

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100617\
 Data File : BM011957.D
 Acq On : 07 Oct 2017 01:30
 Operator : SJ/JU
 Sample : I5462-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0BX0

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:39:01 PM

Quant Time: Oct 07 06:53:19 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 05:58:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	303513	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1209609	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	678862	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1493754	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1694913	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	1851024	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	16943m	2.64	ng/uL	0.00
5) Phenol-d5	7.02	99	348993	13.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	222077	14.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	306974	14.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	311308	13.79	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	141819	16.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	163935	16.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	316484	16.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	296144	13.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1014494	17.24	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1211098	17.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	117342	11.42	ng/ul	0.00
57) Fluorene-d10	15.49	176	851951	16.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	134525	13.38	ng/ul	0.00
70) Anthracene-d10	17.34	188	1364366	18.54	ng/ul	0.00
76) Pyrene-d10	19.63	212	1545030	20.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1619744	18.19	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.95	163	237575	4.20	ng/ul	100
47) Acenaphthylene	14.23	152	258380	3.85	ng/ul	99
56) Diethylphthalate	15.32	149	1334391	23.23	ng/ul	96
58) Fluorene	15.55	166	62720	1.12	ng/ul	96
69) Phenanthrene	17.29	178	941678	11.46	ng/ul	99
71) Anthracene	17.37	178	167539	2.00	ng/ul	97
74) Fluoranthene	19.30	202	1016444	10.14	ng/ul#	90
77) Pyrene	19.66	202	1694236	18.03	ng/ul#	89
80) Benzo(a)anthracene	21.40	228	673526m	6.94	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.32	149	165400	3.02	ng/ul	98
82) Chrysene	21.46	228	973302	10.55	ng/ul	96
85) Benzo(b)fluoranthene	23.04	252	765523m	6.80	ng/ul	
86) Benzo(k)fluoranthene	23.06	252	314960m	2.80	ng/ul	
88) Benzo(a)pyrene	23.64	252	682337	6.31	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.11	276	457160	3.95	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.11	278	131809	1.39	ng/ul#	68
91) Benzo(g,h,i)perylene	26.84	276	483717	5.05	ng/ul#	91

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

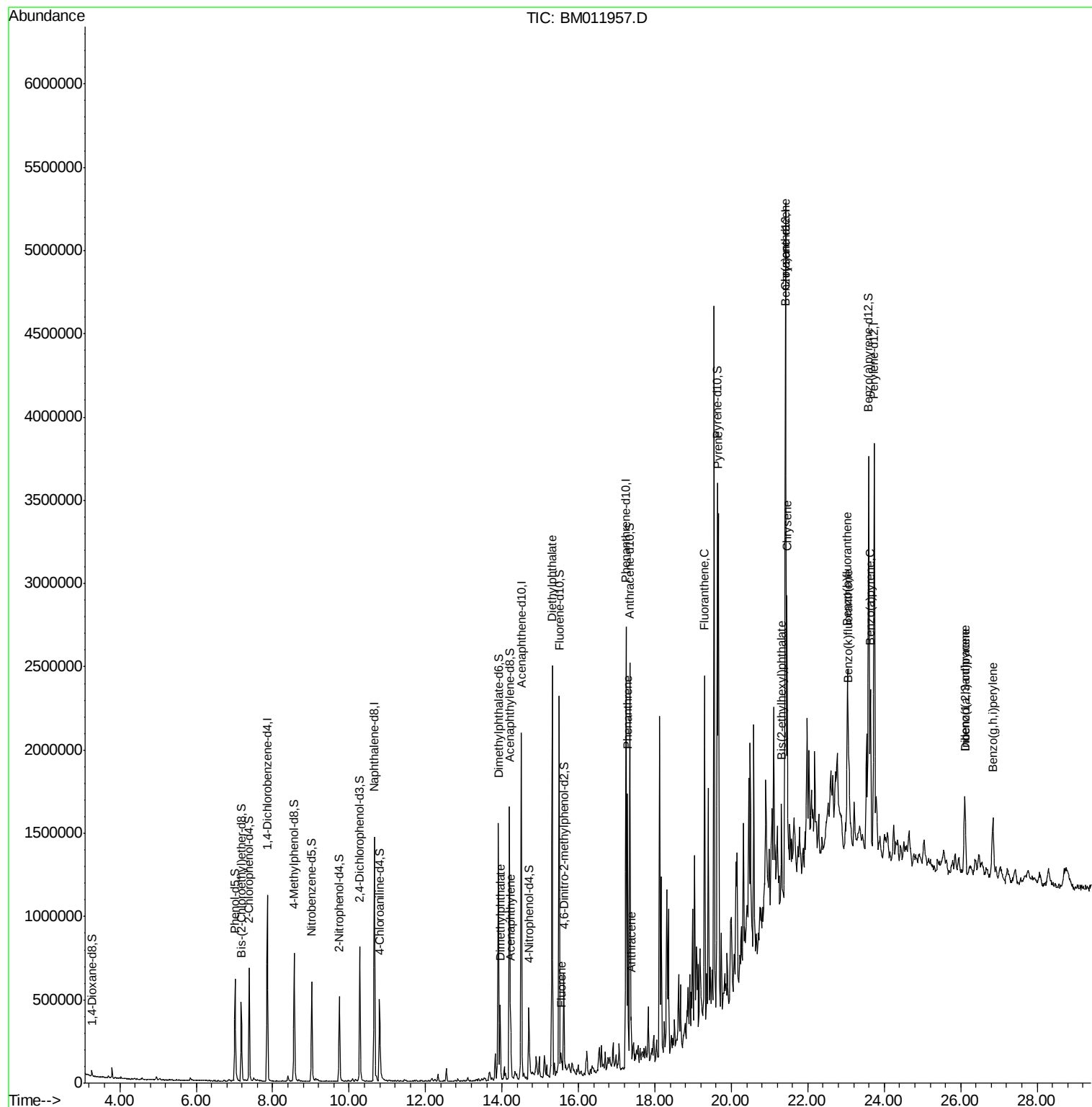
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100617\
Data File : BM011957.D
Acq On : 07 Oct 2017 01:30
Operator : SJ/JU
Sample : I5462-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

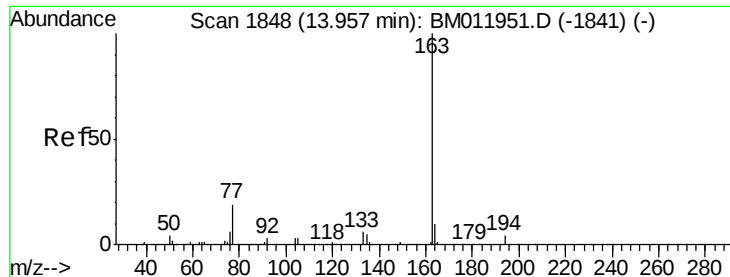
Instrument :
BNA_M
ClientSampleId :
B0BX0

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10/9/2017 6:39:01 PM

Quant Time: Oct 07 06:53:19 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 05:58:48 2017
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 4.20 ng/ul

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM011957.D

Acq: 07 Oct 2017 01:30

Instrument :

BNA_M

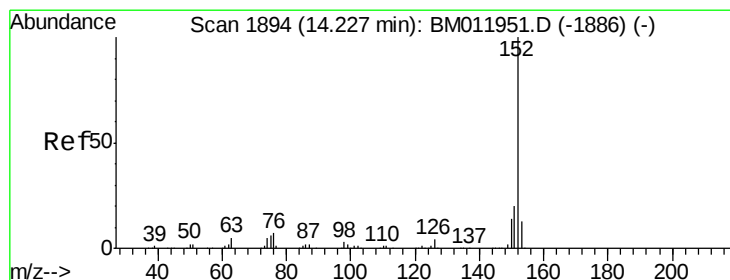
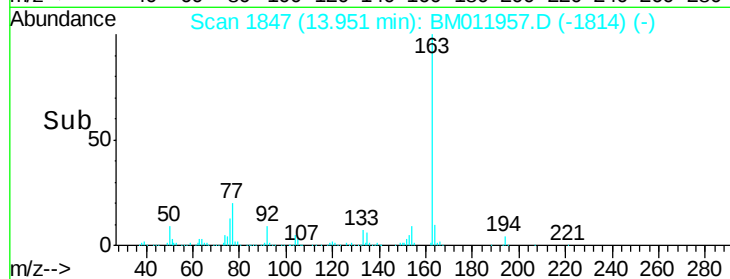
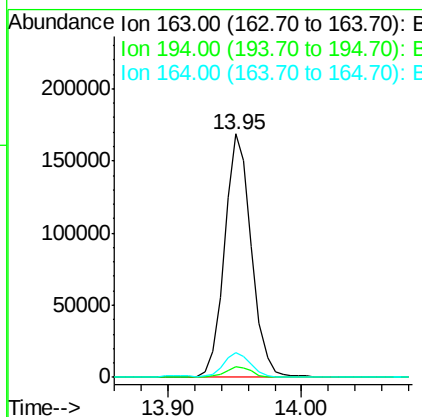
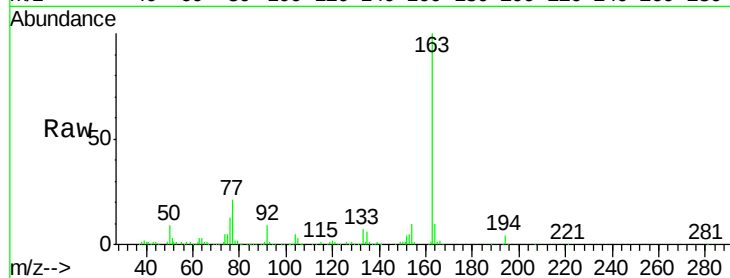
ClientSampleId :

B0BX0

Tgt Ion:	163	Resp:	237575
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.4	8.2	12.4

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#47

Acenaphthylene

Concen: 3.85 ng/ul

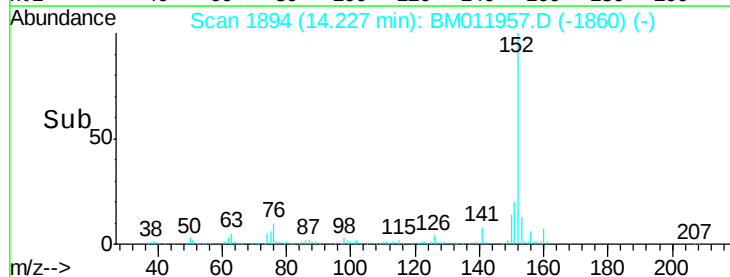
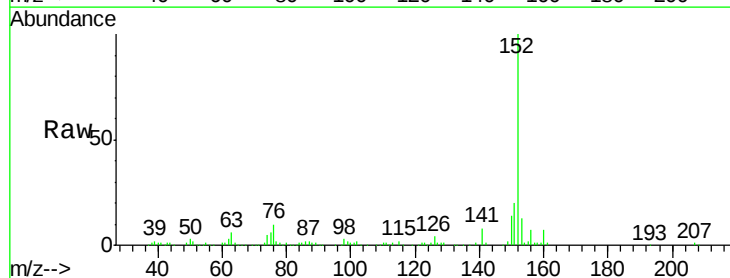
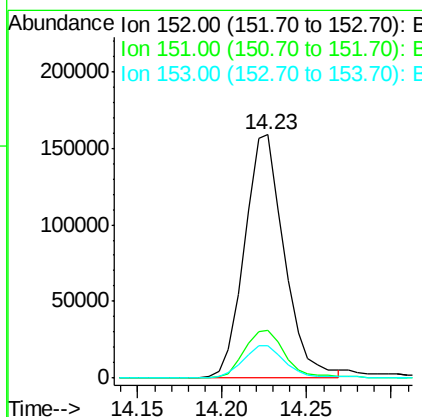
RT: 14.23 min Scan# 1894

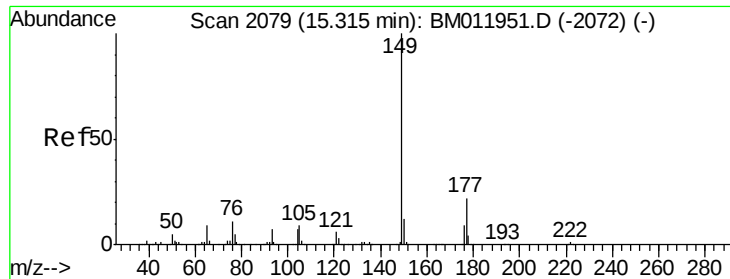
Delta R.T. 0.00 min

Lab File: BM011957.D

Acq: 07 Oct 2017 01:30

Tgt Ion:	152	Resp:	258380
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.3	24.5
153	13.5	10.2	15.4





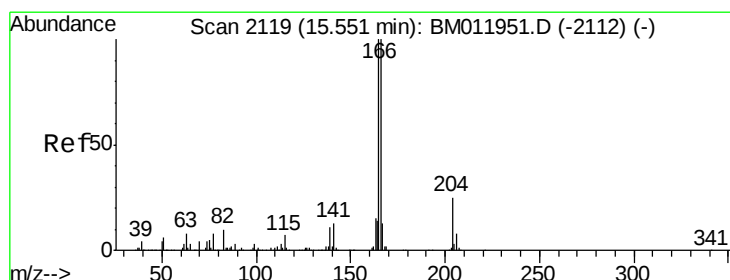
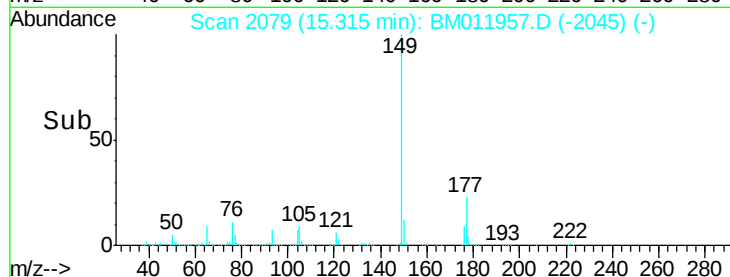
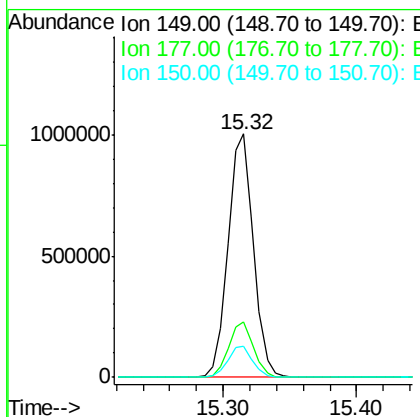
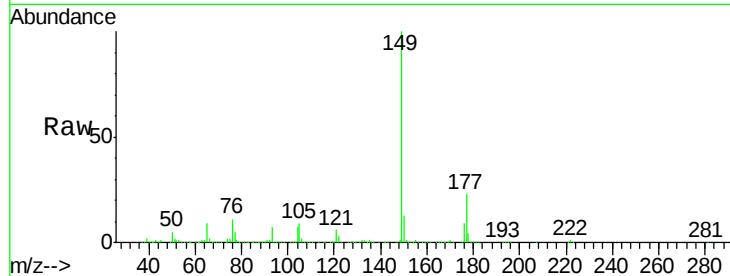
#56
Diethylphthalate
Concen: 23.23 ng/ul
RT: 15.32 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BM011957.D
Acq: 07 Oct 2017 01:30

Instrument :
BNA_M
ClientSampled :
B0BX0

Tgt Ion:149 Resp: 1334391
Ion Ratio Lower Upper
149 100
177 22.7 20.5 30.7
150 12.5 10.6 15.8

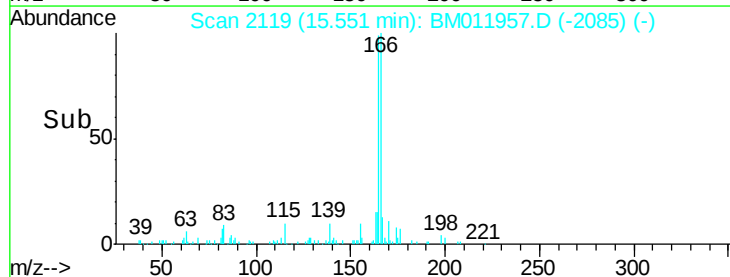
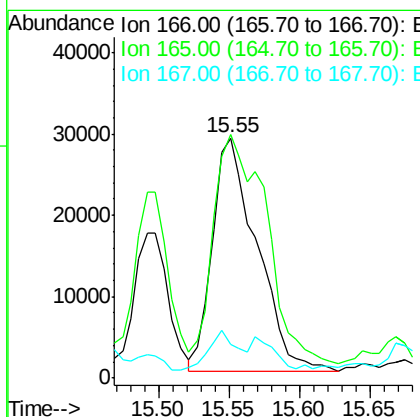
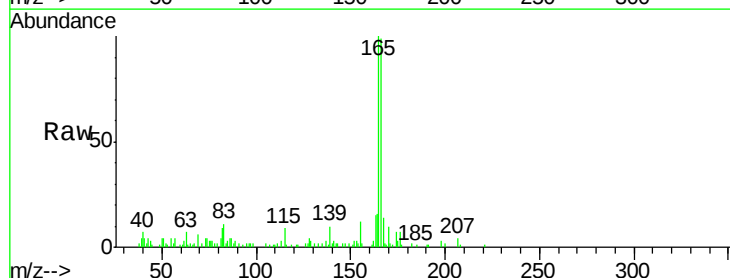
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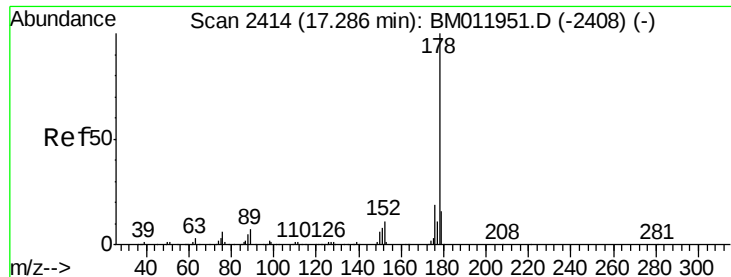
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#58
Fluorene
Concen: 1.12 ng/ul
RT: 15.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BM011957.D
Acq: 07 Oct 2017 01:30

Tgt Ion:166 Resp: 62720
Ion Ratio Lower Upper
166 100
165 101.4 77.9 116.9
167 14.0 10.6 16.0





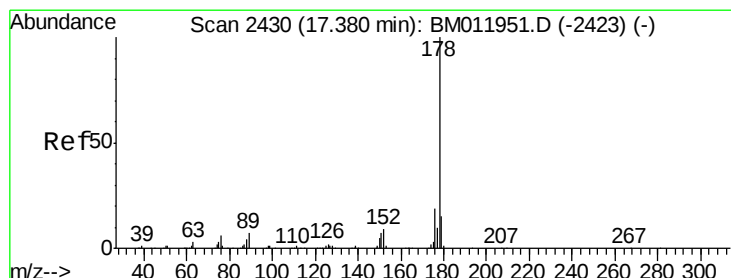
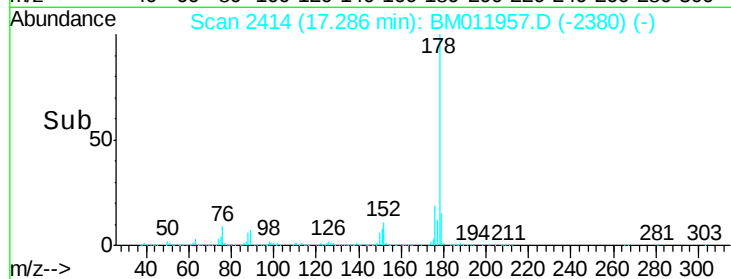
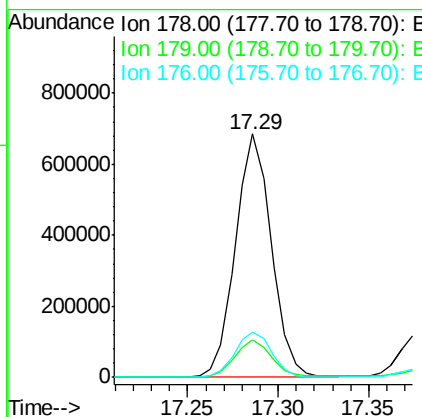
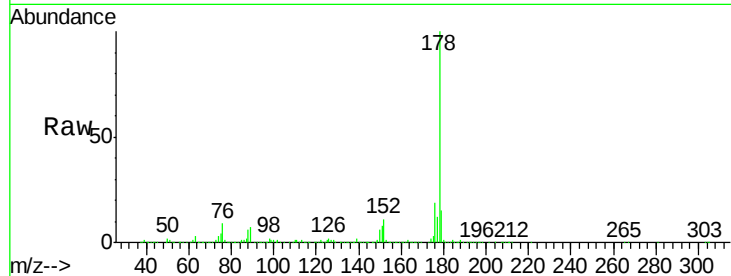
#69
Phenanthrene
Concen: 11.46 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BM011957.D
Acq: 07 Oct 2017 01:30

Instrument :
BNA_M
ClientSampled :
B0BX0

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	18.7	14.9	22.3

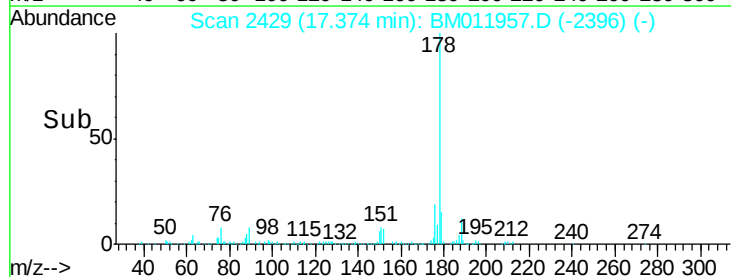
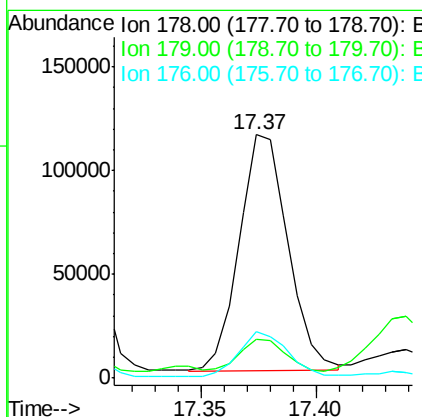
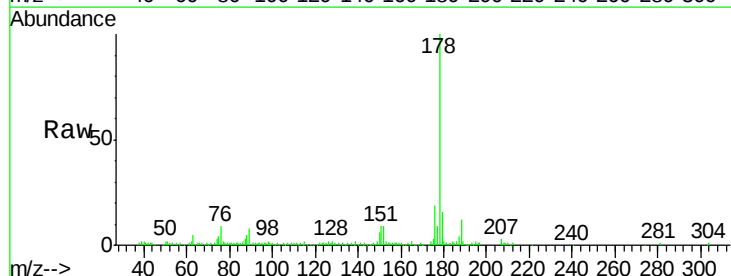
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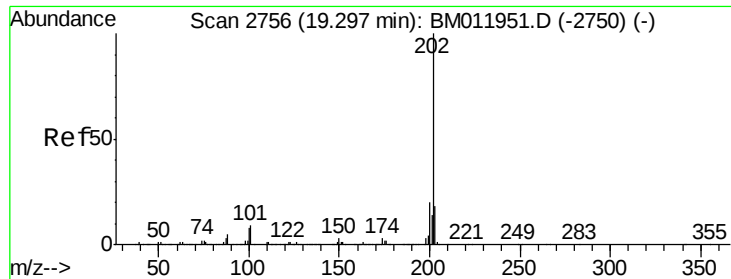
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#71
Anthracene
Concen: 2.00 ng/ul
RT: 17.37 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM011957.D
Acq: 07 Oct 2017 01:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.7	17.5
176	19.3	14.6	21.8





#74

Fluoranthene

Concen: 10.14 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. 0.00 min

Lab File: BM011957.D

Acq: 07 Oct 2017 01:30

Instrument :

BNA_M

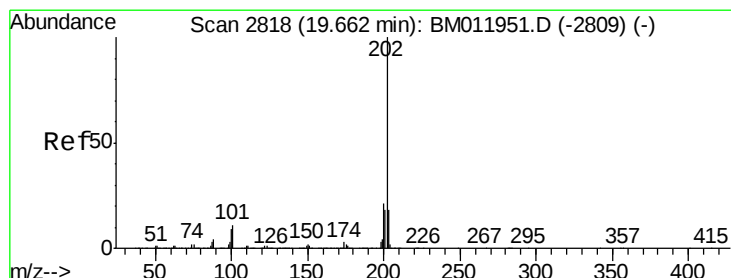
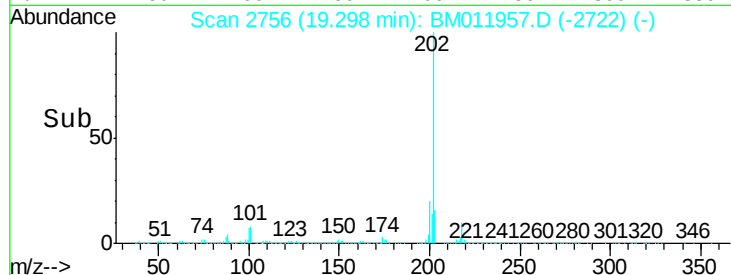
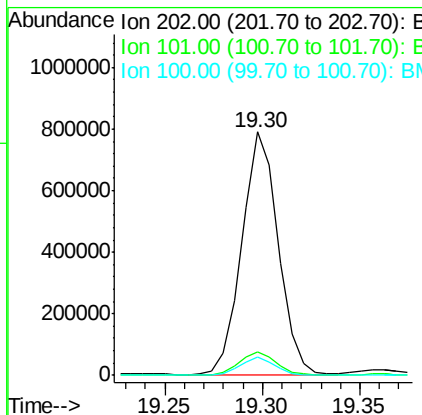
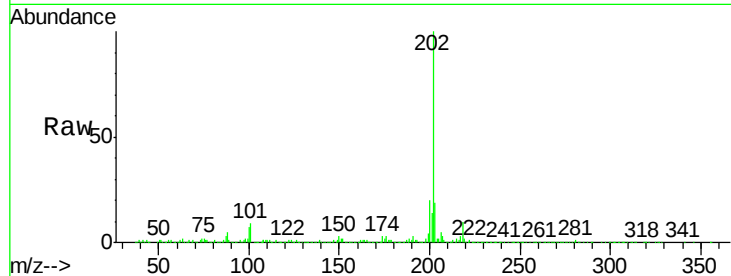
ClientSampleId :

B0BX0

Tgt Ion:	202	Resp:	1016444
Ion Ratio	Lower	Upper	
202	100		
101	9.5	4.6	7.0#
100	7.5	3.4	5.2#

Manual Integrations
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#77

Pyrene

Concen: 18.03 ng/ul

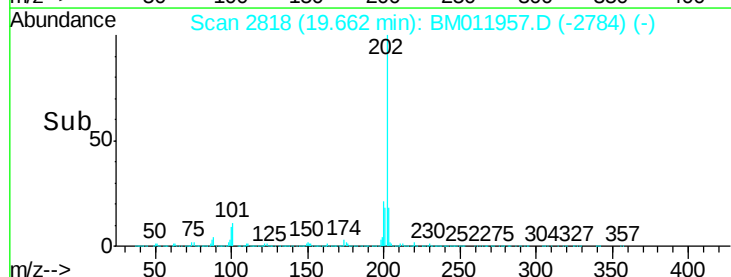
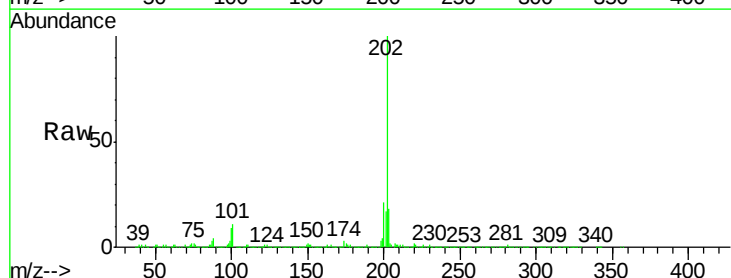
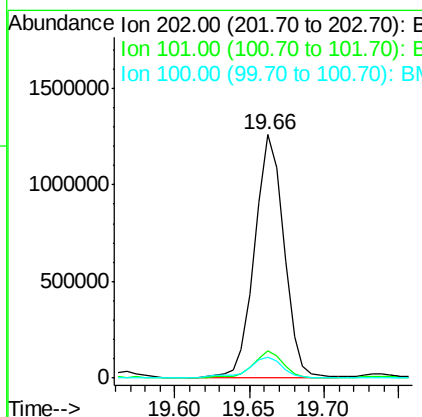
RT: 19.66 min Scan# 2818

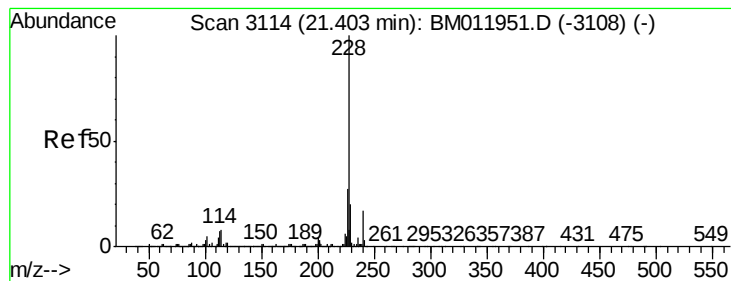
Delta R.T. 0.00 min

Lab File: BM011957.D

Acq: 07 Oct 2017 01:30

Tgt Ion:	202	Resp:	1694236
Ion Ratio	Lower	Upper	
202	100		
101	11.0	5.1	7.7#
100	8.7	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 6.94 ng/ul m

RT: 21.40 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BM011957.D

Acq: 07 Oct 2017 01:30

Instrument :

BNA_M

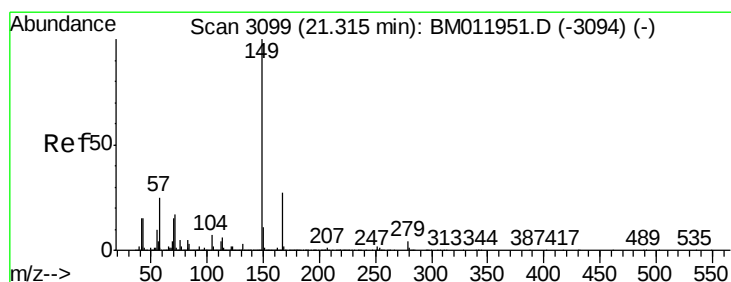
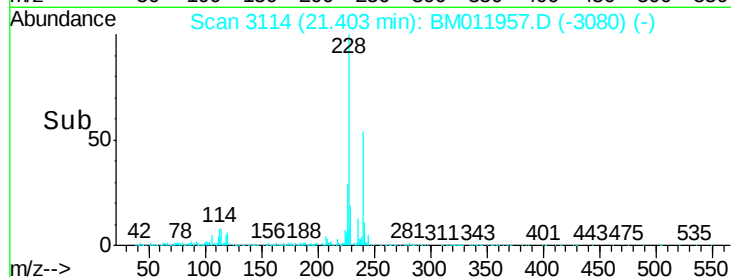
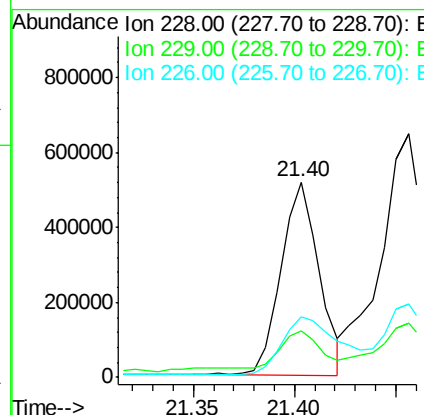
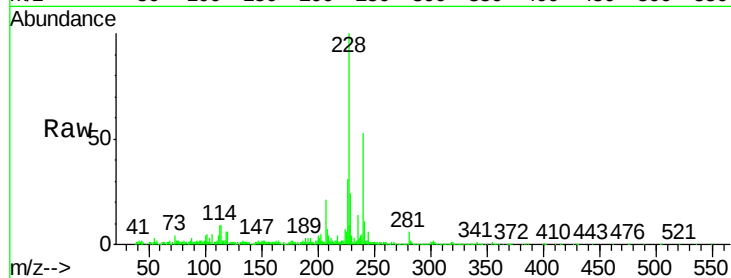
ClientSampleId :

B0BX0

Tgt Ion:	228	Resp:	673526
Ion Ratio	Lower	Upper	
228	100		
229	23.8	15.4	23.0#
226	31.0	21.4	32.0

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#81

Bis(2-ethylhexyl)phthalate

Concen: 3.02 ng/ul

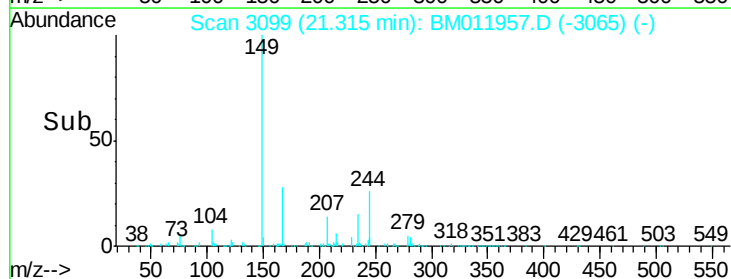
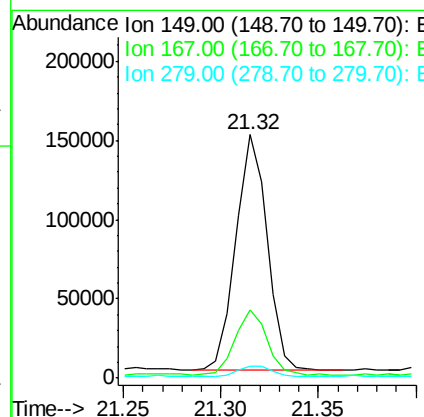
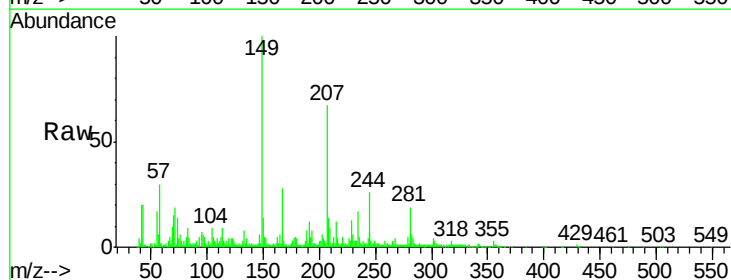
RT: 21.32 min Scan# 3099

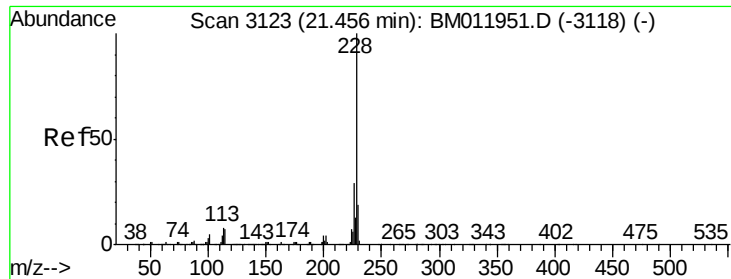
Delta R.T. 0.00 min

Lab File: BM011957.D

Acq: 07 Oct 2017 01:30

Tgt Ion:	149	Resp:	165400
Ion Ratio	Lower	Upper	
149	100		
167	27.8	22.8	34.2
279	4.9	4.9	7.3





#82

Chrysene

Concen: 10.55 ng/ul

RT: 21.46 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BM011957.D

Acq: 07 Oct 2017 01:30

Instrument :

BNA_M

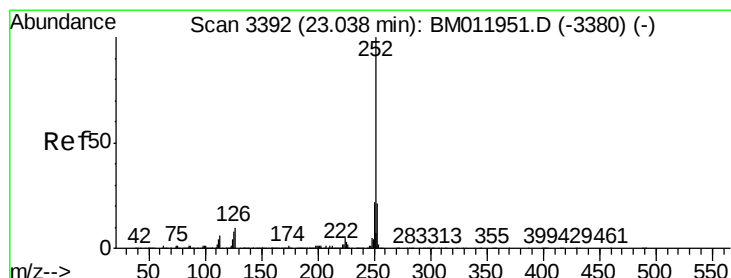
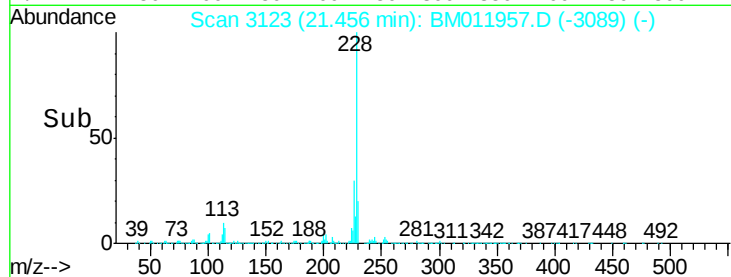
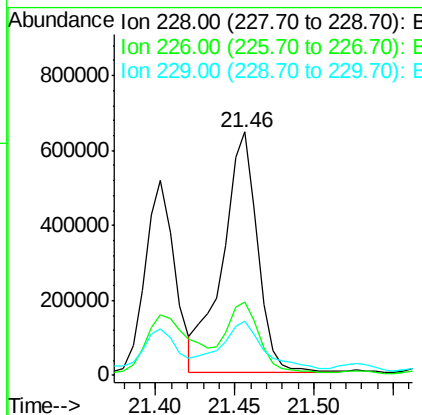
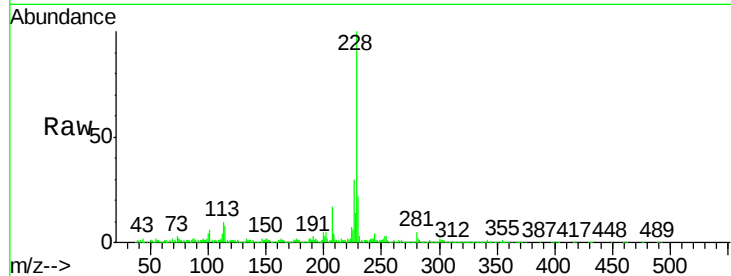
ClientSampleId :

B0BX0

Tgt Ion:	228	Resp:	973302
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.2
229	22.4	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 6.80 ng/ul m

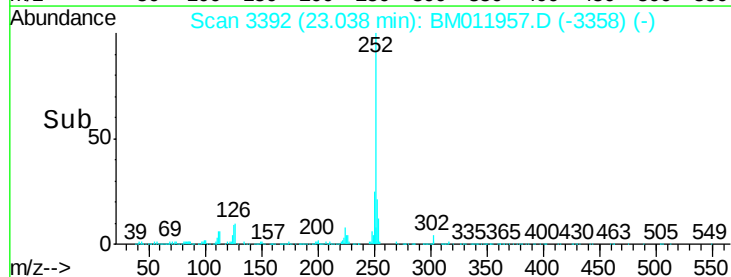
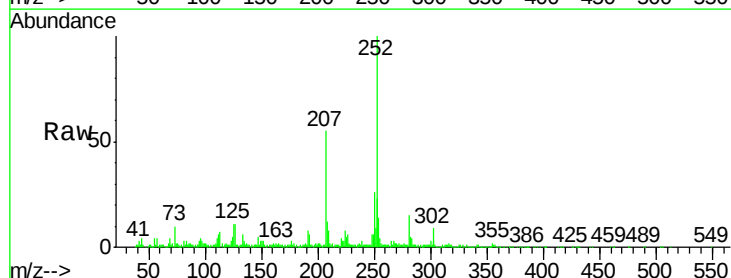
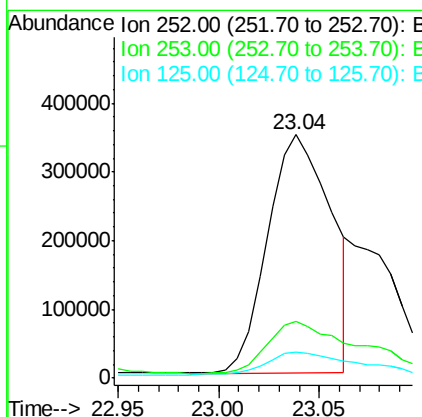
RT: 23.04 min Scan# 3392

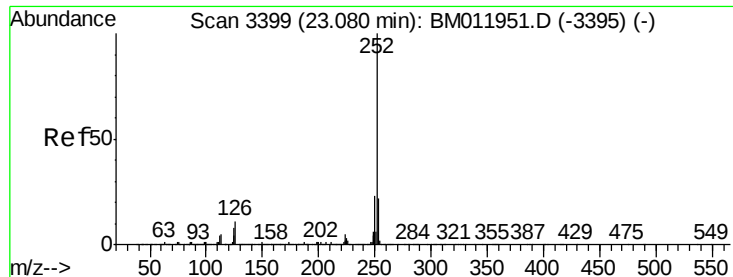
Delta R.T. 0.00 min

Lab File: BM011957.D

Acq: 07 Oct 2017 01:30

Tgt Ion:	252	Resp:	765523
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.9	26.9
125	10.6	3.6	5.4#





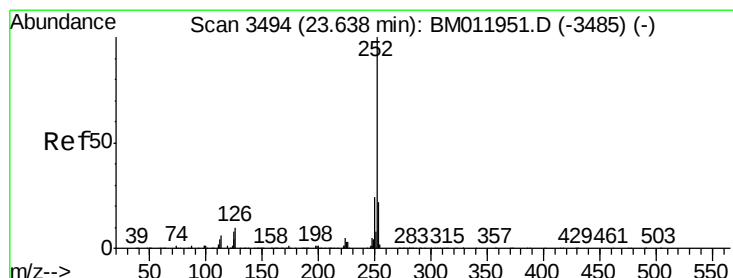
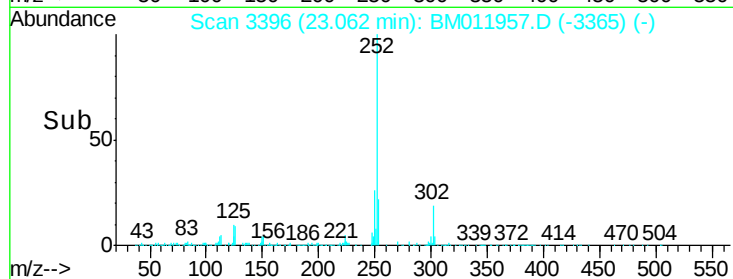
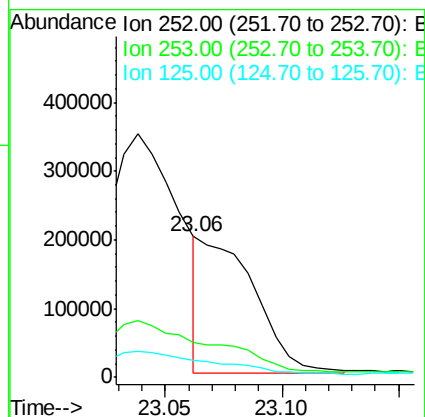
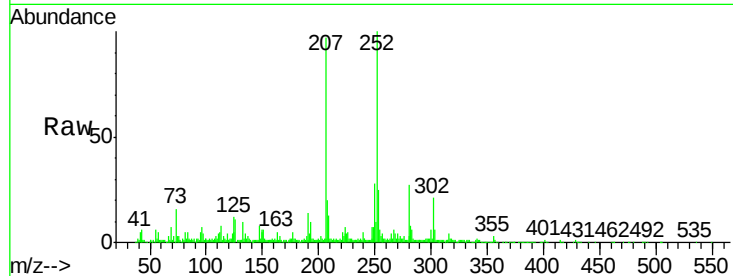
#86
Benzo(k)fluoranthene
Concen: 2.80 ng/ul m
RT: 23.06 min Scan# 3396
Delta R.T. -0.02 min
Lab File: BM011957.D
Acq: 07 Oct 2017 01:30

Instrument :
BNA_M
ClientSampleId :
B0BX0

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.7	17.1	25.7
125	11.8	3.4	5.2

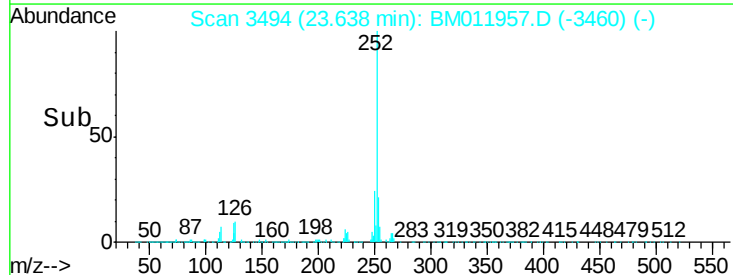
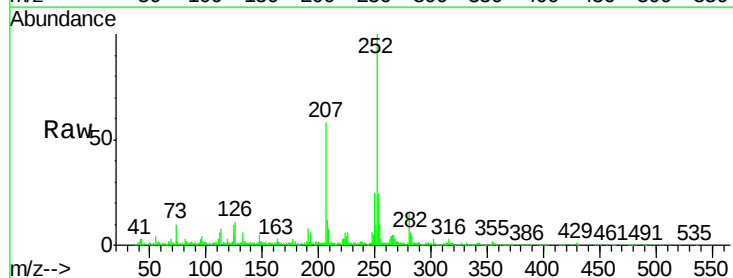
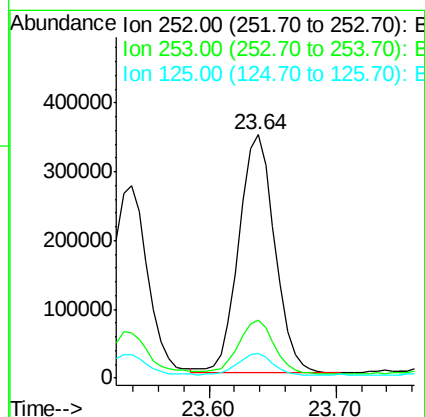
Manual Integrations
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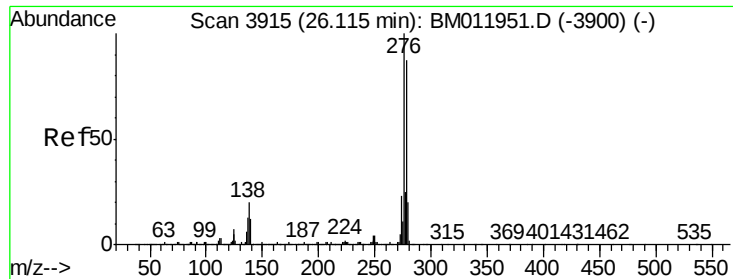
Sohil
10/9/2017 6:39:01 PM



#88
Benzo(a)pyrene
Concen: 6.31 ng/ul
RT: 23.64 min Scan# 3494
Delta R.T. 0.00 min
Lab File: BM011957.D
Acq: 07 Oct 2017 01:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.7	18.2	27.2
125	10.2	4.0	6.0





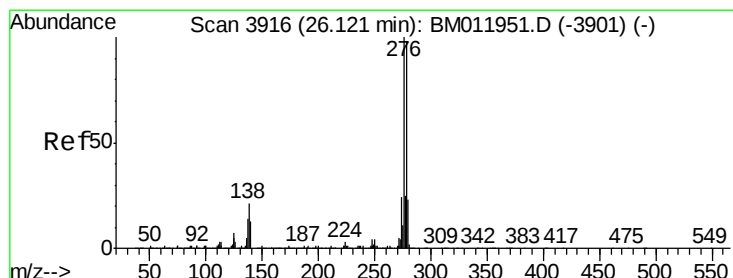
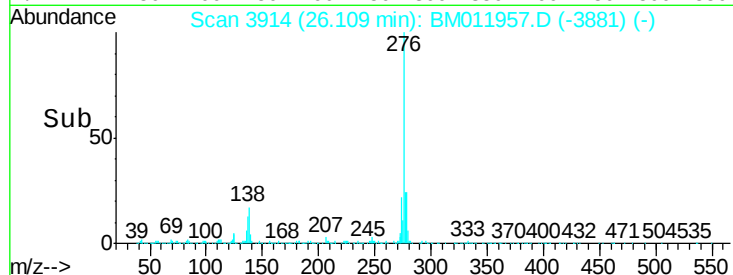
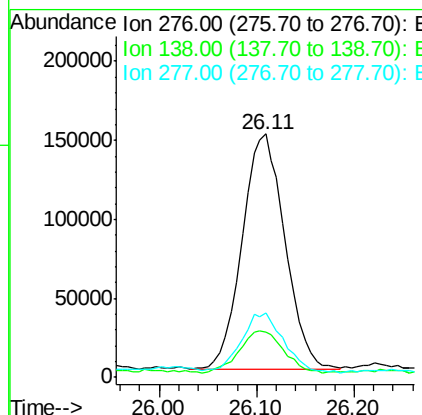
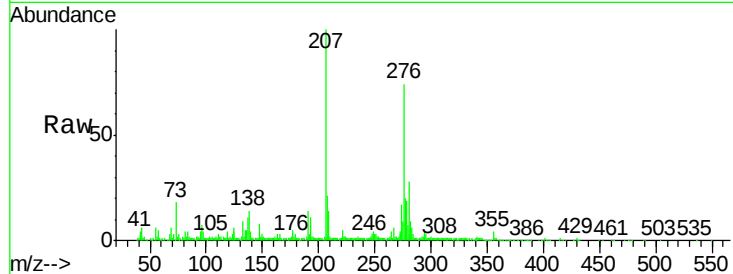
#89
Indeno(1,2,3-cd)pyrene
Concen: 3.95 ng/ul
RT: 26.11 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BM011957.D
Acq: 07 Oct 2017 01:30

Instrument :
BNA_M
ClientSampleId :
B0BX0

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	457160		
138	18.6	9.3	13.9#	
277	26.3	19.9	29.9	

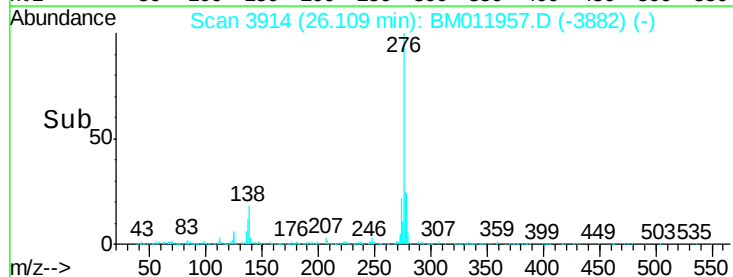
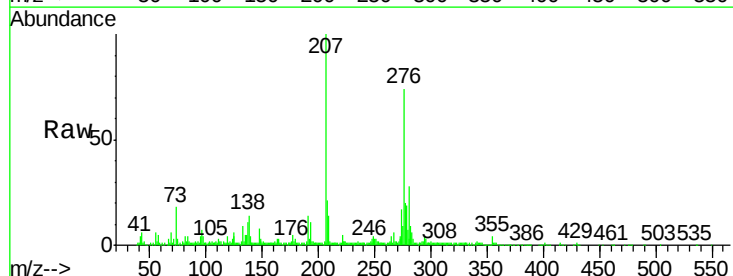
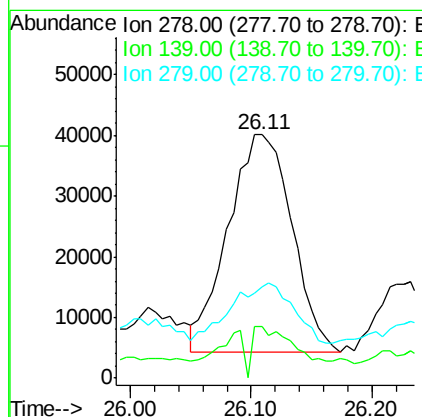
Manual Integrations
APPROVED

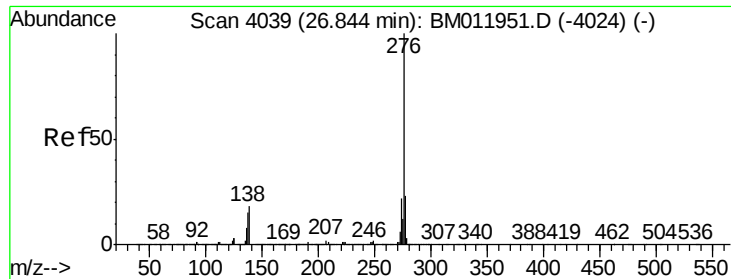
Sohil
10/9/2017 6:39:01 PM



#90
Dibenzo(a,h)anthracene
Concen: 1.39 ng/ul
RT: 26.11 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BM011957.D
Acq: 07 Oct 2017 01:30

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	131809		
139	21.0	5.8	8.8#	
279	37.5	18.6	27.8#	





#91
 Benzo(g,h,i)perylene
 Concen: 5.05 ng/ul
 RT: 26.84 min Scan# 4038
 Delta R.T. -0.01 min
 Lab File: BM011957.D
 Acq: 07 Oct 2017 01:30

Instrument :
 BNA_M
 ClientSampleId :
 B0BX0

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	19.4	8.5	12.7#
277	24.7	18.6	28.0

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:39:01 PM

