

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\
 Data File : BM013420.D
 Acq On : 15 Dec 2017 02:27
 Operator : SJ/JU
 Sample : I6775-15 30X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A50

Manual Integrations
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Quant Time: Dec 15 13:23:38 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 05:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	220470	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	926900	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	524983	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1100151	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	857596	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	806597	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	280	0.06	ng/uL	0.00
5) Phenol-d5	6.86	99	9151	0.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	6553	0.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	7719	0.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	7934	0.49	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	4778	0.65	ng/ul	0.01
22) 2-Nitrophenol-d4	9.55	143	3866	0.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	6854	0.42	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.73	166	28959	0.62	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	32391	0.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	2970m	0.37	ng/ul	0.02
57) Fluorene-d10	15.32	176	26416	0.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	2443	0.35	ng/ul	0.00
70) Anthracene-d10	17.16	188	40396	0.73	ng/ul	0.00
76) Pyrene-d10	19.46	212	35582	0.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	25149	0.61	ng/ul	0.01

Target Compounds

					Qvalue	
28) Naphthalene	10.50	128	200408	4.202	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	62760	1.751	ng/ul	93
47) Acenaphthylene	14.04	152	318354	5.967	ng/ul	98
49) Acenaphthene	14.38	153	226807	6.241	ng/ul	96
53) Dibenzofuran	14.72	168	197276	3.677	ng/ul	100
58) Fluorene	15.37	166	133190	3.001	ng/ul	98
68) Pentachlorophenol	16.72	266	90558	10.978	ng/ul	96
69) Phenanthrene	17.11	178	1454635	23.274	ng/ul	99
71) Anthracene	17.20	178	1262213	19.757	ng/ul	98
72) Carbazole	17.47	167	220528	4.013	ng/ul	99
74) Fluoranthene	19.13	202	2829147	36.937	ng/ul#	94
77) Pyrene	19.50	202	3310013	63.530	ng/ul#	94
80) Benzo(a)anthracene	21.24	228	2291864	42.120	ng/ul	98
82) Chrysene	21.30	228	3153180	62.463	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	6335118	116.510	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	1876078m	36.664	ng/ul	
88) Benzo(a)pyrene	23.40	252	2785481	57.028	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.72	276	1782616	36.782	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.72	278	481942	11.679	ng/ul#	92
91) Benzo(g,h,i)perylene	26.40	276	1320845	34.552	ng/ul#	96

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

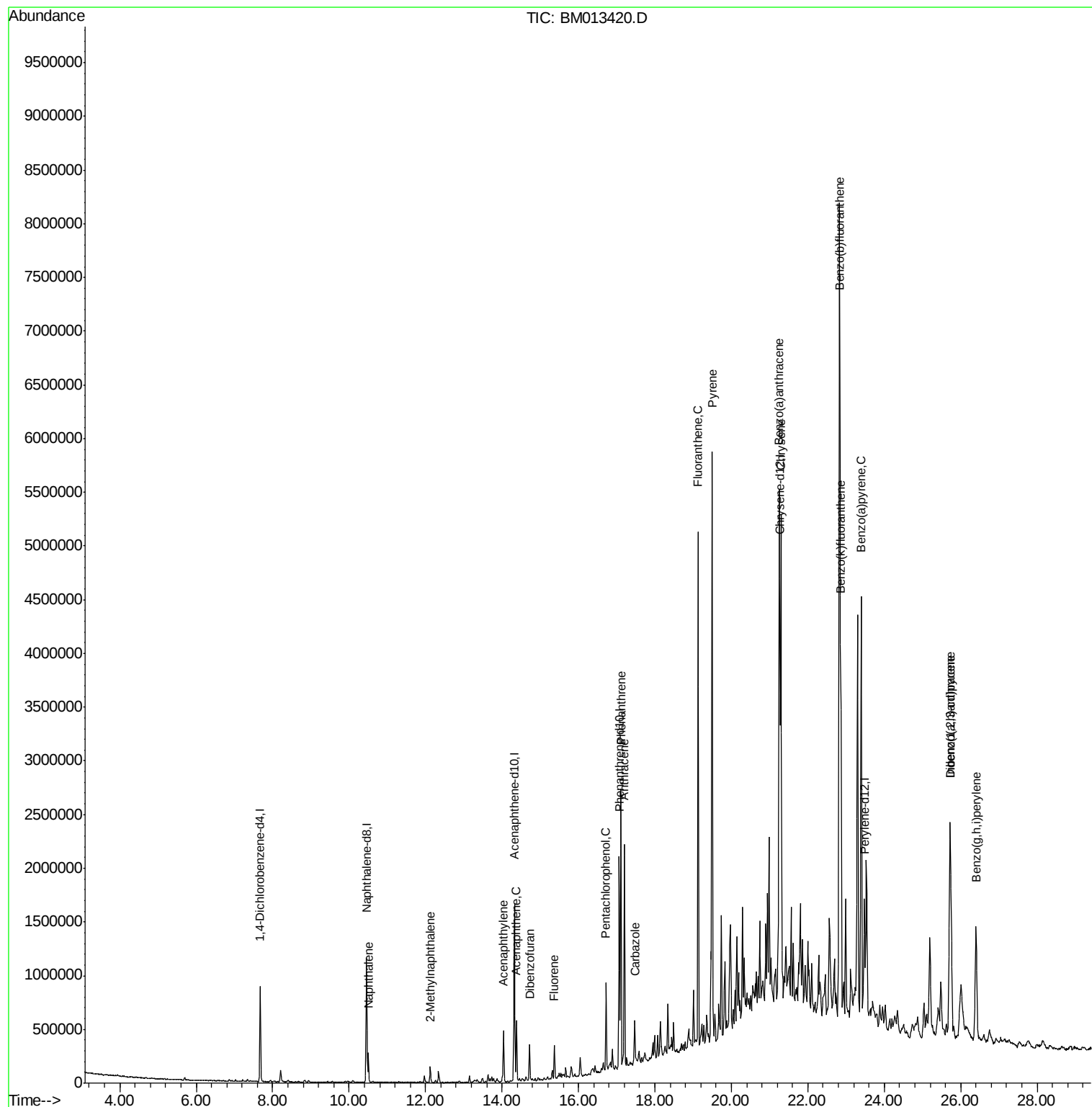
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\
Data File : BM013420.D
Acq On : 15 Dec 2017 02:27
Operator : SJ/JU
Sample : I6775-15 30X
Misc :
ALS Vial : 18 Sample Multiplier: 1

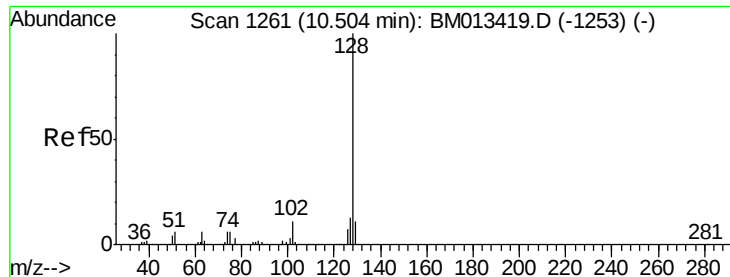
Instrument :
BNA_M
ClientSampleId :
F9A50

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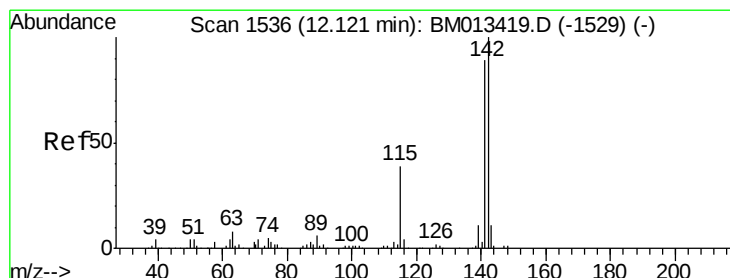
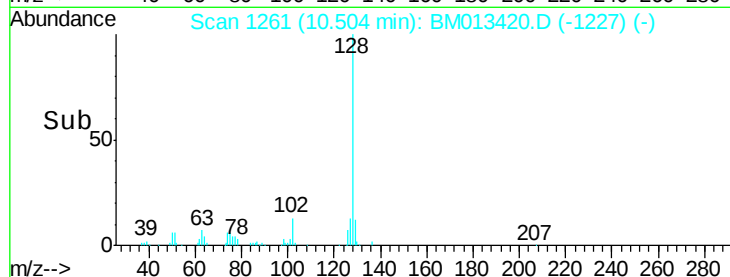
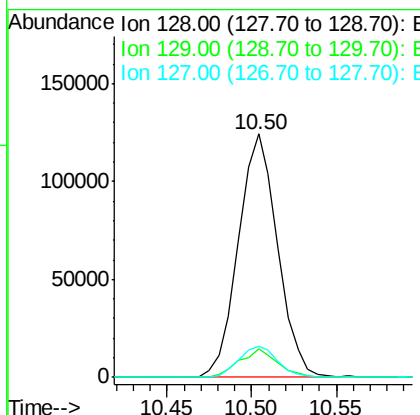
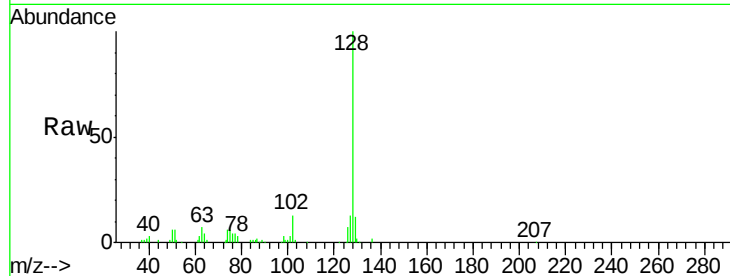
#28
Naphthalene
Concen: 4.202 ng/ul
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM013420.D
Acq: 15 Dec 2017 02:27

Instrument :
BNA_M
ClientSampleId :
F9A50

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	200408		
129	11.7		8.8	13.2
127	12.6		10.6	16.0

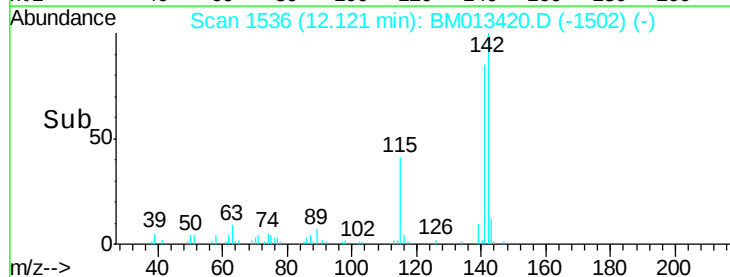
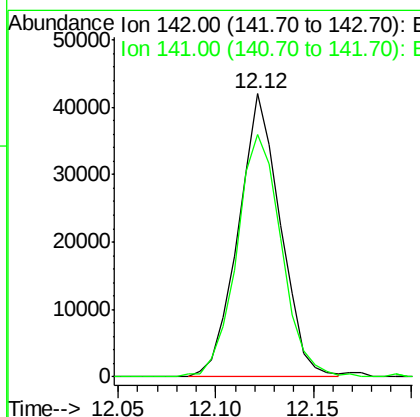
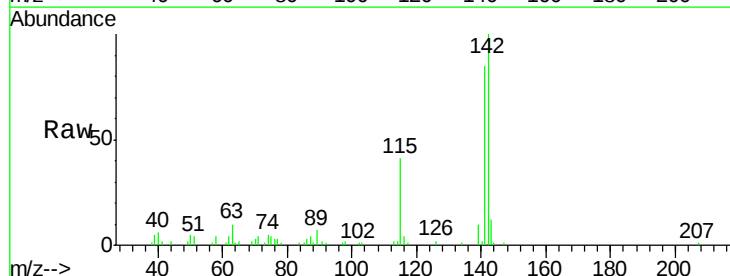
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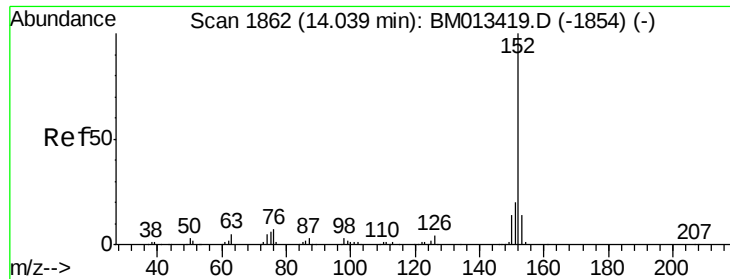
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#34
2-Methylnaphthalene
Concen: 1.751 ng/ul
RT: 12.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BM013420.D
Acq: 15 Dec 2017 02:27

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	62760		
141	85.5		74.1	111.1





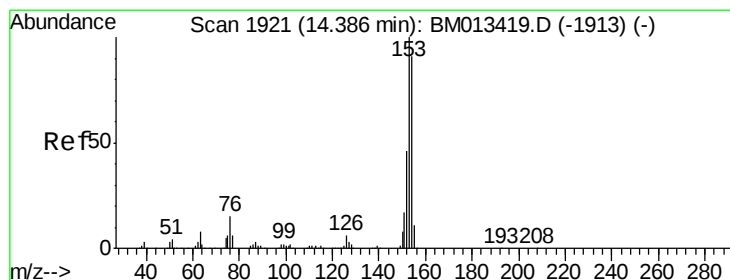
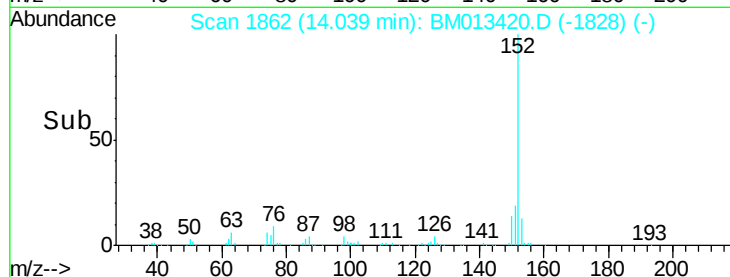
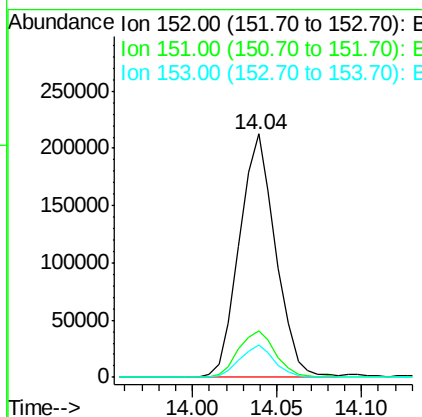
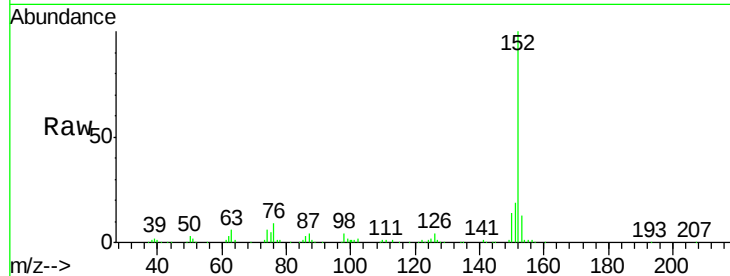
#47
Acenaphthylene
Concen: 5.967 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BM013420.D
Acq: 15 Dec 2017 02:27

Instrument :
BNA_M
ClientSampled :
F9A50

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	318354		
151	19.2		16.3	24.5
153	13.2		10.2	15.4

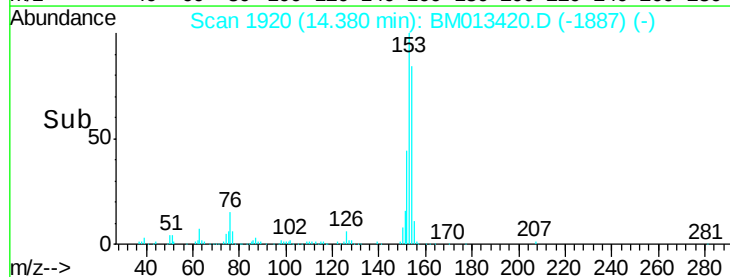
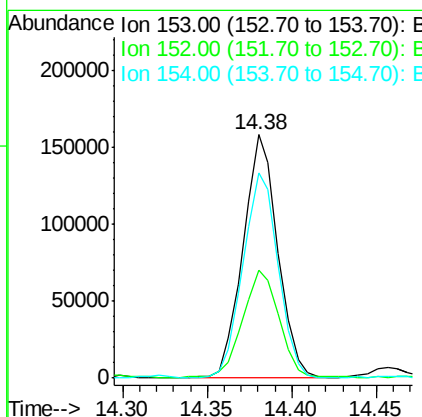
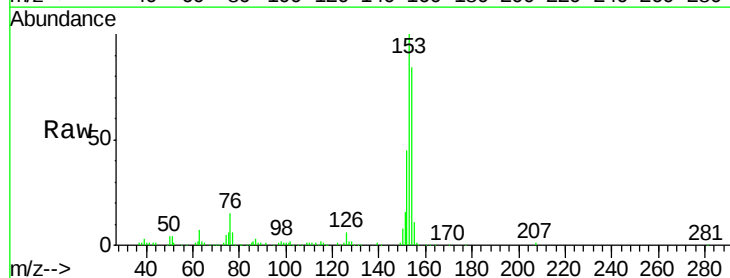
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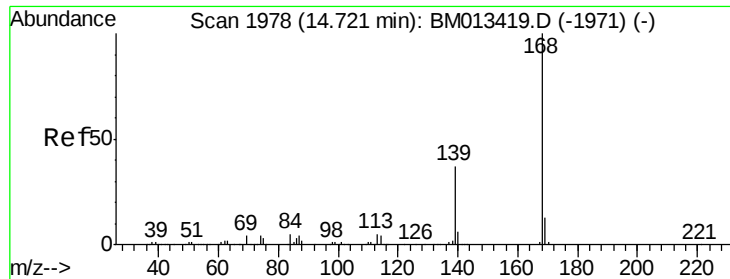
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#49
Acenaphthene
Concen: 6.241 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM013420.D
Acq: 15 Dec 2017 02:27

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	226807		
152	44.5		37.6	56.4
154	84.3		70.4	105.6





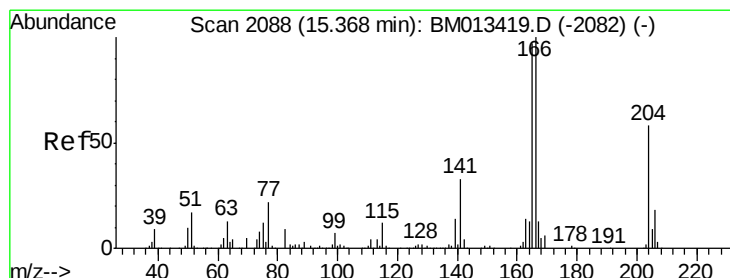
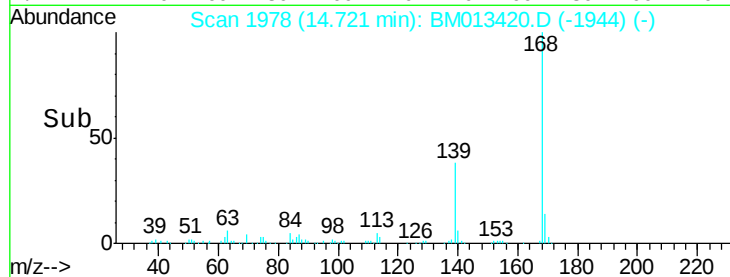
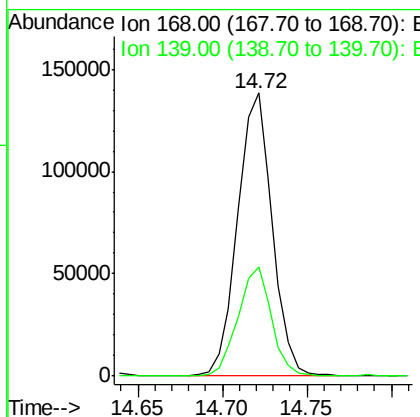
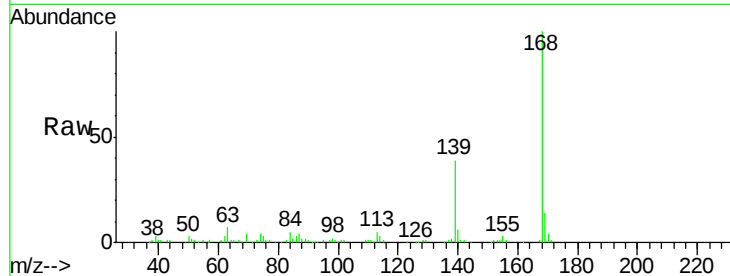
#53
Dibenzenofuran
Concen: 3.677 ng/ul
RT: 14.72 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM013420.D
Acq: 15 Dec 2017 02:27

Instrument :
BNA_M
ClientSampleId :
F9A50

Tgt Ion:168 Resp: 197276
Ion Ratio Lower Upper
168 100
139 38.7 30.8 46.2

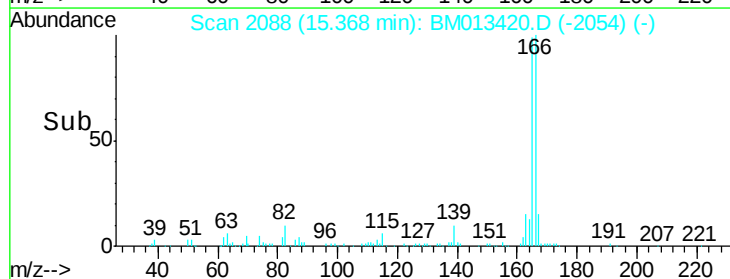
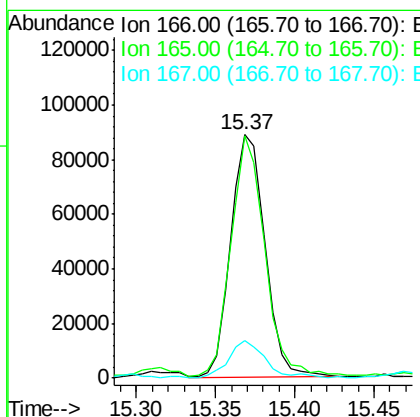
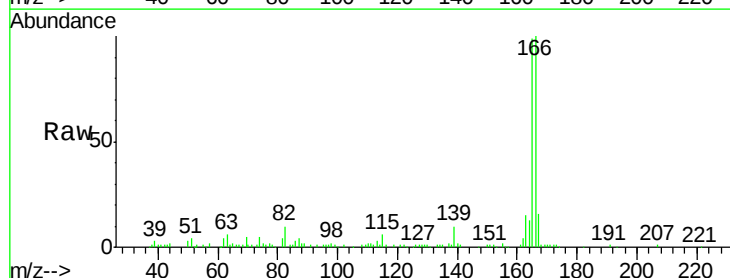
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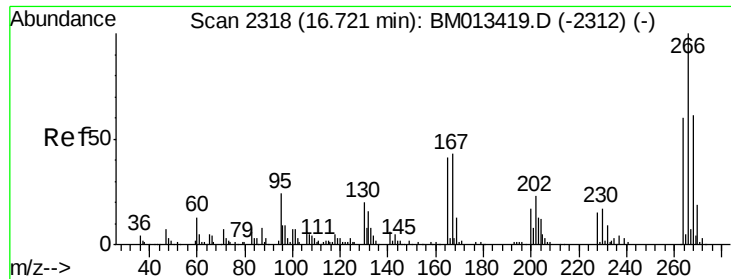
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#58
Fluorene
Concen: 3.001 ng/ul
RT: 15.37 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BM013420.D
Acq: 15 Dec 2017 02:27

Tgt Ion:166 Resp: 133190
Ion Ratio Lower Upper
166 100
165 99.3 77.9 116.9
167 15.6 10.6 16.0





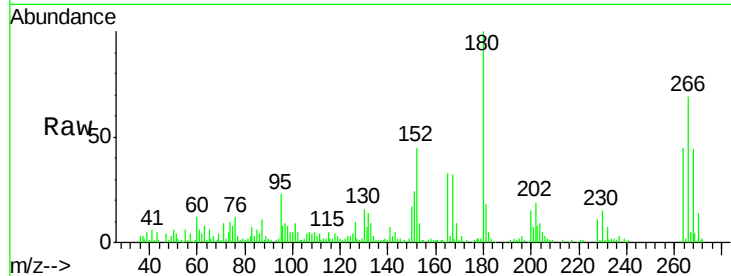
#68
 Pentachlorophenol
 Concen: 10.978 ng/ul
 RT: 16.72 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BM013420.D
 Acq: 15 Dec 2017 02:27

Instrument :
 BNA_M
 ClientSampleId :
 F9A50

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.0	49.3	73.9
268	63.4	52.6	78.8

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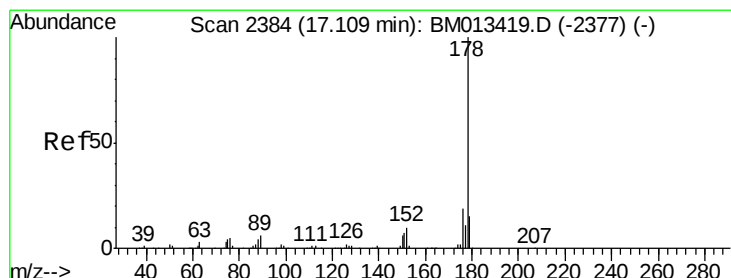
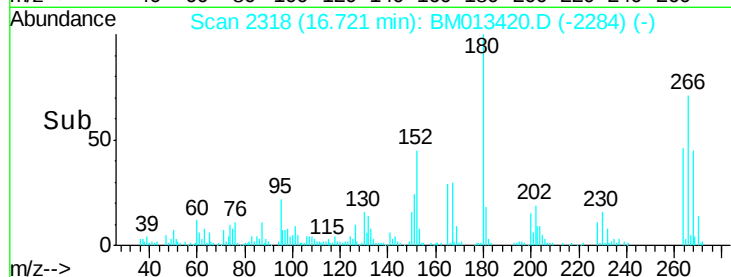
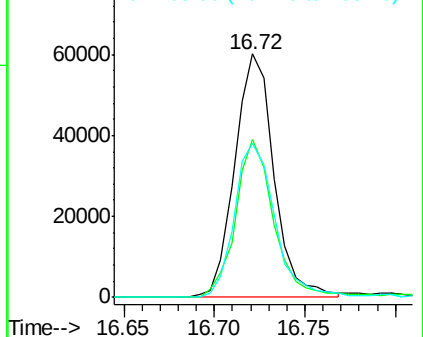


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#69
 Phenanthrene
 Concen: 23.274 ng/ul
 RT: 17.11 min Scan# 2384
 Delta R.T. -0.00 min
 Lab File: BM013420.D
 Acq: 15 Dec 2017 02:27

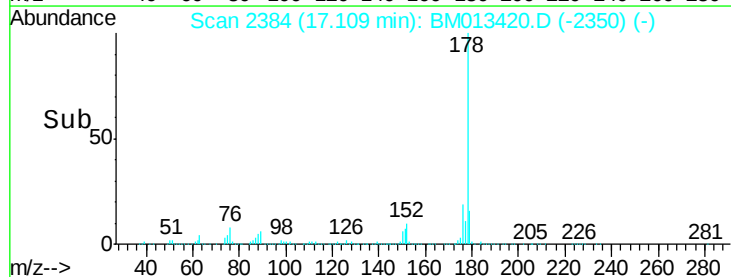
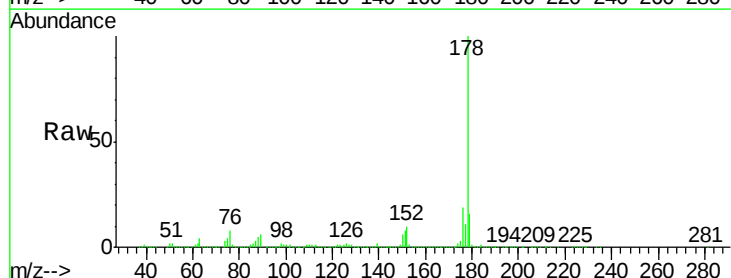
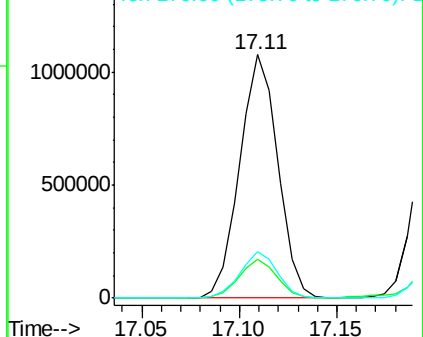
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	19.0	14.9	22.3

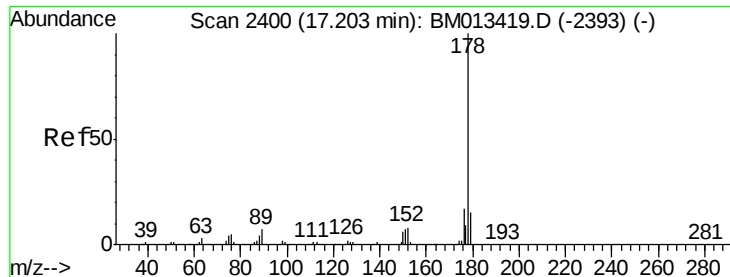
Abundance

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





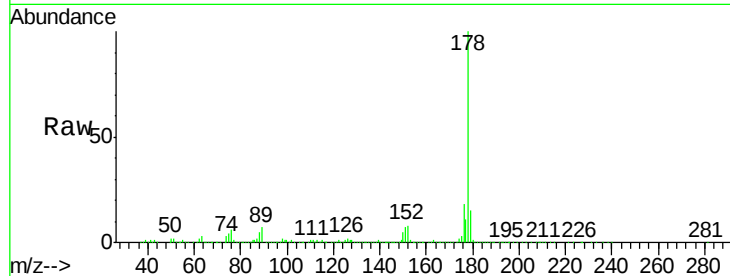
#71
 Anthracene
 Concen: 19.757 ng/ul
 RT: 17.20 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BM013420.D
 Acq: 15 Dec 2017 02:27

Instrument :
 BNA_M
 ClientSampleID :
 F9A50

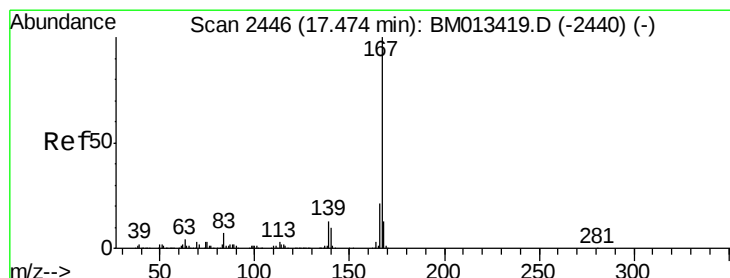
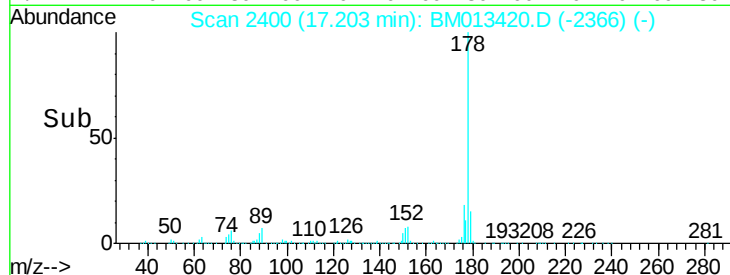
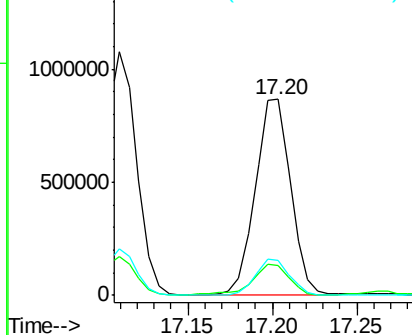
Tgt Ion:178 Resp: 1262213
 Ion Ratio Lower Upper
 178 100
 179 15.4 11.7 17.5
 176 17.6 14.6 21.8

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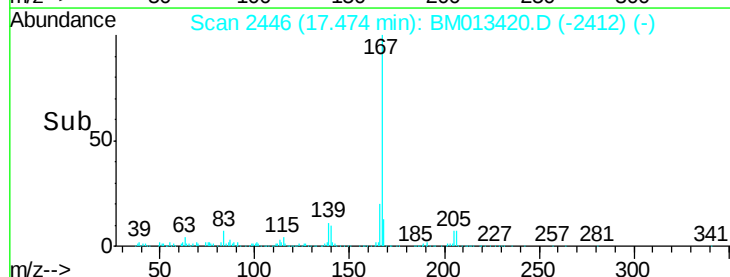
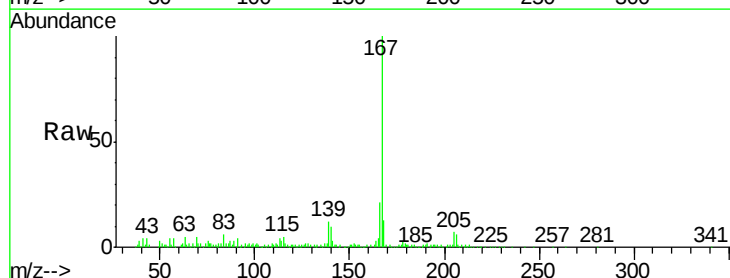
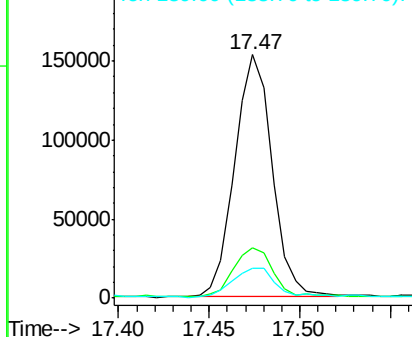
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

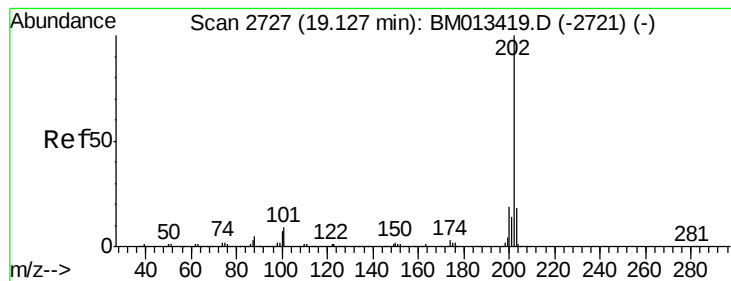


#72
 Carbazole
 Concen: 4.013 ng/ul
 RT: 17.47 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BM013420.D
 Acq: 15 Dec 2017 02:27

Tgt Ion:167 Resp: 220528
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.1 25.7
 139 12.2 10.0 15.0

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 36.937 ng/ul

RT: 19.13 min Scan# 2728

Delta R.T. 0.01 min

Lab File: BM013420.D

Acq: 15 Dec 2017 02:27

Instrument :

BNA_M

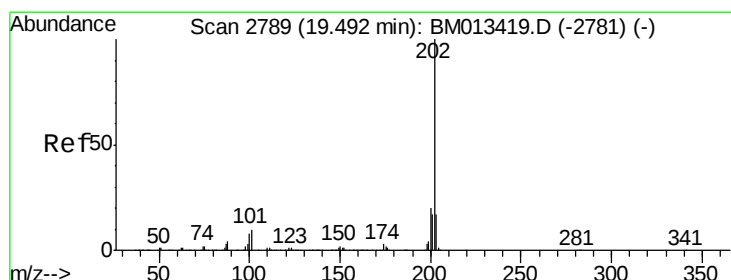
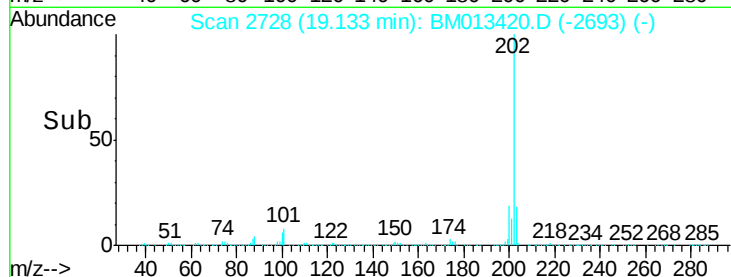
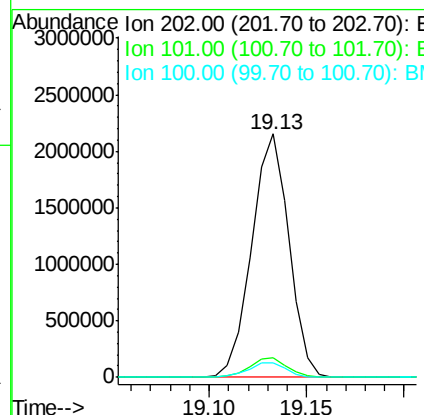
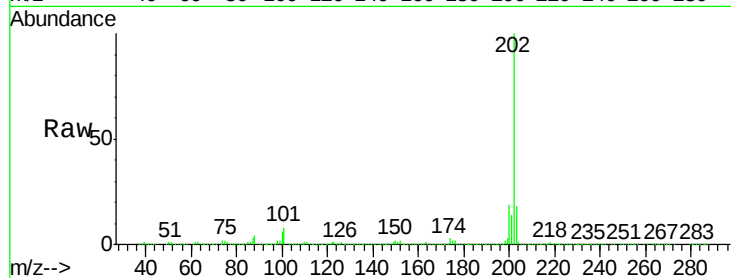
ClientSampleId :

F9A50

Tgt Ion:	202	Resp:	2829147
Ion Ratio	Lower	Upper	
202	100		
101	8.0	4.6	7.0#
100	6.1	3.4	5.2#

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#77

Pyrene

Concen: 63.530 ng/ul

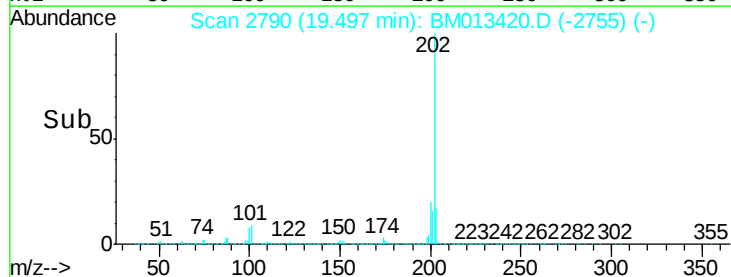
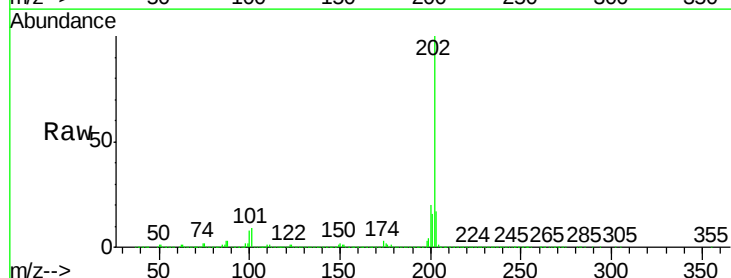
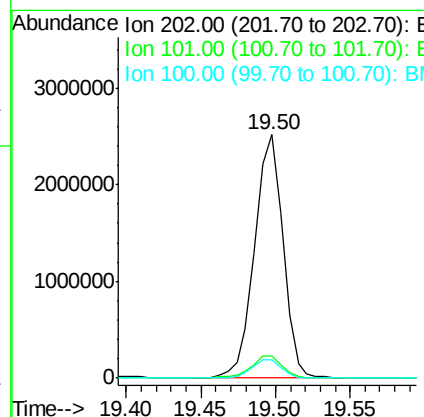
RT: 19.50 min Scan# 2790

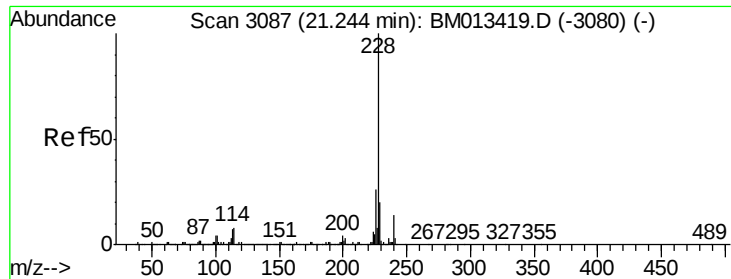
Delta R.T. 0.01 min

Lab File: BM013420.D

Acq: 15 Dec 2017 02:27

Tgt Ion:	202	Resp:	3310013
Ion Ratio	Lower	Upper	
202	100		
101	8.9	5.1	7.7#
100	7.5	4.9	7.3#





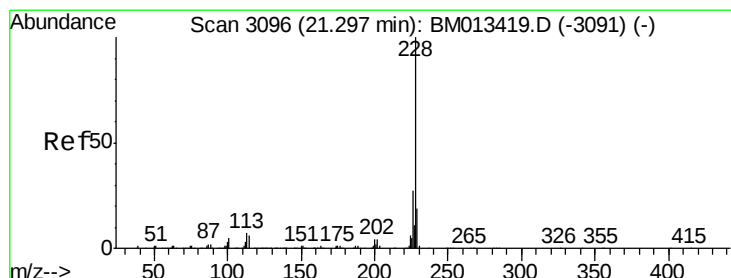
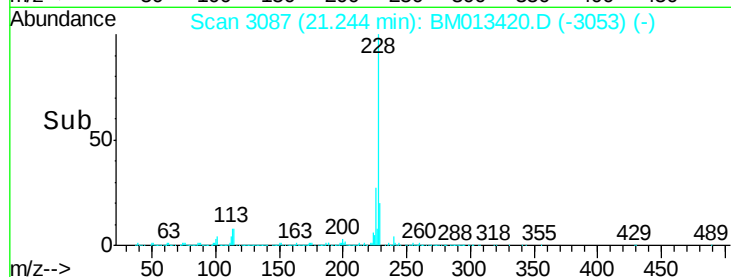
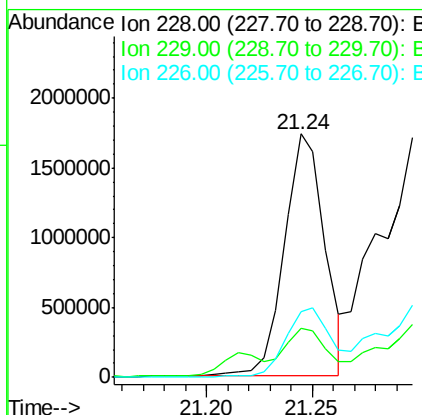
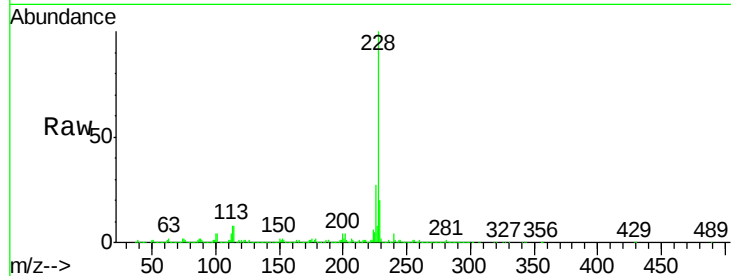
#80
Benzo(a)anthracene
Concen: 42.120 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM013420.D
Acq: 15 Dec 2017 02:27

Instrument :
BNA_M
ClientSampleId :
F9A50

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.4	23.0
226	27.2	21.4	32.0

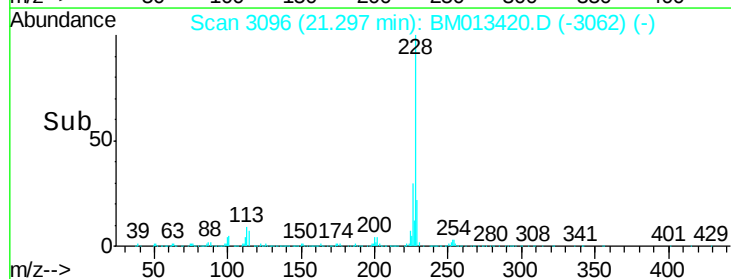
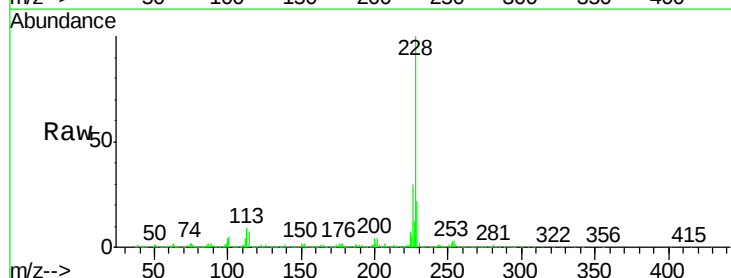
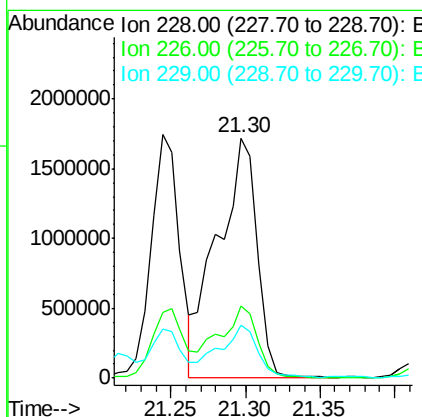
Manual Integrations
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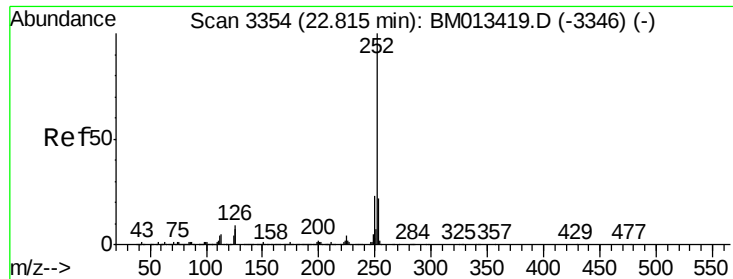
Sohil
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#82
Chrysene
Concen: 62.463 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM013420.D
Acq: 15 Dec 2017 02:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	22.0	15.5	23.3





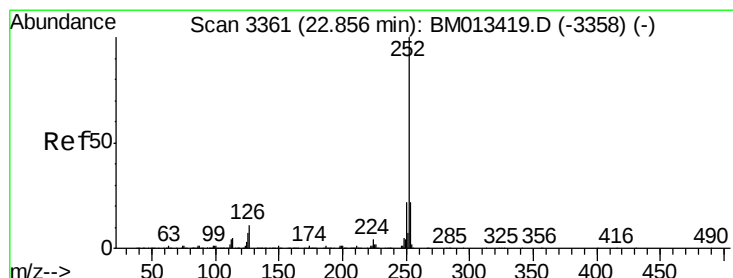
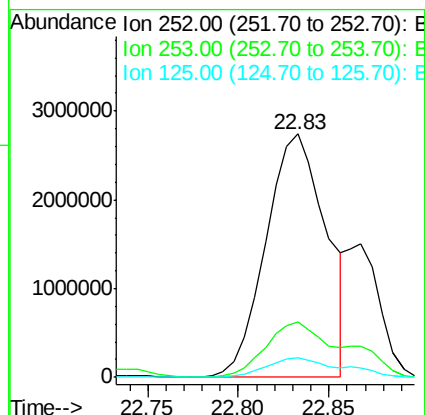
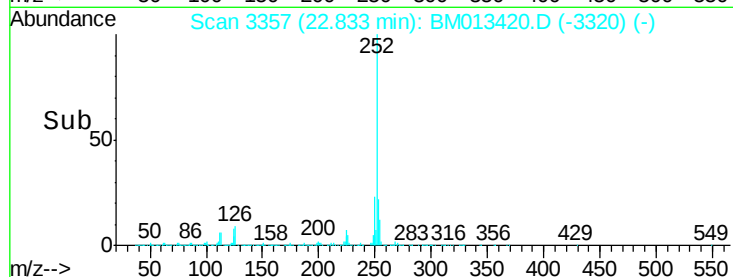
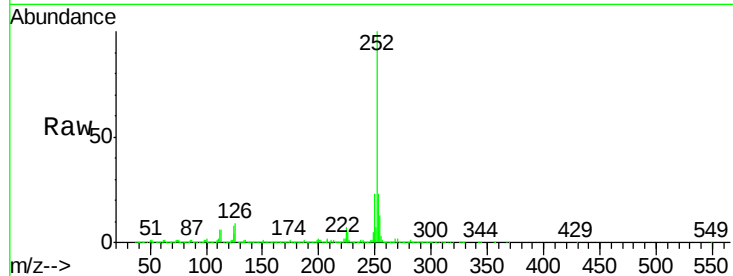
#85
Benzo(b)fluoranthene
Concen: 116.510 ng/ul
RT: 22.83 min Scan# 3357
Delta R.T. 0.02 min
Lab File: BM013420.D
Acq: 15 Dec 2017 02:27

Instrument :
BNA_M
ClientSampleId :
F9A50

Tgt Ion:252 Resp: 6335118
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 7.9 3.6 5.4#

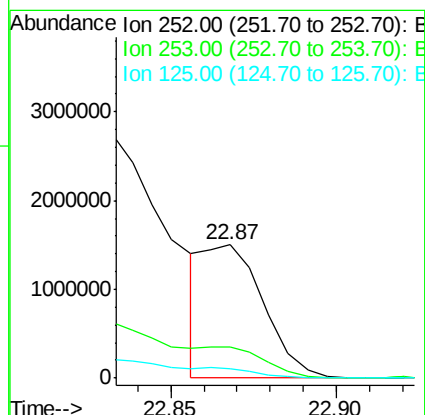
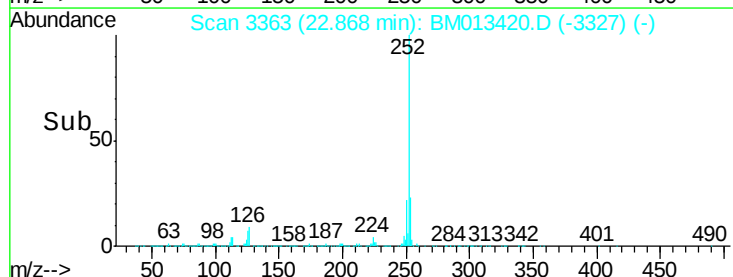
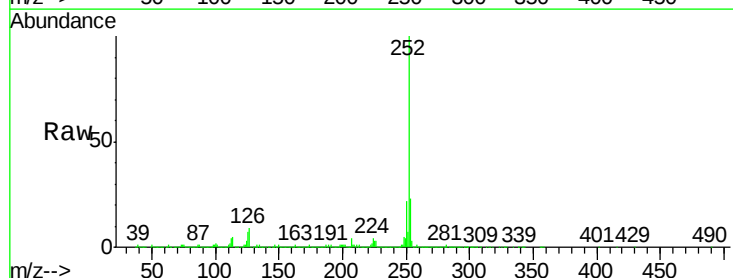
Manual Integrations
APPROVED

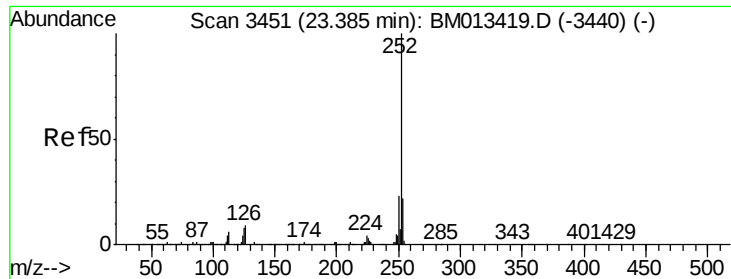
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#86
Benzo(k)fluoranthene
Concen: 36.664 ng/ul m
RT: 22.87 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BM013420.D
Acq: 15 Dec 2017 02:27

Tgt Ion:252 Resp: 1876078
Ion Ratio Lower Upper
252 100
253 22.9 17.1 25.7
125 7.1 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 57.028 ng/ul

RT: 23.40 min Scan# 3453

Delta R.T. 0.01 min

Lab File: BM013420.D

Acq: 15 Dec 2017 02:27

Instrument :

BNA_M

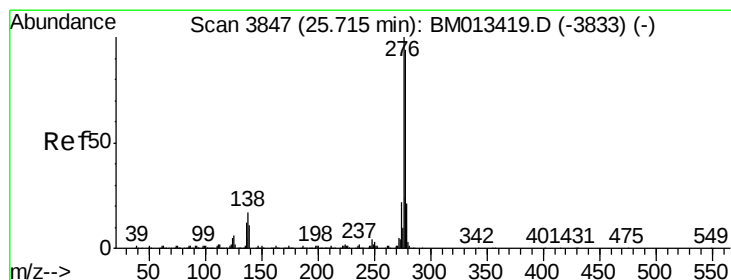
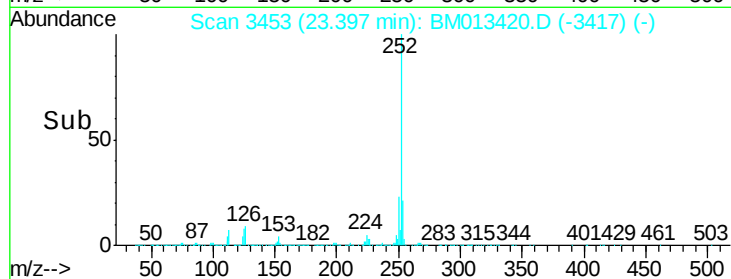
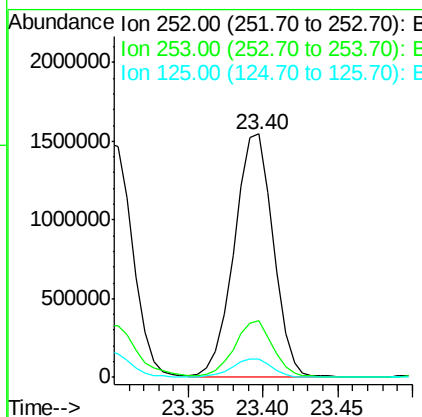
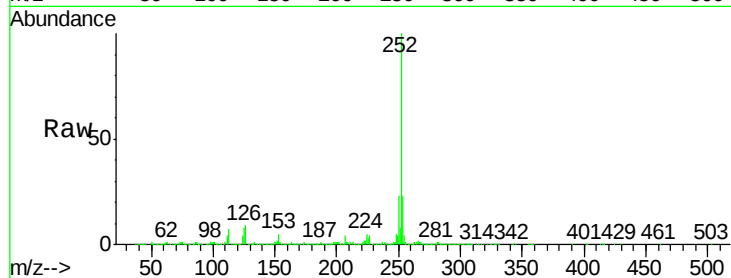
ClientSampleId :

F9A50

Tgt Ion:	252	Resp:	2785481
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.2	27.2
125	7.6	4.0	6.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 36.782 ng/ul

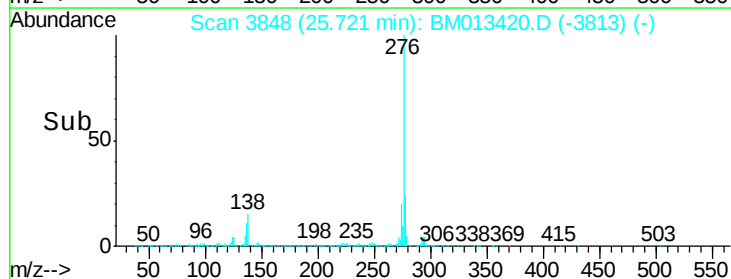
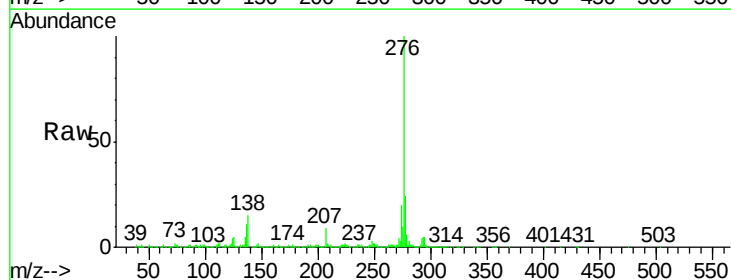
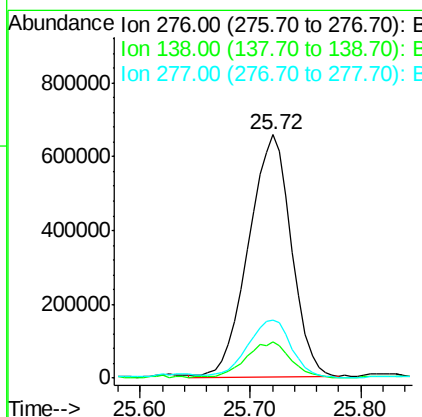
RT: 25.72 min Scan# 3848

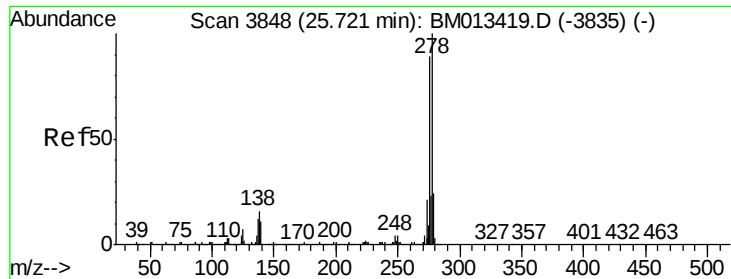
Delta R.T. 0.01 min

Lab File: BM013420.D

Acq: 15 Dec 2017 02:27

Tgt Ion:	276	Resp:	1782616
Ion Ratio	Lower	Upper	
276	100		
138	14.7	9.3	13.9#
277	24.1	19.9	29.9





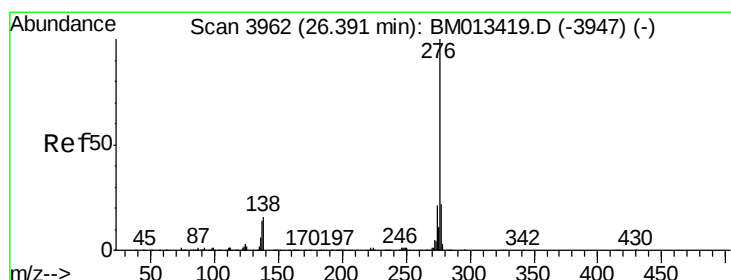
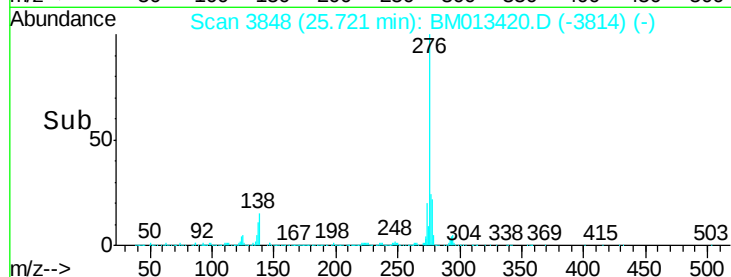
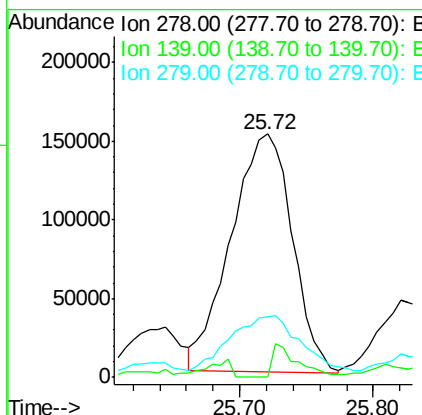
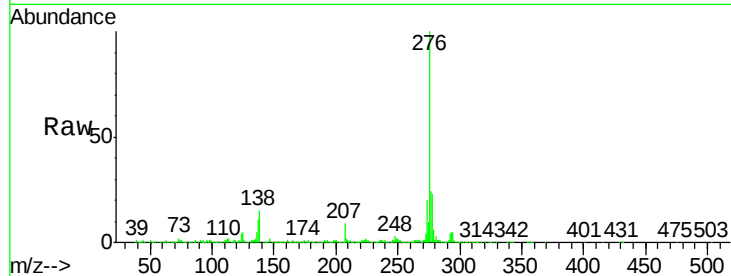
#90
Dibenzo(a,h)anthracene
Concen: 11.679 ng/ul
RT: 25.72 min Scan# 3848
Delta R.T. -0.00 min
Lab File: BM013420.D
Acq: 15 Dec 2017 02:27

Instrument :
BNA_M
ClientSampleId :
F9A50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	24.9	18.6	27.8

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 34.552 ng/ul
RT: 26.40 min Scan# 3964
Delta R.T. 0.01 min
Lab File: BM013420.D
Acq: 15 Dec 2017 02:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.0	8.5	12.7#
277	23.7	18.6	28.0

