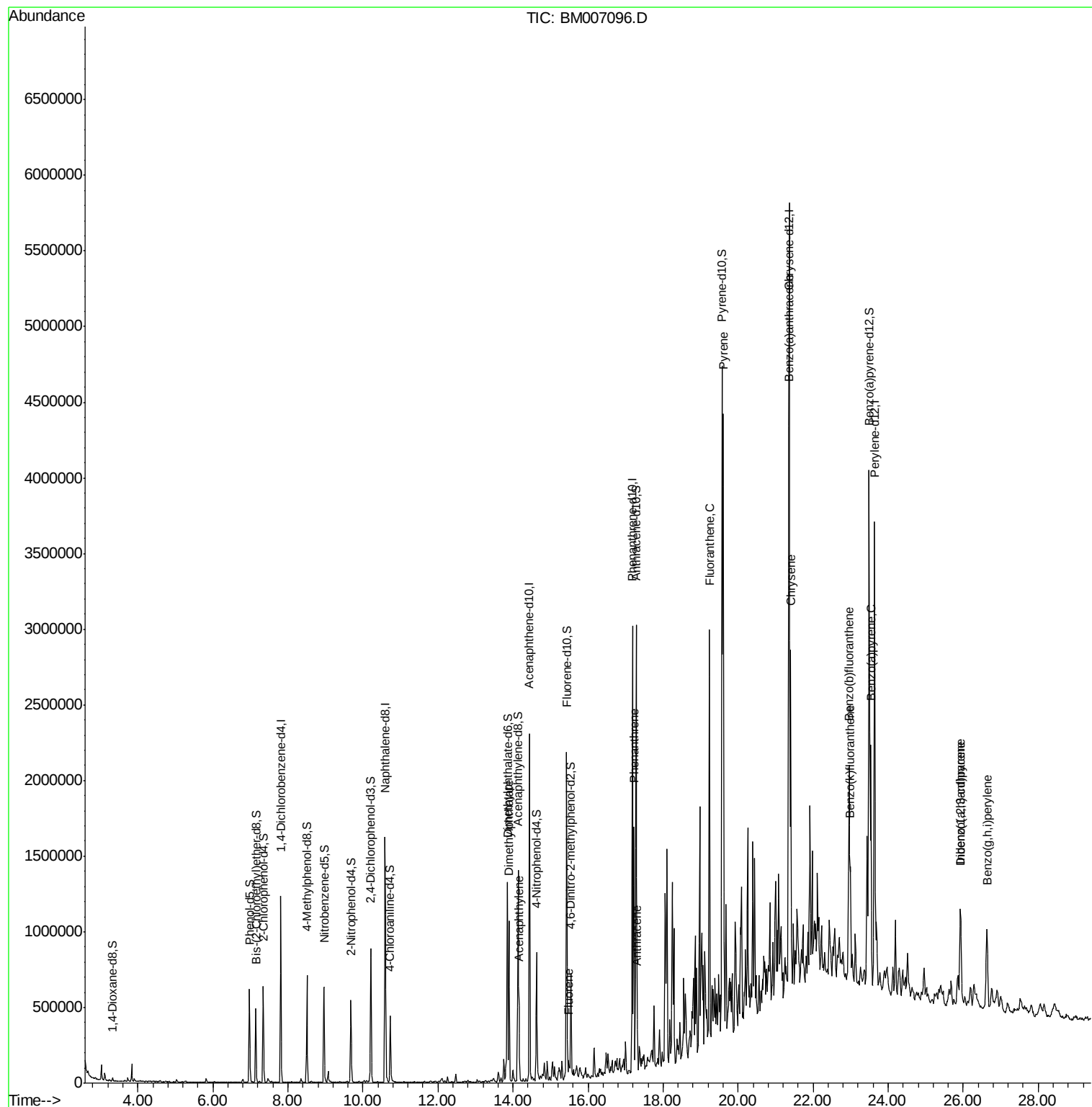
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007096.D
Acq On : 14 Aug 2016 08:00
Operator : UM/SJ
Sample : H4387-02
Misc :
ALS Vial : 61 Sample Multiplier: 1

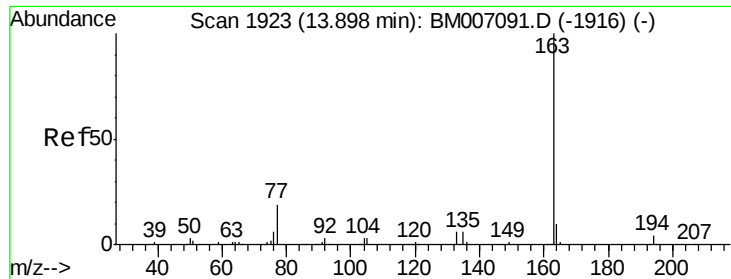
Instrument :
BNA_M
ClientSampleId :
P003-SS001-2430-01

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Quant Time: Aug 15 13:45:15 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 00:47:53 2016
Response via : Initial Calibration





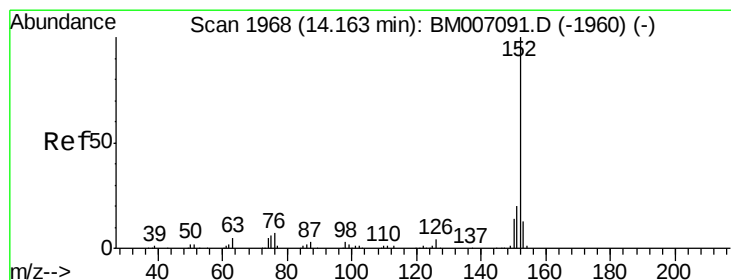
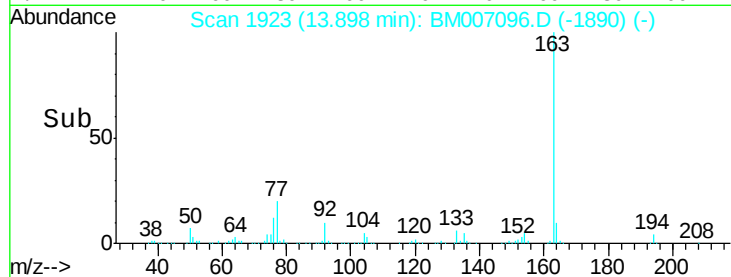
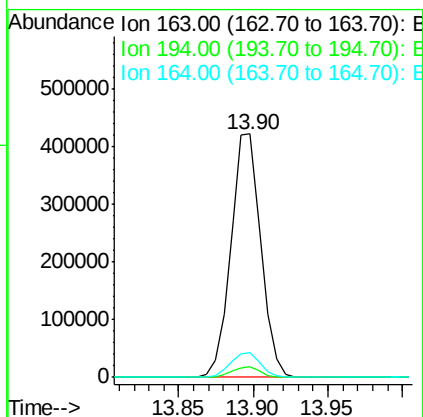
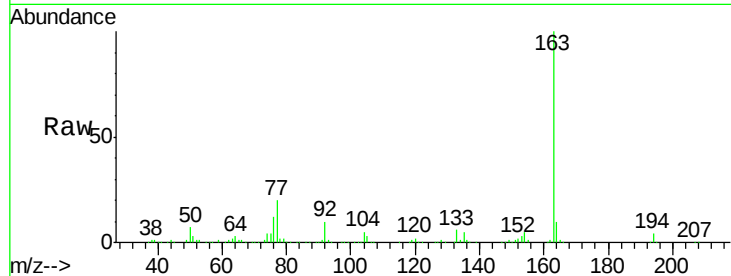
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Dimethylphthalate
Concen: 9.69 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM007096.D
Acq: 14 Aug 2016 08:00

Instrument :
BNA_M
ClientSampleId :
P003-SS001-2430-01

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	593191		
194	4.2		3.4	5.2
164	10.1		7.8	11.8

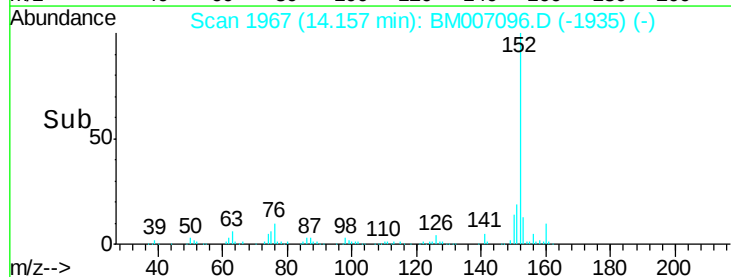
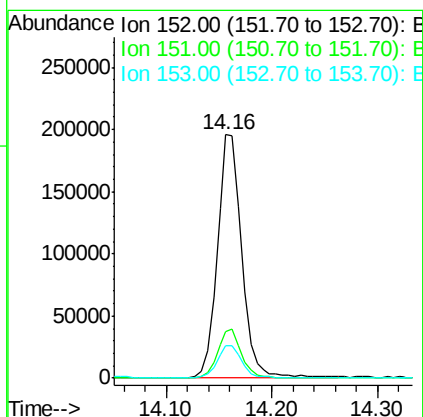
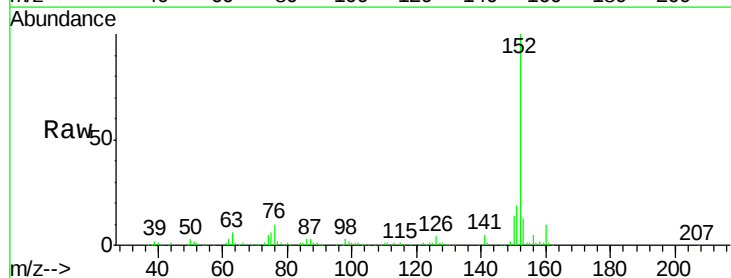
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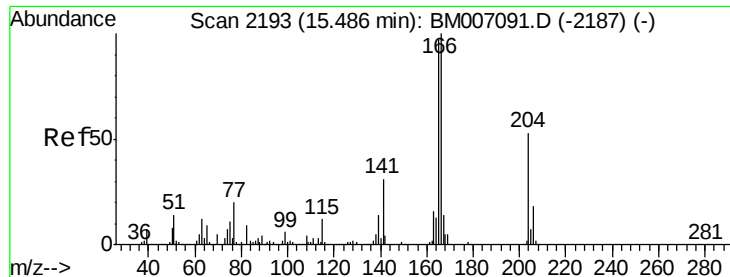
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#47
Acenaphthylene
Concen: 4.15 ng/ul
RT: 14.16 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM007096.D
Acq: 14 Aug 2016 08:00

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	313831		
151	19.3		16.0	24.0
153	13.4		11.0	16.6





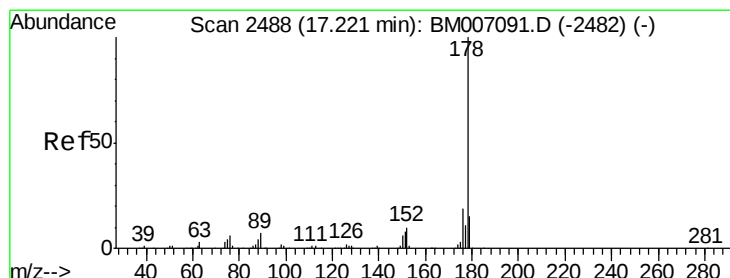
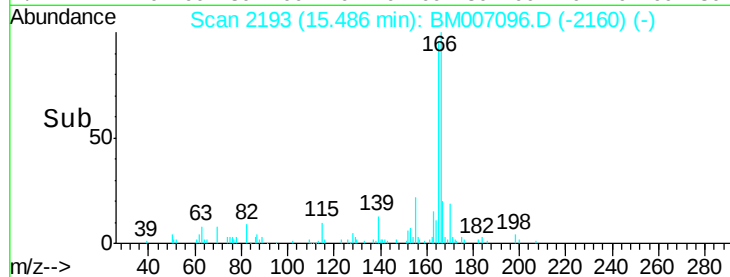
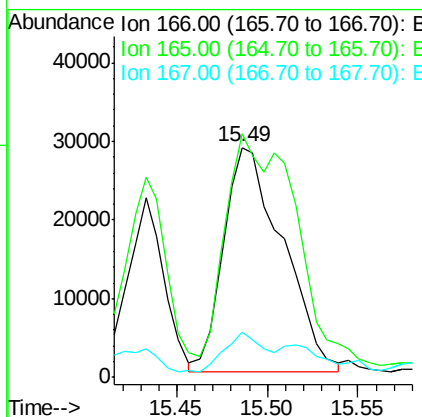
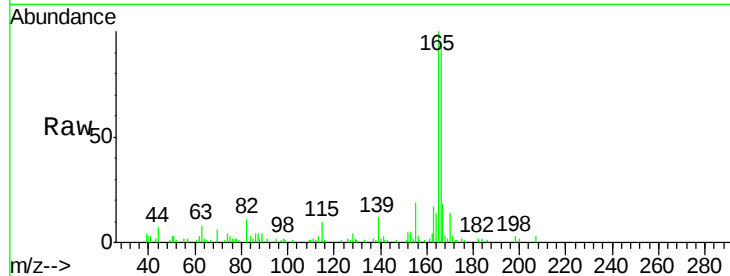
#58
Fluorene
 Concen: 1.10 ng/ul
 RT: 15.49 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM007096.D
 Acq: 14 Aug 2016 08:00

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS001-2430-01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.8	79.9	119.9
167	19.4	10.5	15.7

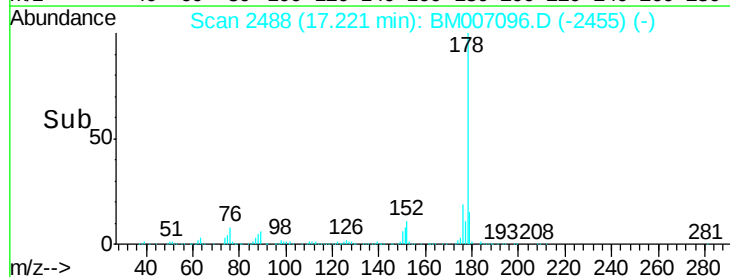
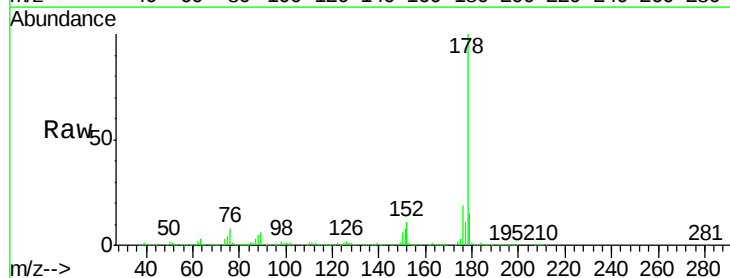
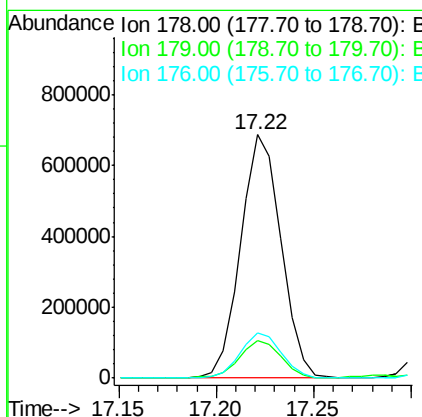
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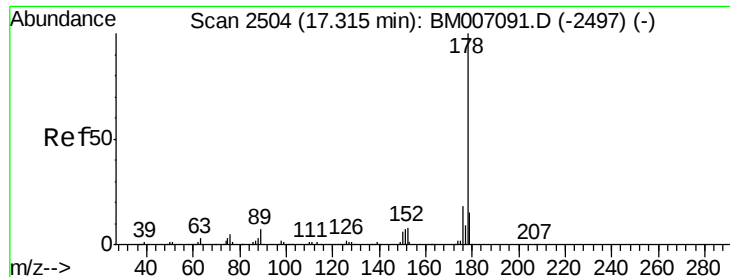
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#69
Phenanthrene
 Concen: 10.55 ng/ul
 RT: 17.22 min Scan# 2488
 Delta R.T. -0.01 min
 Lab File: BM007096.D
 Acq: 14 Aug 2016 08:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.8	15.1	22.7





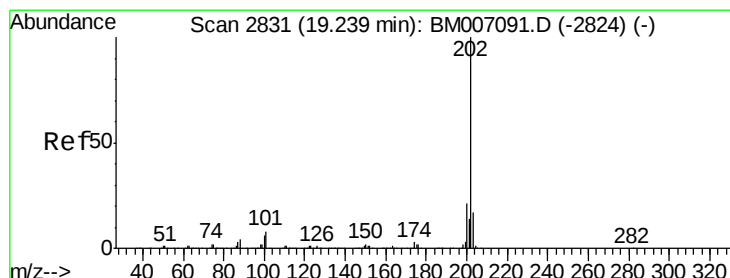
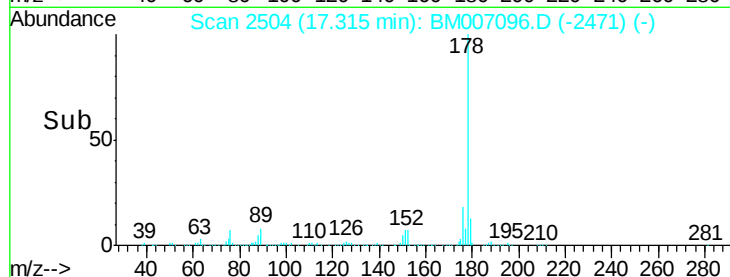
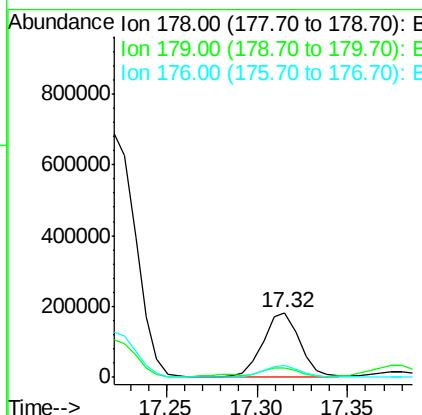
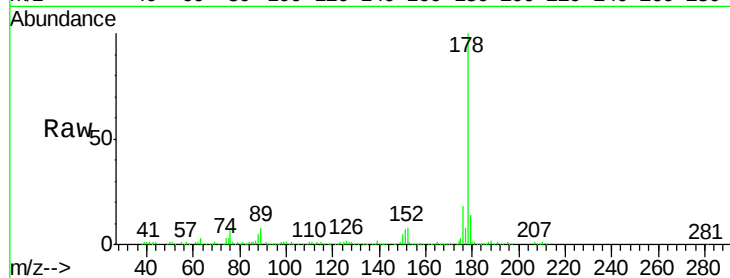
#71
 Anthracene
 Concen: 2.65 ng/ul
 RT: 17.32 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BM007096.D
 Acq: 14 Aug 2016 08:00

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS001-2430-01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.0	12.1	18.1
176	17.7	14.5	21.7

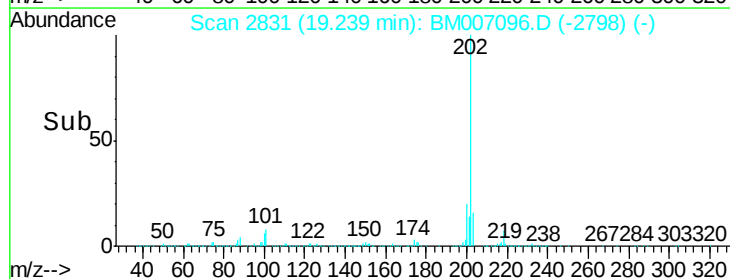
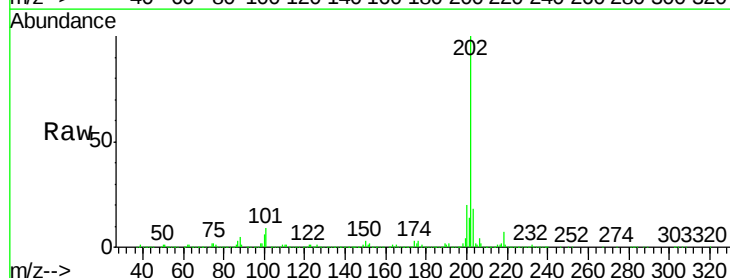
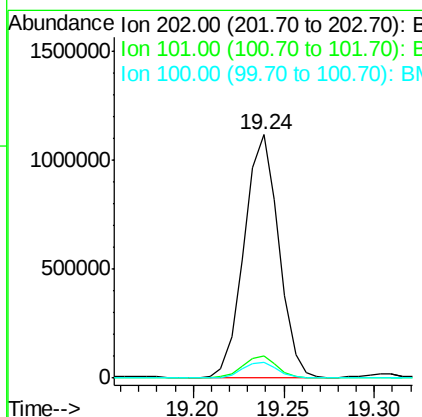
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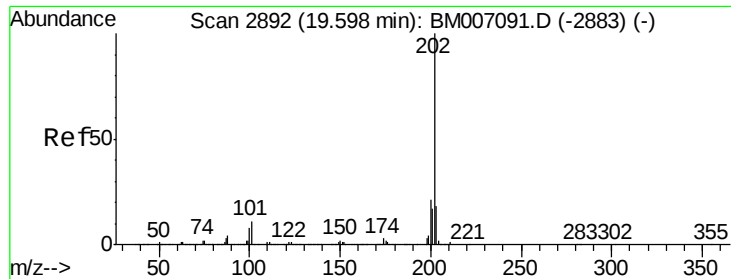
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#74
 Fluoranthene
 Concen: 13.11 ng/ul
 RT: 19.24 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM007096.D
 Acq: 14 Aug 2016 08:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	6.9	10.3
100	6.4	5.4	8.0





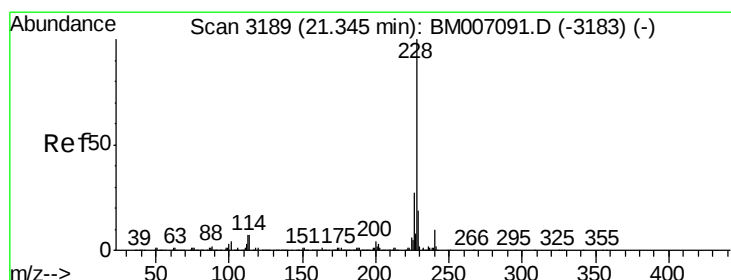
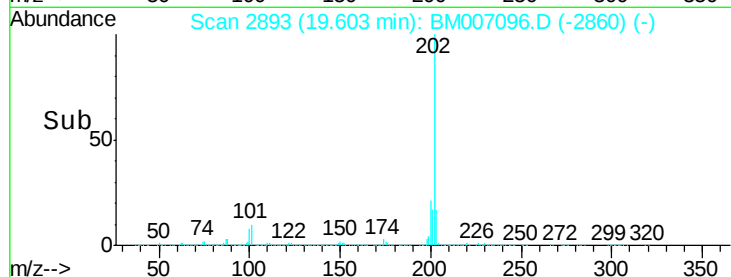
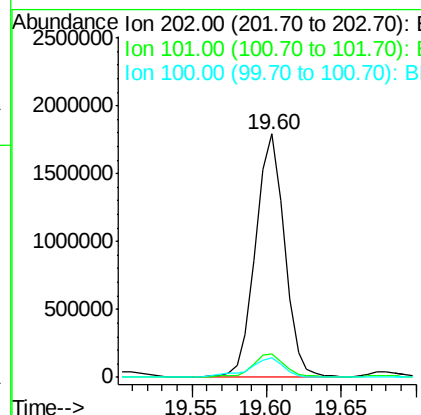
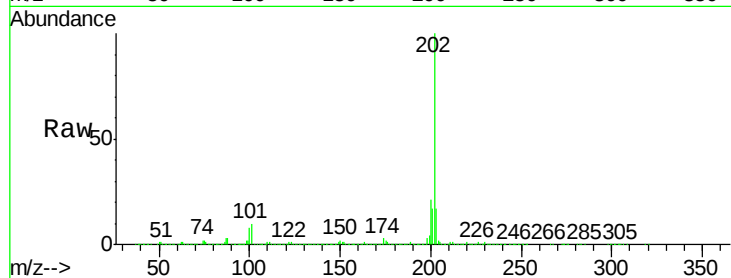
#77
 Pyrene
 Concen: 20.41 ng/ul
 RT: 19.60 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BM007096.D
 Acq: 14 Aug 2016 08:00

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS001-2430-01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.4	12.6
100	7.9	6.9	10.3

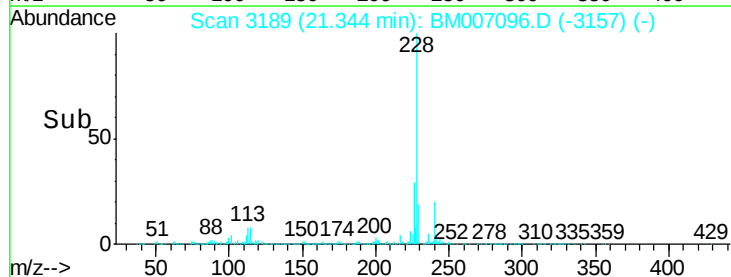
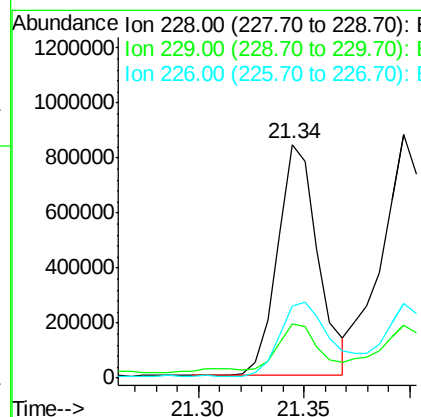
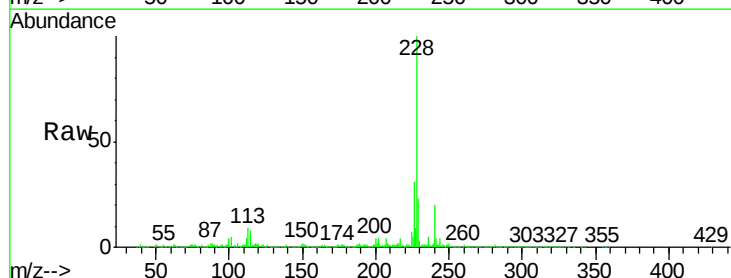
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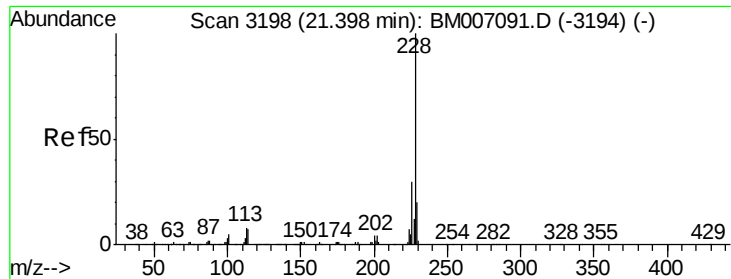
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#80
 Benzo(a)anthracene
 Concen: 8.96 ng/ul
 RT: 21.34 min Scan# 3189
 Delta R.T. -0.01 min
 Lab File: BM007096.D
 Acq: 14 Aug 2016 08:00

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.6	23.4
226	30.6	21.8	32.8





#82

Chrysene

Concen: 11.18 ng/ul

RT: 21.40 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BM007096.D

Acq: 14 Aug 2016 08:00

Instrument :

BNA_M

ClientSampleId :

P003-SS001-2430-01

Tgt Ion:228 Resp: 1277674

Ion Ratio Lower Upper

228 100

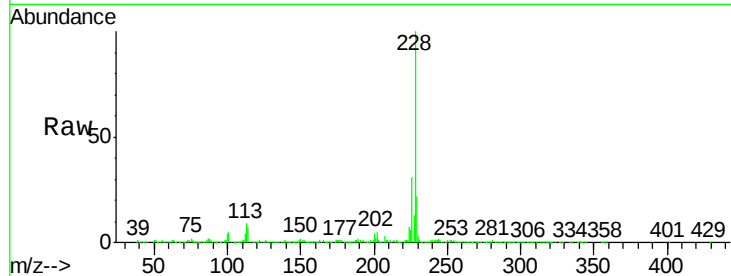
226 30.7 23.4 35.2

229 22.0 15.5 23.3

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

1200000

1000000

800000

600000

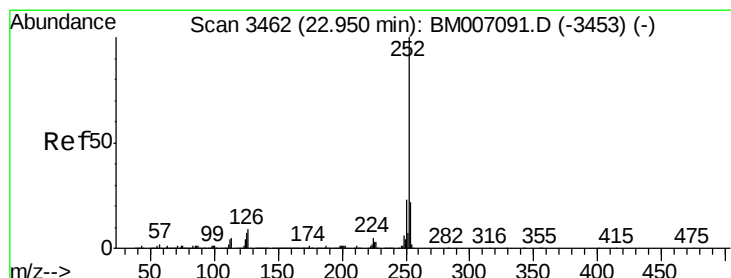
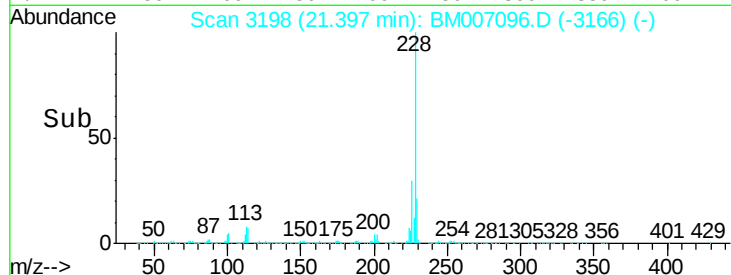
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200000

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21.35 21.40 21.45

Time-->



#85

Benzo(b)fluoranthene

Concen: 8.92 ng/ul m

RT: 22.96 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BM007096.D

Acq: 14 Aug 2016 08:00

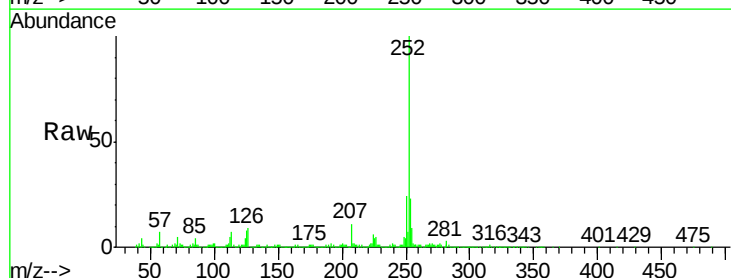
Tgt Ion:252 Resp: 1275571

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

125 8.1 5.8 8.8



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

600000

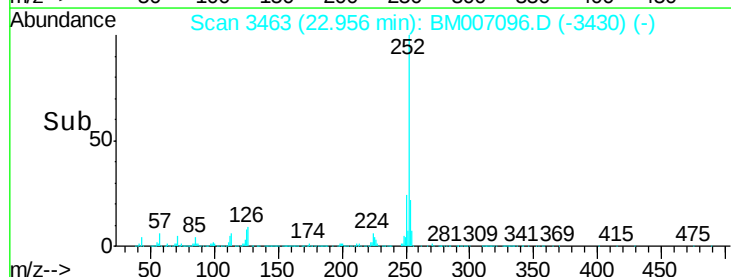
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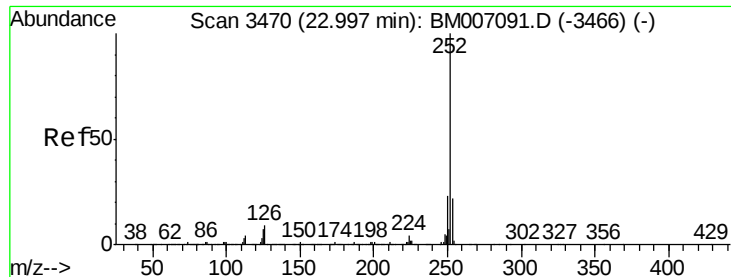
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22.90 22.95 23.00

Time-->





#86

Benzo(k)fluoranthene

Concen: 2.70 ng/ul m

RT: 22.99 min Scan# 3468

Delta R.T. -0.02 min

Lab File: BM007096.D

Acq: 14 Aug 2016 08:00

Instrument :

BNA_M

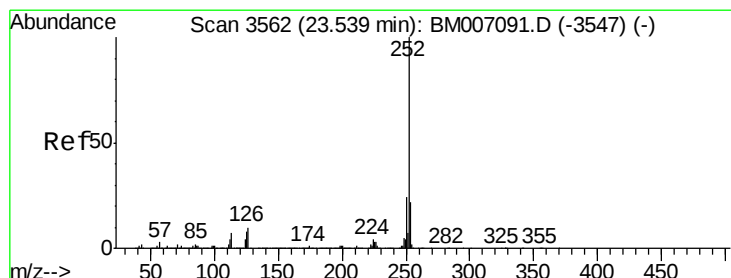
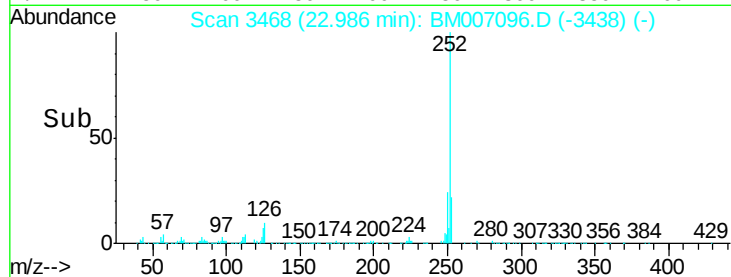
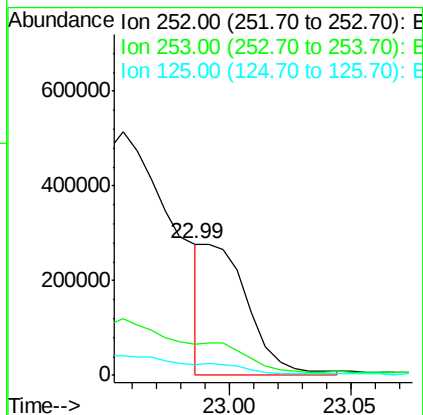
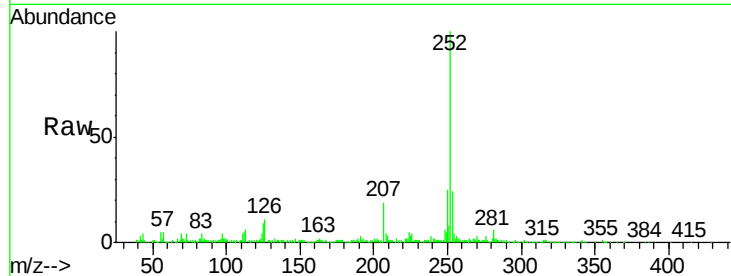
ClientSampleId :

P003-SS001-2430-01

Tgt Ion:	252	Resp:	362765
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.6	26.4
125	8.5	5.7	8.5

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 7.94 ng/ul

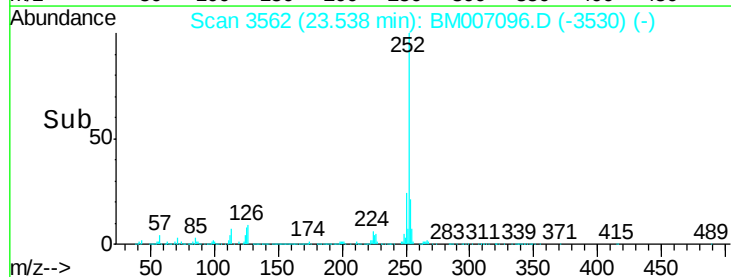
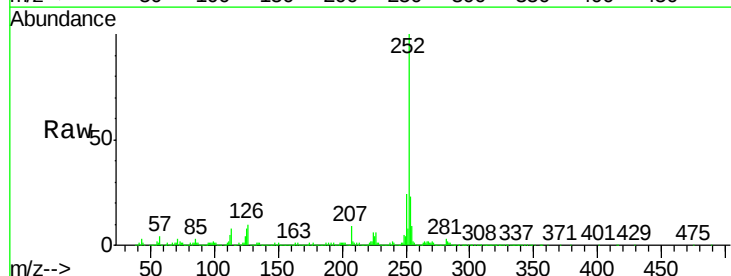
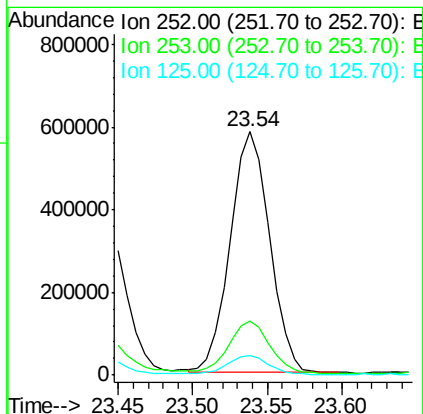
RT: 23.54 min Scan# 3562

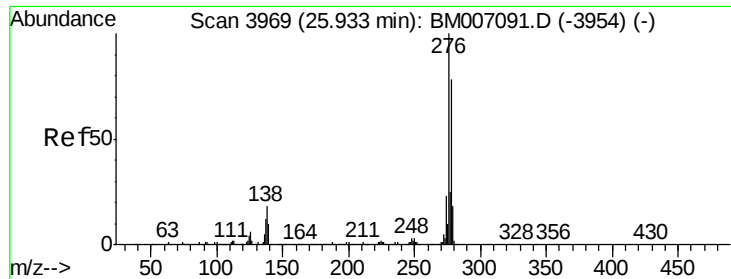
Delta R.T. -0.01 min

Lab File: BM007096.D

Acq: 14 Aug 2016 08:00

Tgt Ion:	252	Resp:	1075847
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.7	26.5
125	8.2	6.6	9.8





#89

Indeno(1,2,3-cd)pyrene

Concen: 4.08 ng/ul

RT: 25.93 min Scan# 3968

Delta R.T. -0.02 min

Lab File: BM007096.D

Acq: 14 Aug 2016 08:00

Instrument :

BNA_M

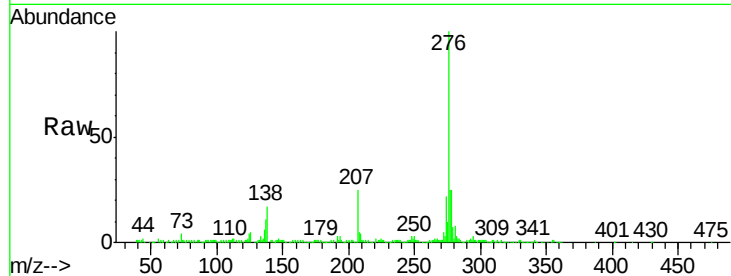
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P003-SS001-2430-01

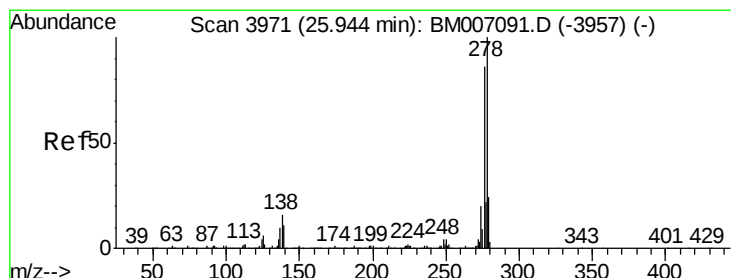
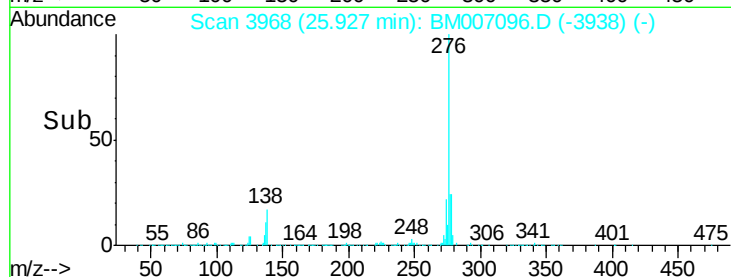
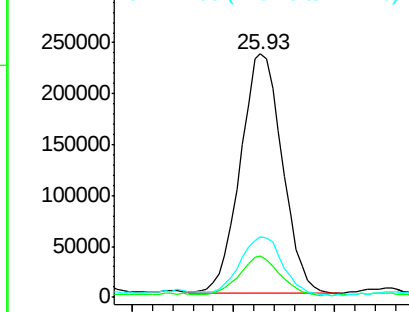
Tgt Ion:	276	Resp:	677749
Ion Ratio	Lower	Upper	
276	100		
138	17.2	13.9	20.9
277	25.1	20.1	30.1

Manual Integrations
APPROVED

sohil
8/15/2016 6:55:51 PM



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



#90

Dibenzo(a,h)anthracene

Concen: 1.41 ng/ul

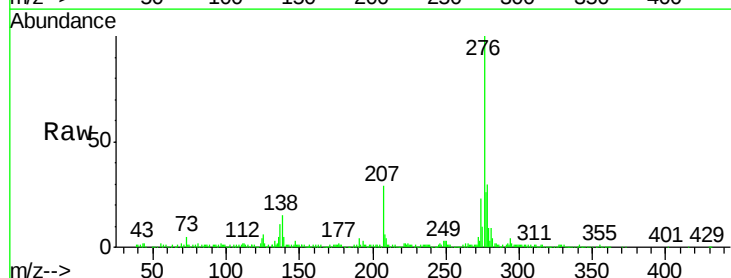
RT: 25.94 min Scan# 3970

Delta R.T. -0.02 min

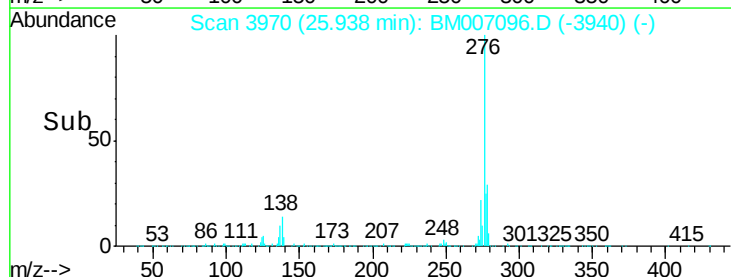
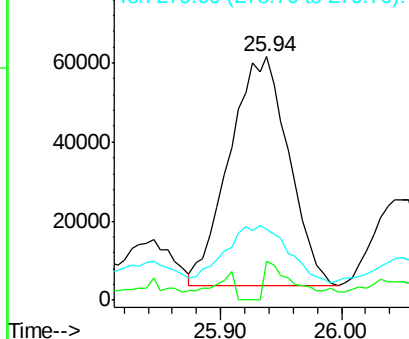
Lab File: BM007096.D

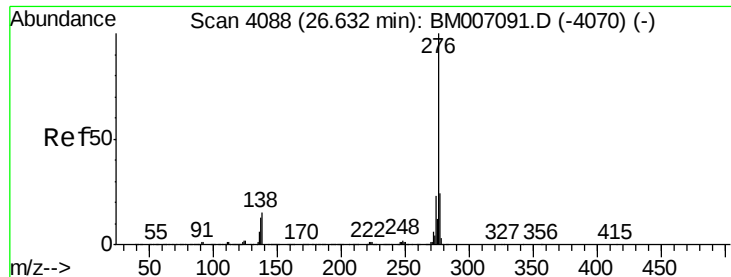
Acq: 14 Aug 2016 08:00

Tgt Ion:	278	Resp:	197188
Ion Ratio	Lower	Upper	
278	100		
139	15.9	9.5	14.3#
279	29.1	19.1	28.7#



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





#91

Benzo(g,h,i)perylene

Concen: 5.05 ng/ul

RT: 26.63 min Scan# 4088

Delta R.T. -0.02 min

Lab File: BM007096.D

Acq: 14 Aug 2016 08:00

Instrument :

BNA_M

ClientSampleId :

P003-SS001-2430-01

Tgt	Ion	276	Resp:	709069
	Ratio	100	Lower	Upper
	276	100		
	138	16.1	13.5	20.3
	277	24.6	19.3	28.9

Manual Integrations
APPROVED

sohil
8/15/2016 6:55:51 PM

