

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007231.D
 Acq On : 19 Aug 2016 11:30
 Operator : UM/SJ
 Sample : H4445-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 E5N29

Manual Integrations
 APPROVED

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 8/19/2016 6:41:44 PM

Quant Time: Aug 19 13:16:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 09:10:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	255641	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1004656	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	566558	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1343657	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1576922	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1627292	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	13577	2.32	ng/uL	0.00
5) Phenol-d5	6.97	99	349285	16.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	210347	17.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	277194	16.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	287929	16.90	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	125878	17.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	132402	16.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	288539	17.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	296385	15.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	926604	19.79	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1148574	20.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	134236	16.00	ng/ul	0.00
57) Fluorene-d10	15.43	176	840979	20.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	80068	10.78	ng/ul	0.00
70) Anthracene-d10	17.27	188	1400486	22.50	ng/ul	0.00
76) Pyrene-d10	19.57	212	1678075	25.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1730830	23.25	ng/ul	0.01

Target Compounds

					Qvalue
44) Dimethylphthalate	13.89	163	310235	6.63 ng/ul	99
47) Acenaphthylene	14.16	152	171371	2.96 ng/ul#	97
69) Phenanthrene	17.22	178	356557	4.93 ng/ul	97
71) Anthracene	17.31	178	207907	2.80 ng/ul	98
74) Fluoranthene	19.23	202	2120254	24.19 ng/ul	100
77) Pyrene	19.60	202	1919078	22.01 ng/ul	99
80) Benzo(a)anthracene	21.34	228	1292568	13.87 ng/ul	97
82) Chrysene	21.40	228	1039435	12.21 ng/ul	96
85) Benzo(b)fluoranthene	22.95	252	1664097	16.97 ng/ul	96
86) Benzo(k)fluoranthene	22.99	252	555366m	6.03 ng/ul	
88) Benzo(a)pyrene	23.53	252	1031302	11.10 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.93	276	671431	5.90 ng/ul	98
90) Dibenzo(a,h)anthracene	25.94	278	193940	2.03 ng/ul#	95
91) Benzo(g,h,i)perylene	26.63	276	577653	6.00 ng/ul	98

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

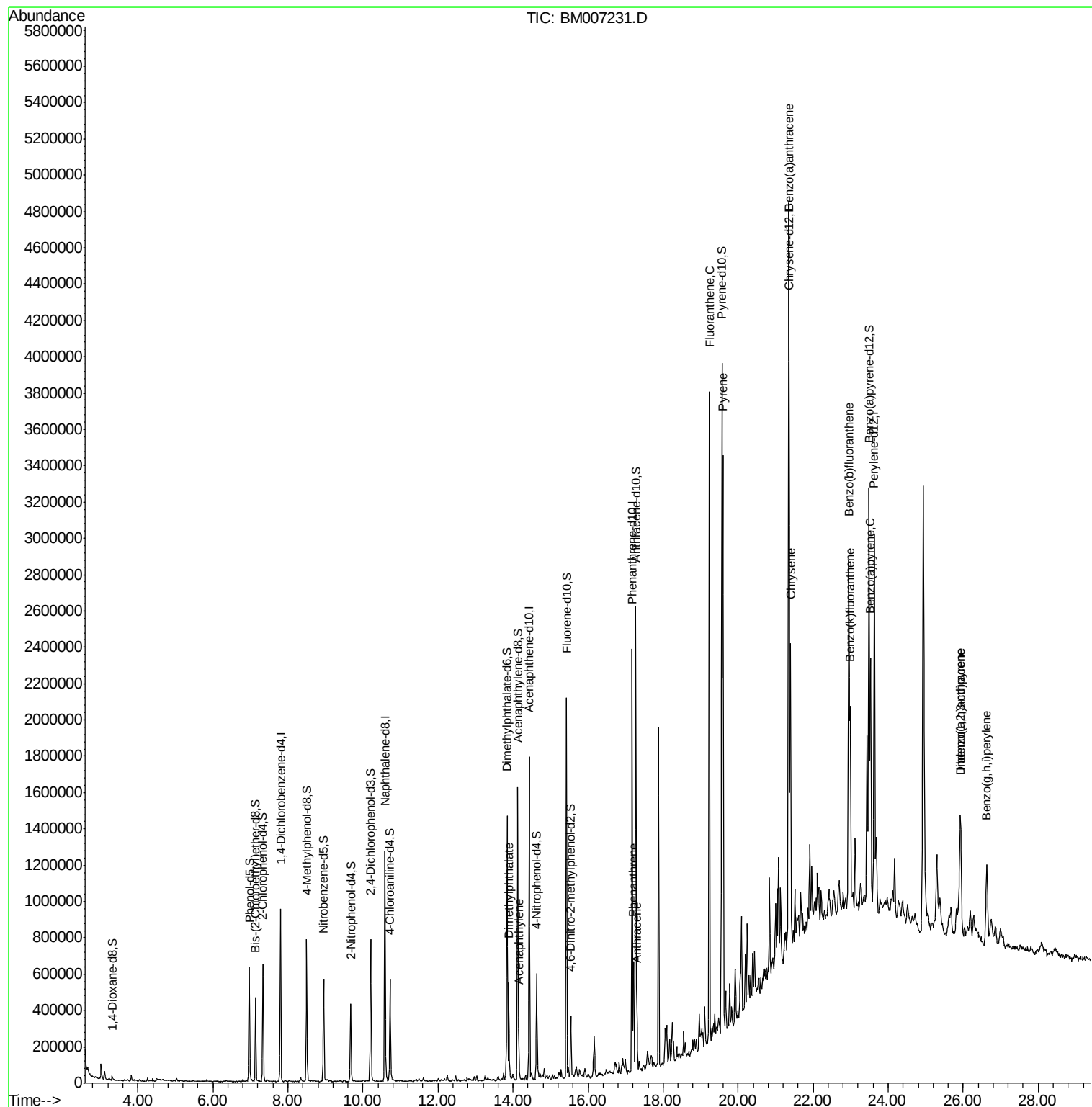
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007231.D
Acq On : 19 Aug 2016 11:30
Operator : UM/SJ
Sample : H4445-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

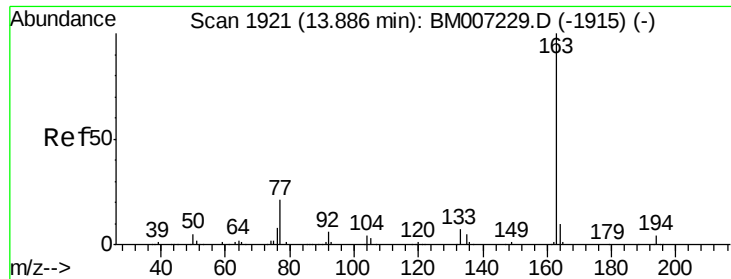
Instrument :
BNA_M
ClientSampled :
E5N29

Manual Integrations
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Quant Time: Aug 19 13:16:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 09:10:25 2016
Response via : Initial Calibration





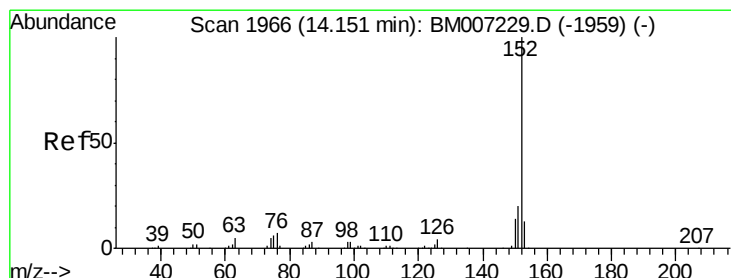
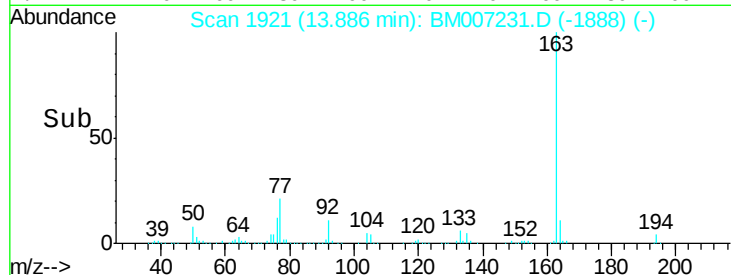
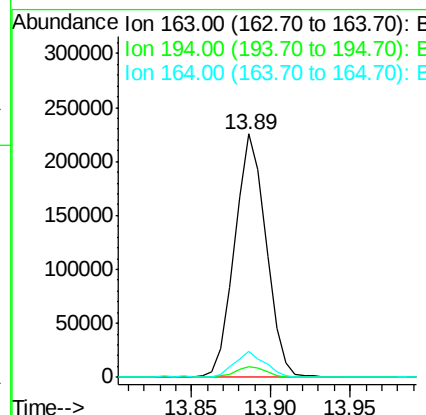
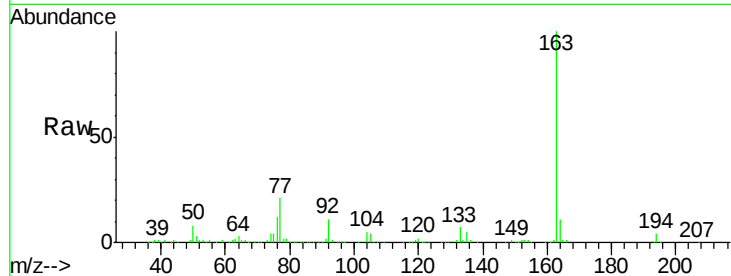
#44
Dimethylphthalate
Concen: 6.63 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007231.D
Acq: 19 Aug 2016 11:30

Instrument :
BNA_M
ClientSampleId :
E5N29

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	310235		
194	4.3		3.4	5.2
164	10.6		7.8	11.8

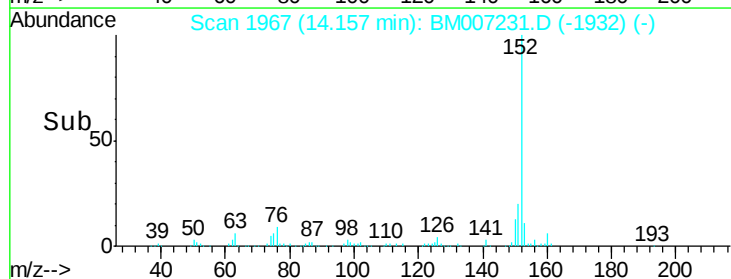
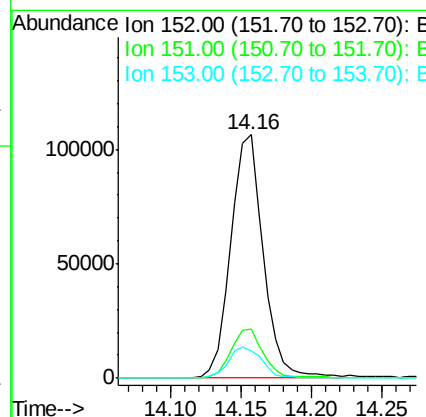
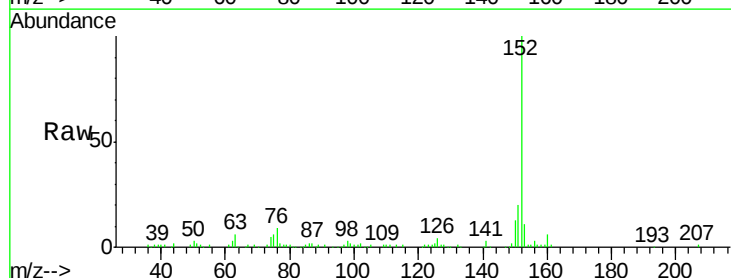
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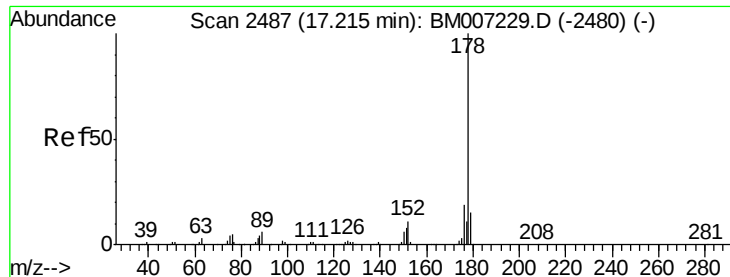
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#47
Acenaphthylene
Concen: 2.96 ng/ul
RT: 14.16 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BM007231.D
Acq: 19 Aug 2016 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	171371		
151	20.0		16.0	24.0
153	11.0		11.0	16.6#





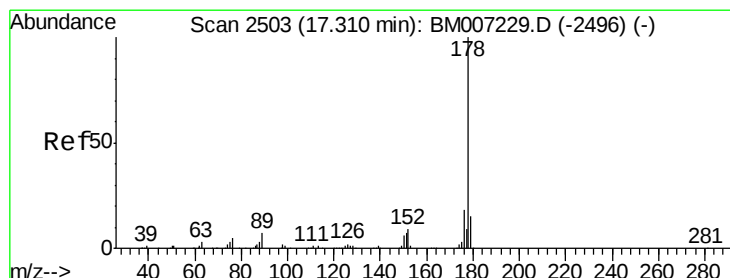
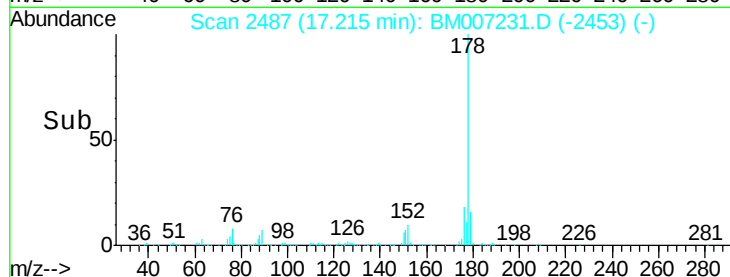
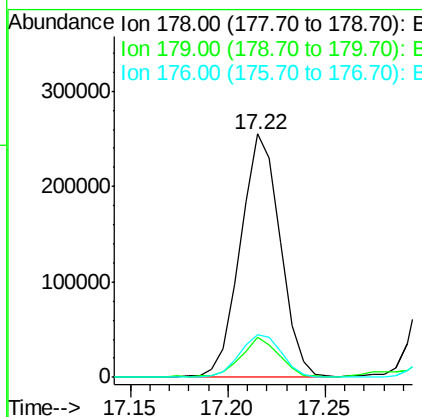
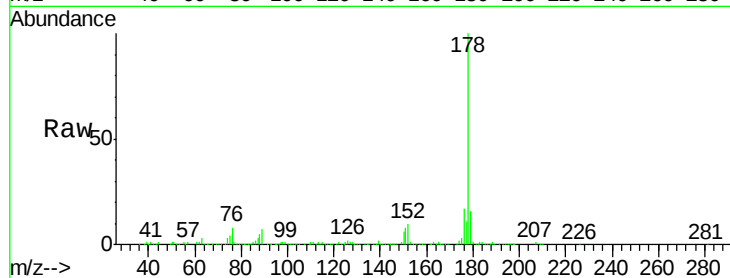
#69
Phenanthrene
Concen: 4.93 ng/ul
RT: 17.22 min Scan# 2487
Delta R.T. -0.00 min
Lab File: BM007231.D
Acq: 19 Aug 2016 11:30

Instrument :
BNA_M
ClientSampleId :
E5N29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	356557		
179	16.4	12.2	18.2	
176	17.5	15.1	22.7	

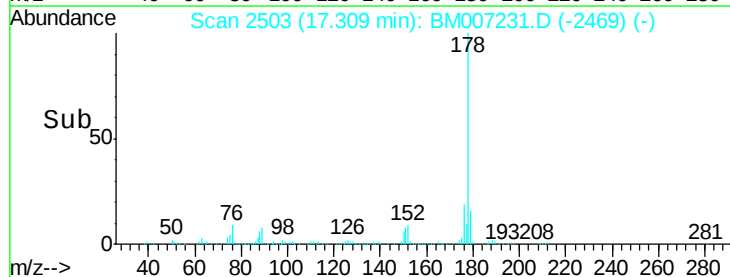
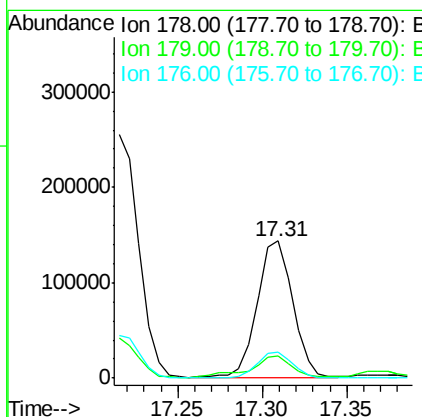
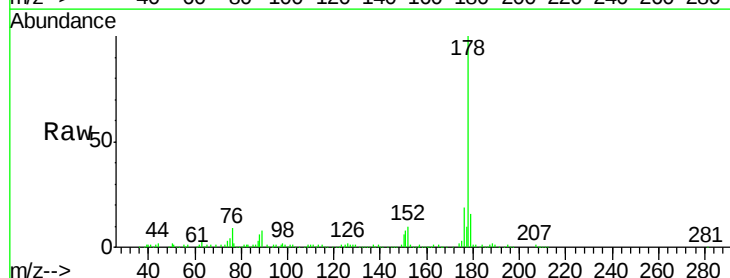
Manual Integrations
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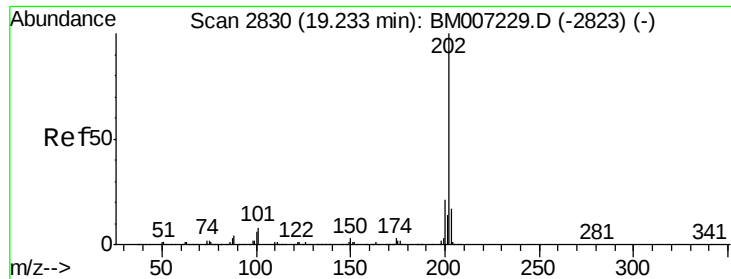
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#71
Anthracene
Concen: 2.80 ng/ul
RT: 17.31 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BM007231.D
Acq: 19 Aug 2016 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	207907		
179	16.3	12.1	18.1	
176	18.7	14.5	21.7	





#74

Fluoranthene

Concen: 24.19 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BM007231.D

Acq: 19 Aug 2016 11:30

Instrument :

BNA_M

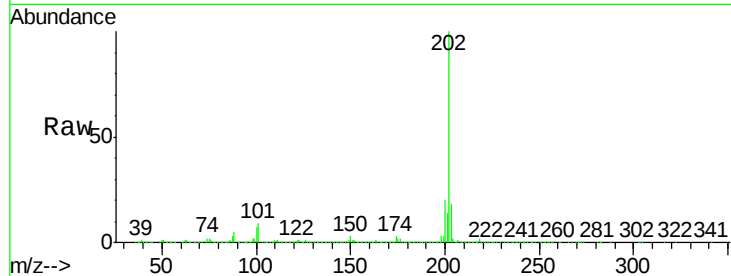
ClientSampleId :

E5N29

Tgt Ion:	202	Resp:	2120254
Ion Ratio	Lower	Upper	
202	100		
101	8.8	6.9	10.3
100	6.7	5.4	8.0

Manual Integrations
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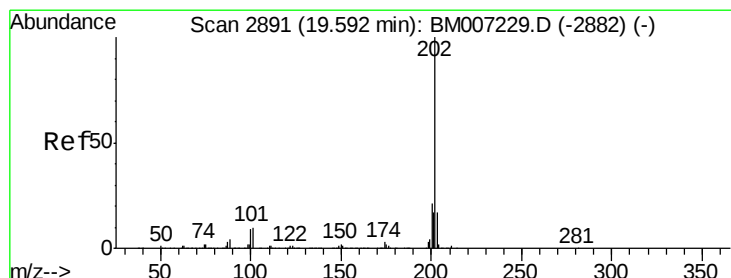
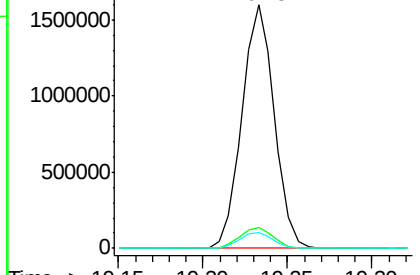
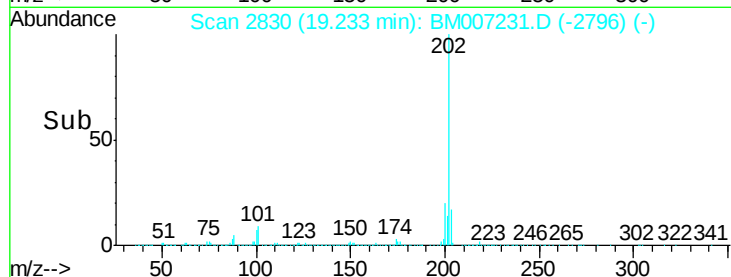
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 22.01 ng/ul

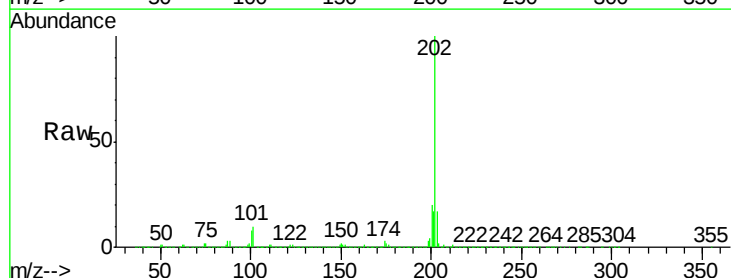
RT: 19.60 min Scan# 2892

Delta R.T. -0.00 min

Lab File: BM007231.D

Acq: 19 Aug 2016 11:30

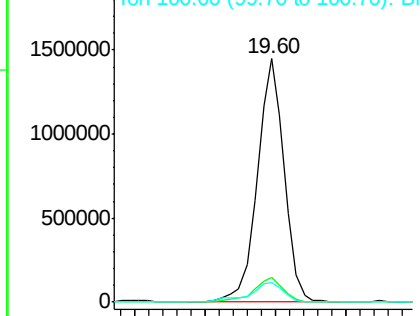
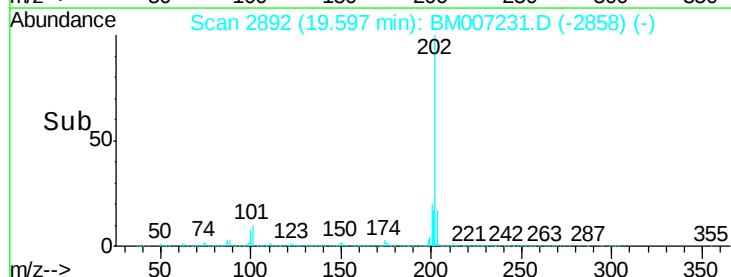
Tgt Ion:	202	Resp:	1919078
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.4	12.6
100	8.0	6.9	10.3

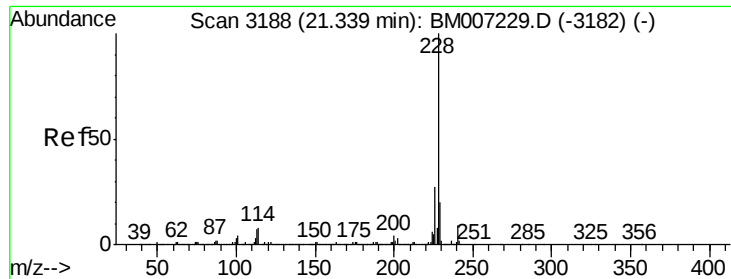


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





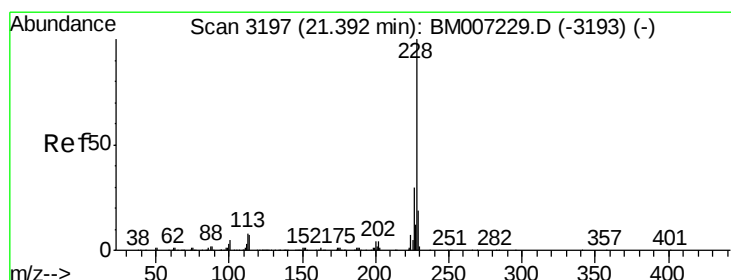
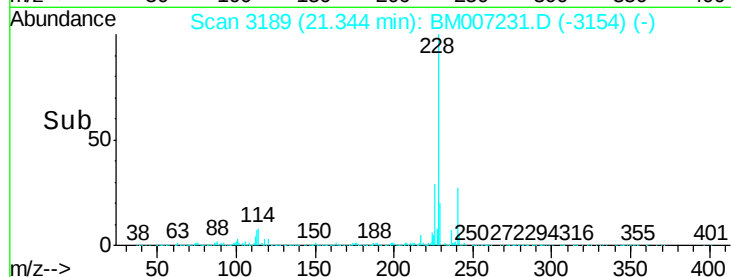
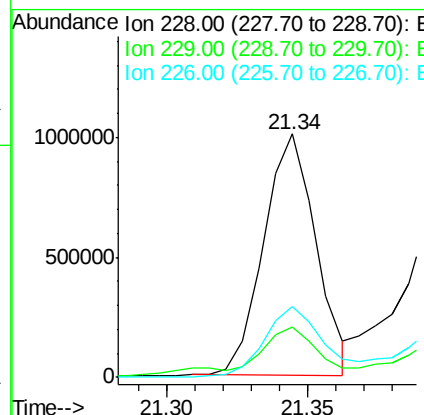
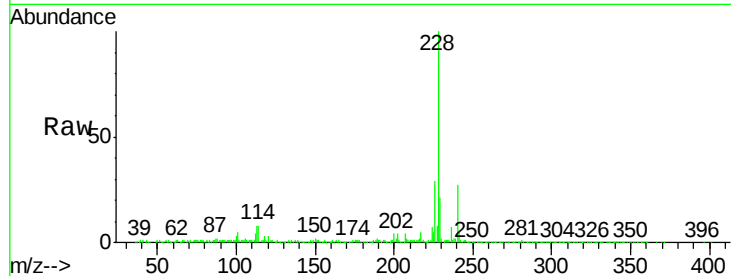
#80
Benzo(a)anthracene
Concen: 13.87 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. 0.01 min
Lab File: BM007231.D
Acq: 19 Aug 2016 11:30

Instrument :
BNA_M
ClientSampleId :
E5N29

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.6	23.4
226	28.9	21.8	32.8

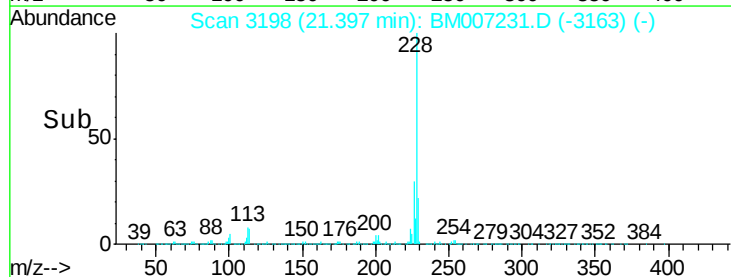
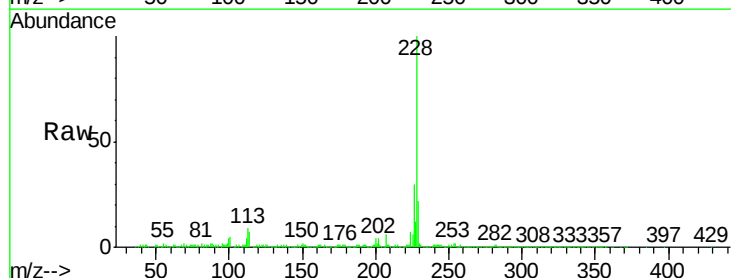
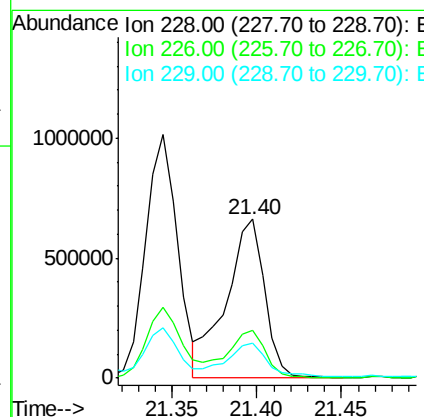
Manual Integrations
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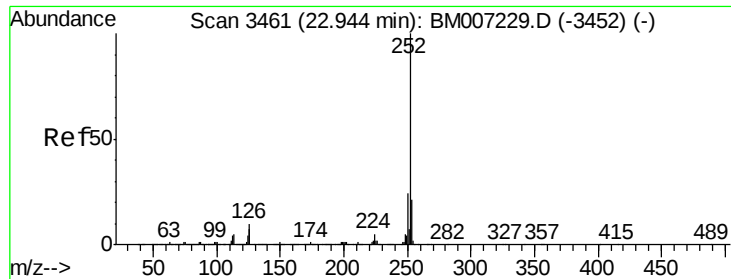
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#82
Chrysene
Concen: 12.21 ng/ul
RT: 21.40 min Scan# 3198
Delta R.T. 0.01 min
Lab File: BM007231.D
Acq: 19 Aug 2016 11:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	22.3	15.5	23.3





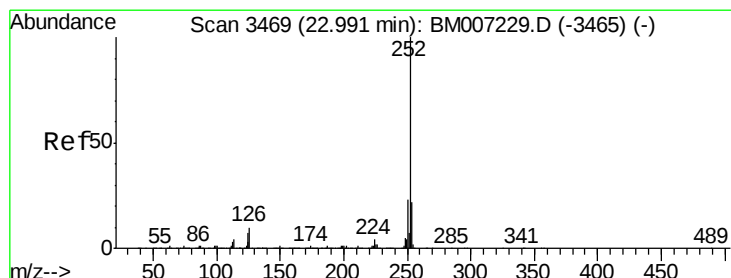
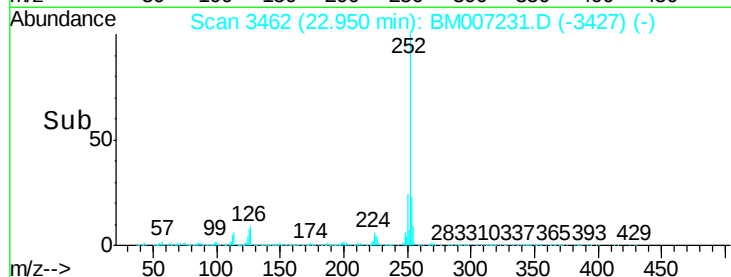
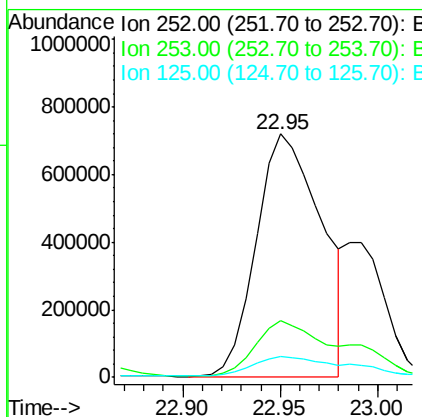
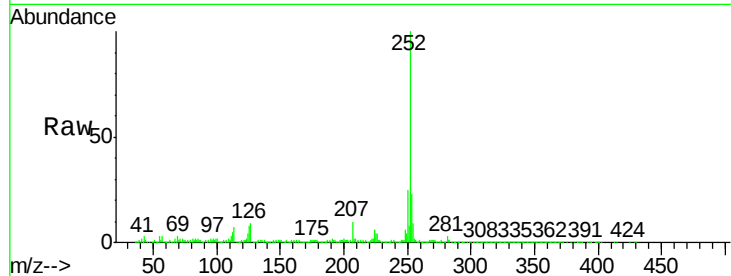
#85
Benzo(b)fluoranthene
Concen: 16.97 ng/ul
RT: 22.95 min Scan# 3462
Delta R.T. 0.01 min
Lab File: BM007231.D
Acq: 19 Aug 2016 11:30

Instrument :
BNA_M
ClientSampleId :
E5N29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	8.4	5.8	8.8

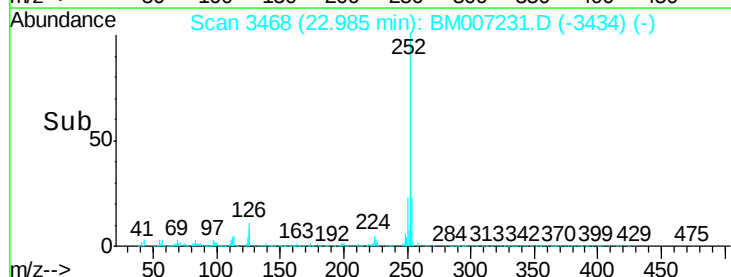
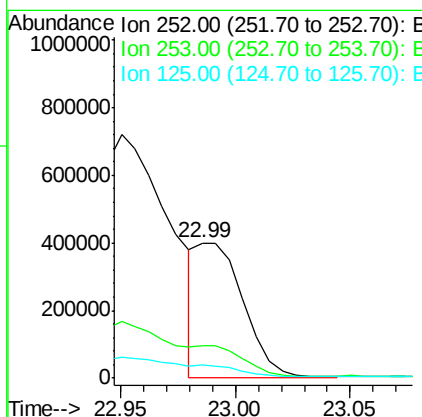
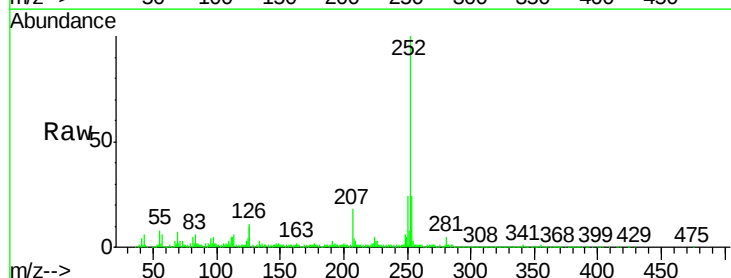
Manual Integrations
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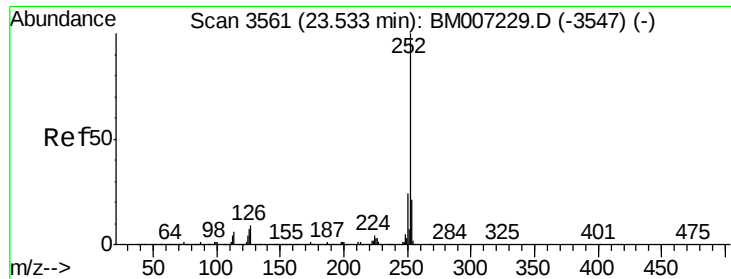
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#86
Benzo(k)fluoranthene
Concen: 6.03 ng/ul m
RT: 22.99 min Scan# 3468
Delta R.T. -0.00 min
Lab File: BM007231.D
Acq: 19 Aug 2016 11:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	9.7	5.7	8.5#





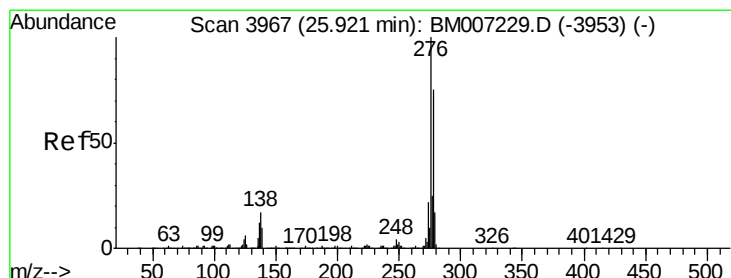
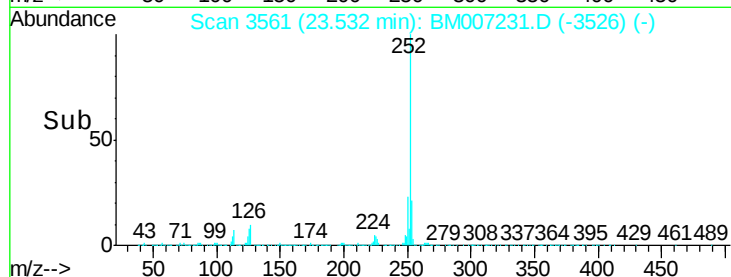
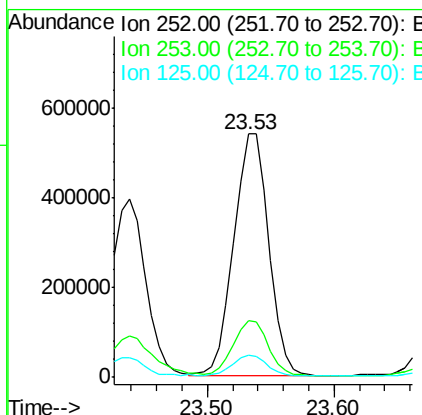
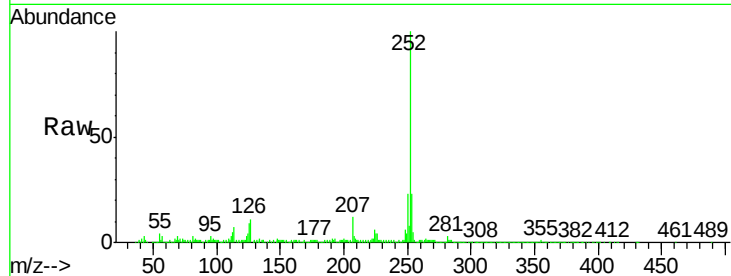
#88
Benzo(a)pyrene
Concen: 11.10 ng/ul
RT: 23.53 min Scan# 3561
Delta R.T. 0.01 min
Lab File: BM007231.D
Acq: 19 Aug 2016 11:30

Instrument :
BNA_M
ClientSampleId :
E5N29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	9.0	6.6	9.8

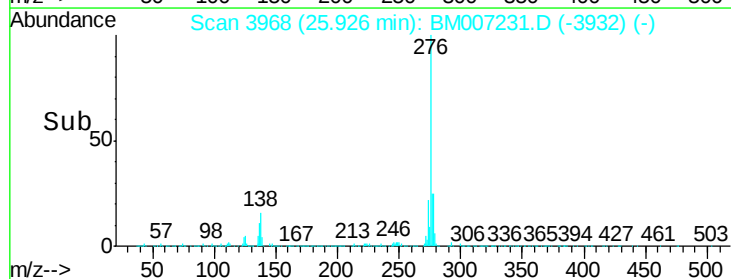
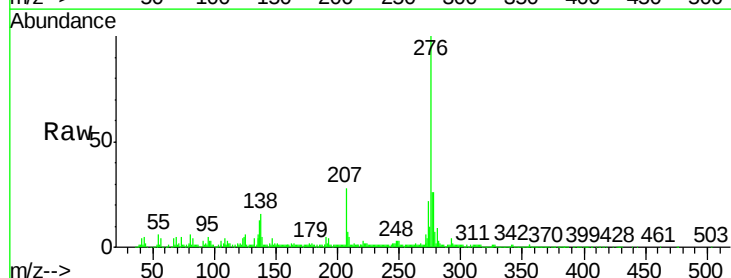
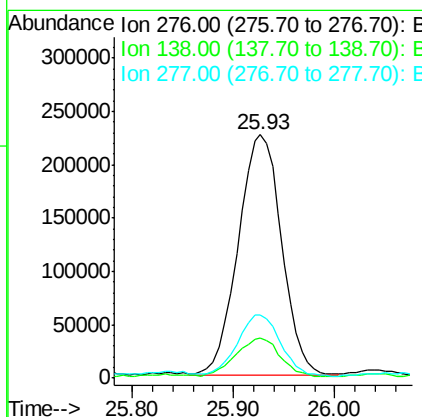
Manual Integrations
APPROVED

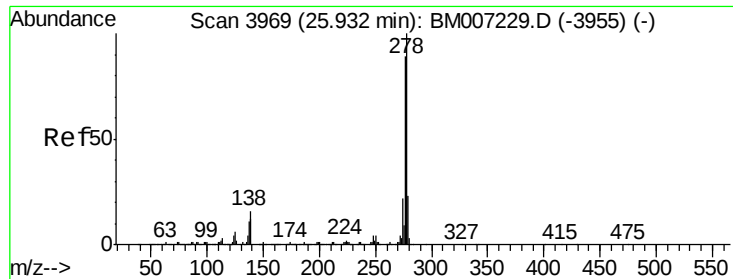
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#89
Indeno(1,2,3-cd)pyrene
Concen: 5.90 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. 0.01 min
Lab File: BM007231.D
Acq: 19 Aug 2016 11:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.9	20.9
277	25.7	20.1	30.1





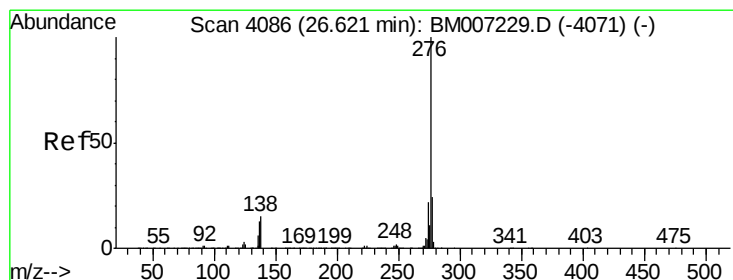
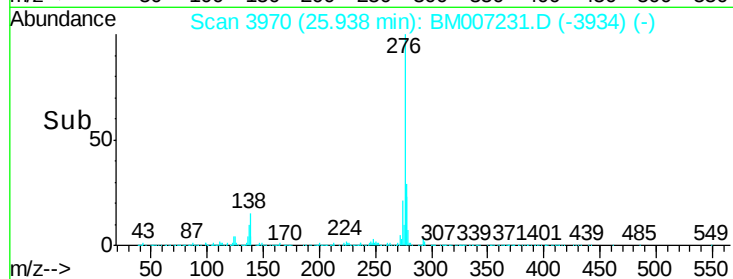
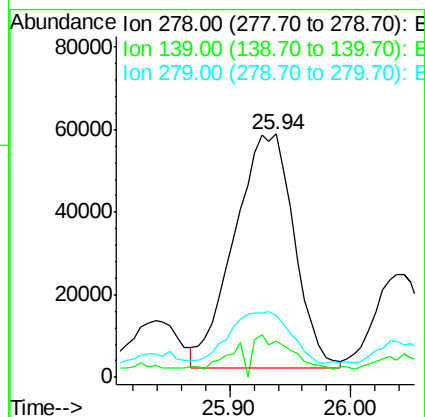
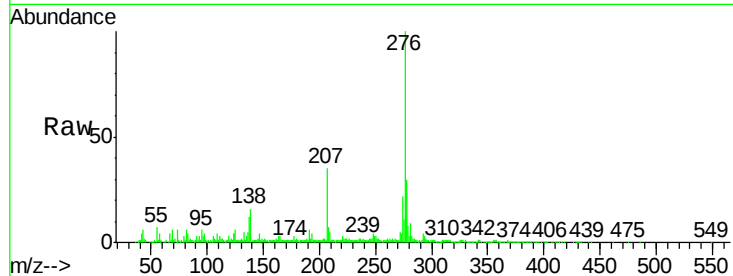
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Dibenzo(a,h)anthracene
Concen: 2.03 ng/ul
RT: 25.94 min Scan# 3970
Delta R.T. 0.01 min
Lab File: BM007231.D
Acq: 19 Aug 2016 11:30

Instrument :
BNA_M
ClientSampleId :
E5N29

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	193940		
139	14.7	9.5	14.3#	
279	25.6	19.1	28.7	

Manual Integrations
APPROVED

sohil
8/19/2016 6:41:44 PM



#91
Benzo(g,h,i)perylene
Concen: 6.00 ng/ul
RT: 26.63 min Scan# 4087
Delta R.T. 0.01 min
Lab File: BM007231.D
Acq: 19 Aug 2016 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	577653		
138	16.7	13.5	20.3	
277	22.6	19.3	28.9	

