

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013962.D
 Acq On : 29 Jan 2018 17:41
 Operator : SJ/JU
 Sample : J1244-10DL 30X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B51DL

Manual Integrations
 APPROVED

Sohil
 1/30/2018 3:34:06 PM

Quant Time: Jan 30 02:01:26 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 01:10:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	93165	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	394898	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	255514	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	587677	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	660500	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	636260	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.78	99	1302	0.18	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.94	67	1575	0.36	ng/ul	0.02
9) 2-Chlorophenol-d4	7.12	132	2546m	0.44	ng/ul	0.01
13) 4-Methylphenol-d8	8.32	113	1972	0.36	ng/ul	0.04
19) Nitrobenzene-d5	8.76	128	2136m	0.70	ng/ul	0.03
22) 2-Nitrophenol-d4	9.46	143	658	0.20	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.03	165	3406	0.54	ng/ul	0.05
29) 4-Chloroaniline-d4	10.54	131	4250	0.78	ng/ul	0.04
43) Dimethylphthalate-d6	13.65	166	17966	0.85	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	19634	0.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	123	0.04	ng/ul	0.00
57) Fluorene-d10	15.23	176	17260	0.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	442	0.12	ng/ul	0.03
70) Anthracene-d10	17.07	188	24859	0.87	ng/ul	0.00
76) Pyrene-d10	19.39	212	29622	0.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	24806	0.85	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.39	128	1705783	86.825	ng/ul 99
34) 2-Methylnaphthalene	12.02	142	1134244	77.436	ng/ul 97
40) 1,1'-Biphenyl	13.05	154	319277	15.011	ng/ul 97
49) Acenaphthene	14.29	153	1268120	74.521	ng/ul 99
53) Dibenzofuran	14.63	168	1212522	47.364	ng/ul 100
58) Fluorene	15.28	166	1169378	55.764	ng/ul 100
69) Phenanthrene	17.03	178	5769705	176.624	ng/ul 99
71) Anthracene	17.12	178	649338	19.272	ng/ul 98
72) Carbazole	17.40	167	165793	5.961	ng/ul 97
74) Fluoranthene	19.05	202	3341263	85.688	ng/ul# 95
77) Pyrene	19.42	202	2159284	53.775	ng/ul# 96
80) Benzo(a)anthracene	21.17	228	444486	11.137	ng/ul 98
82) Chrysene	21.22	228	366600	10.013	ng/ul 95
85) Benzo(b)fluoranthene	22.72	252	202157	5.174	ng/ul 97
86) Benzo(k)fluoranthene	22.76	252	85553m	2.265	ng/ul
88) Benzo(a)pyrene	23.27	252	111751	3.027	ng/ul 97

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

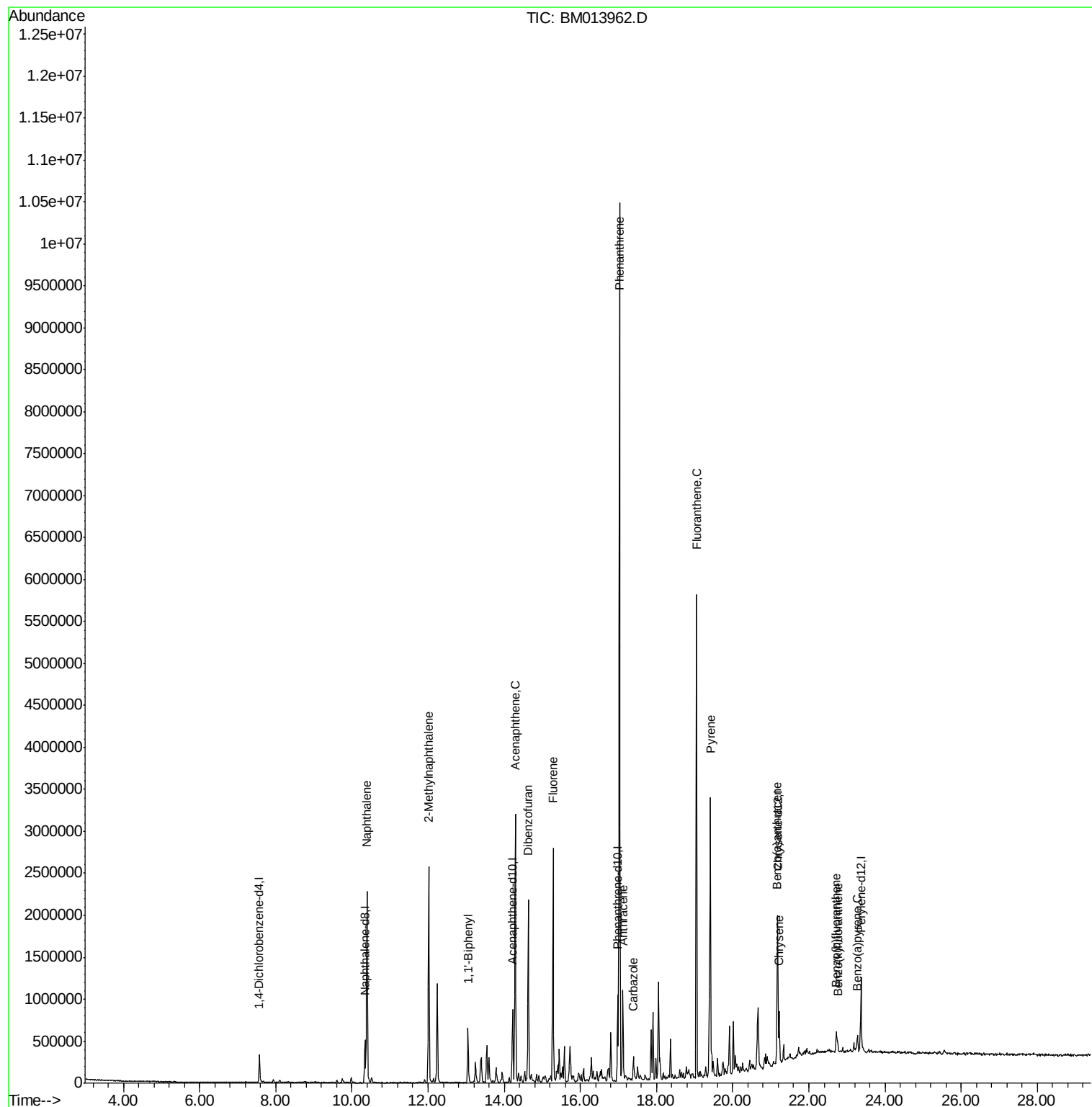
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013962.D
Acq On : 29 Jan 2018 17:41
Operator : SJ/JU
Sample : J1244-10DL 30X
Misc :
ALS Vial : 9 Sample Multiplier: 1

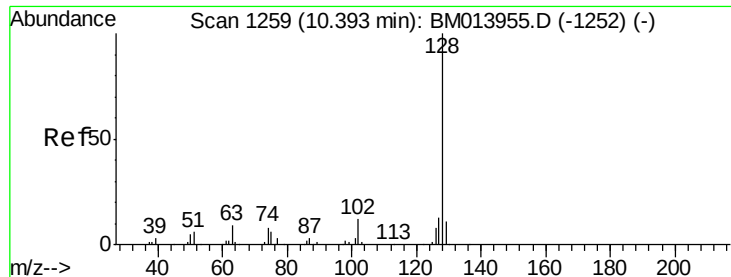
Instrument :
BNA_M
ClientSampleId :
F6B51DL

Manual Integrations
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Quant Time: Jan 30 02:01:26 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





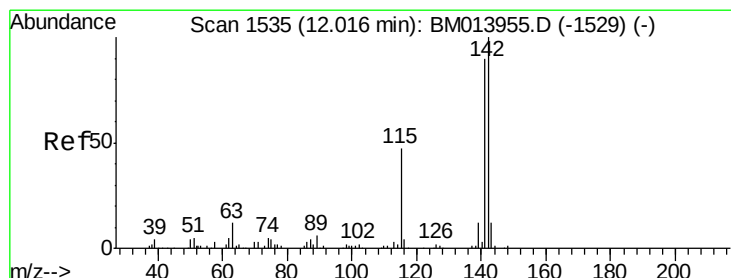
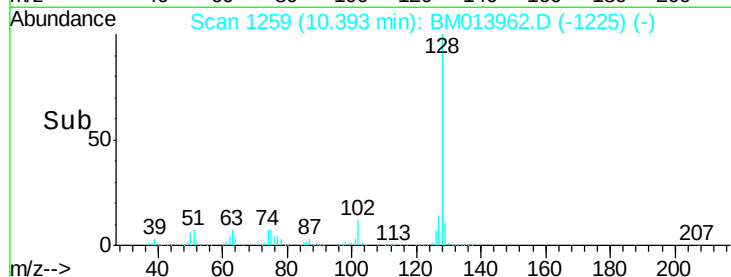
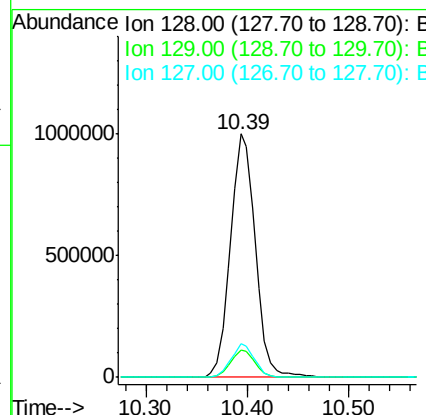
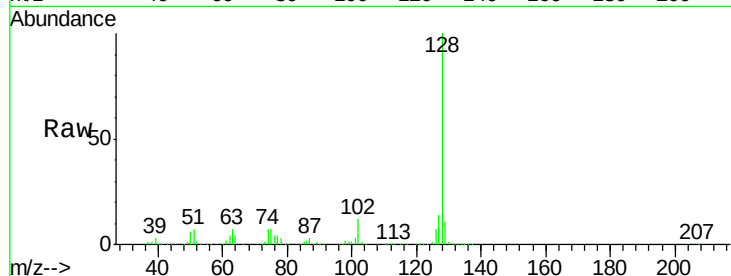
#28
Naphthalene
Concen: 86.825 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BM013962.D
Acq: 29 Jan 2018 17:41

Instrument :
BNA_M
ClientSampled :
F6B51DL

Tot Ion:128 Resp: 1705783
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.7 10.6 16.0

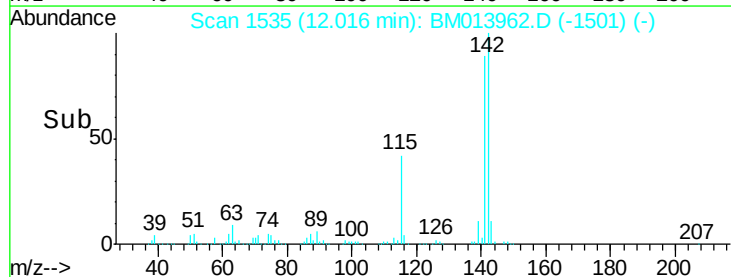
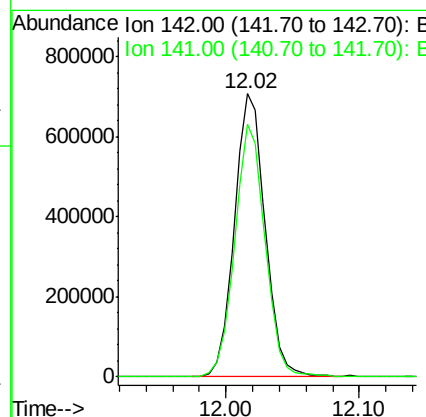
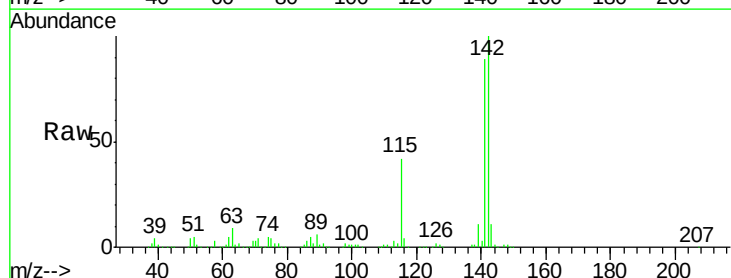
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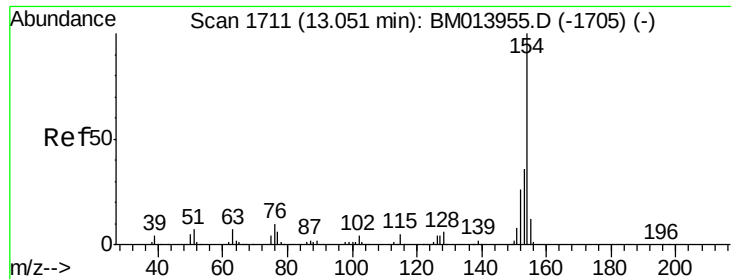
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#34
2-Methylnaphthalene
Concen: 77.436 ng/ul
RT: 12.02 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BM013962.D
Acq: 29 Jan 2018 17:41

Tgt Ion:142 Resp: 1134244
Ion Ratio Lower Upper
142 100
141 89.3 74.1 111.1





#40

1,1'-Biphenyl

Concen: 15.011 ng/ul

RT: 13.05 min Scan# 1711

Delta R.T. 0.00 min

Lab File: BM013962.D

Acq: 29 Jan 2018 17:41

Instrument :

BNA_M

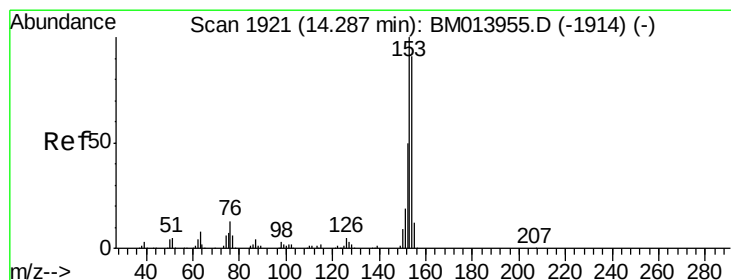
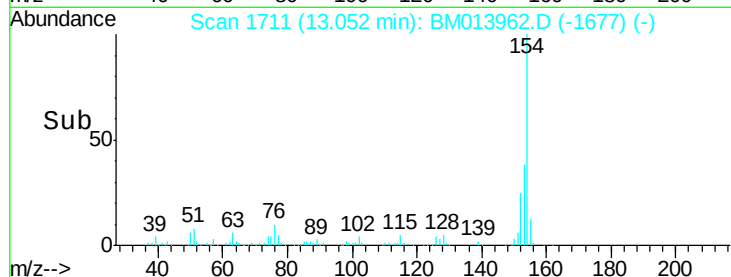
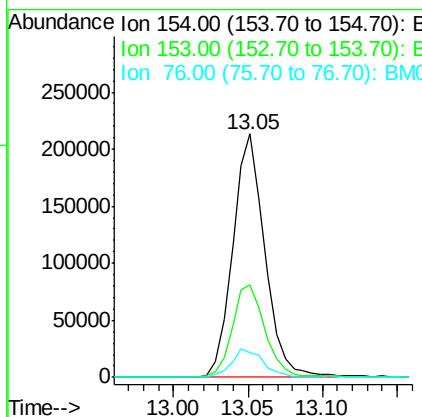
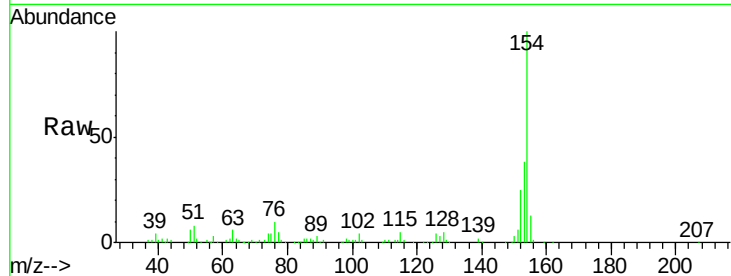
ClientSampleID :

F6B51DL

Tot Ion:	154	Resp:	319277
Ion Ratio	Lower	Upper	
154	100		
153	38.2	32.6	48.8
76	10.1	8.5	12.7

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#49

Acenaphthene

Concen: 74.521 ng/ul

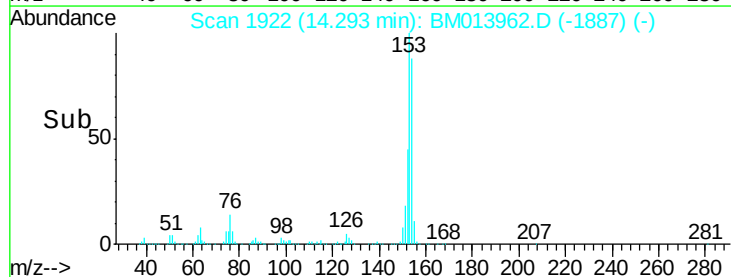
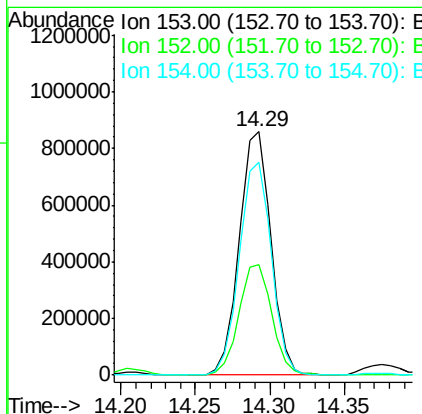
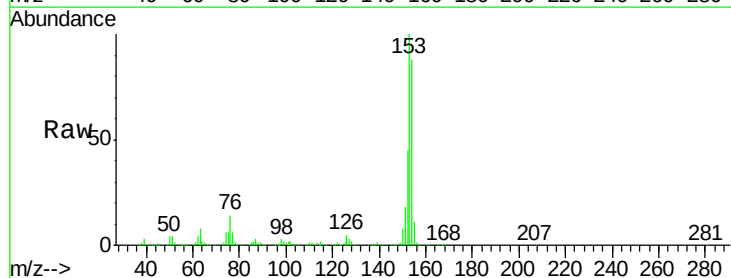
RT: 14.29 min Scan# 1922

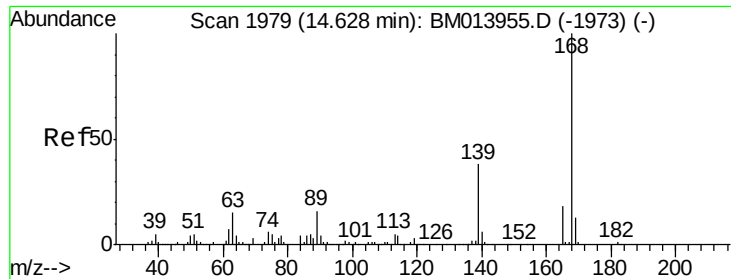
Delta R.T. 0.01 min

Lab File: BM013962.D

Acq: 29 Jan 2018 17:41

Tgt Ion:	153	Resp:	1268120
Ion Ratio	Lower	Upper	
153	100		
152	45.2	37.6	56.4
154	87.6	70.4	105.6





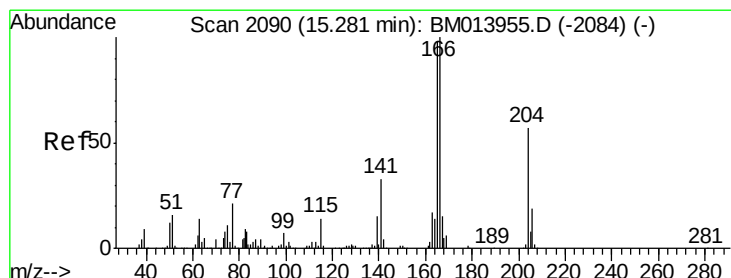
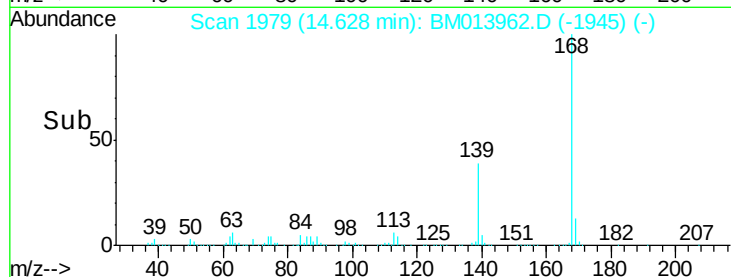
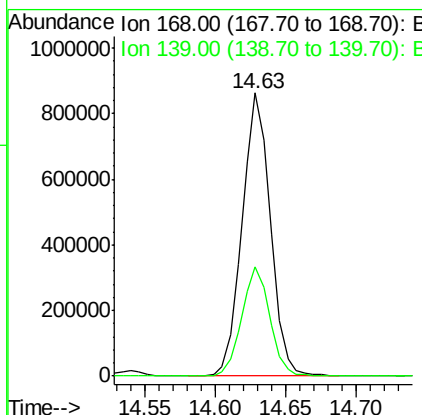
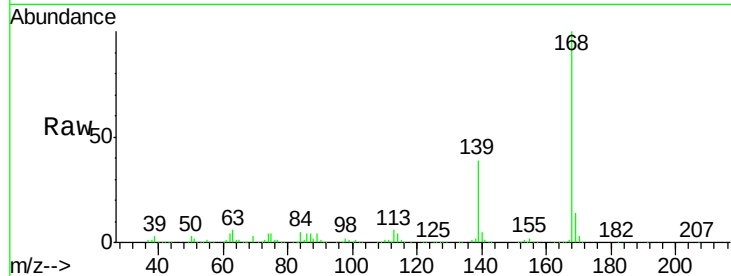
#53
Dibenzenofuran
Concen: 47.364 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BM013962.D
Acq: 29 Jan 2018 17:41

Instrument :
BNA_M
ClientSampleID :
F6B51DL

Tot Ion:168 Resp: 1212522
Ion Ratio Lower Upper
168 100
139 38.7 30.8 46.2

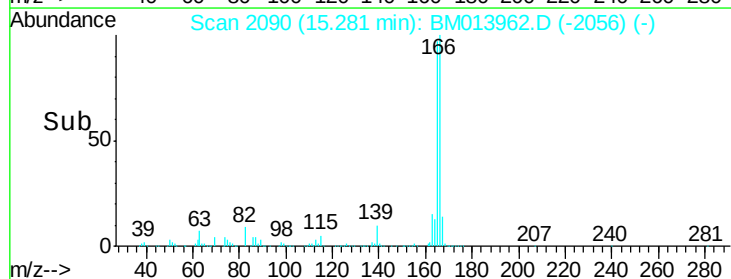
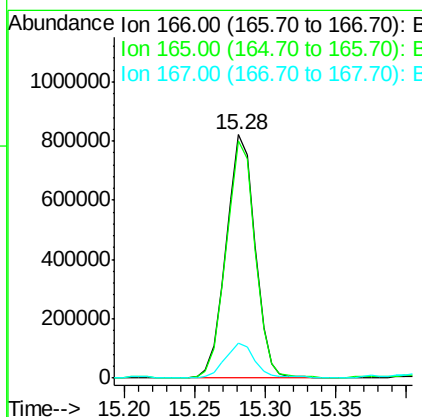
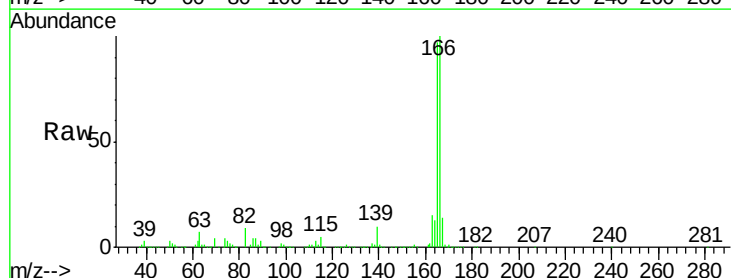
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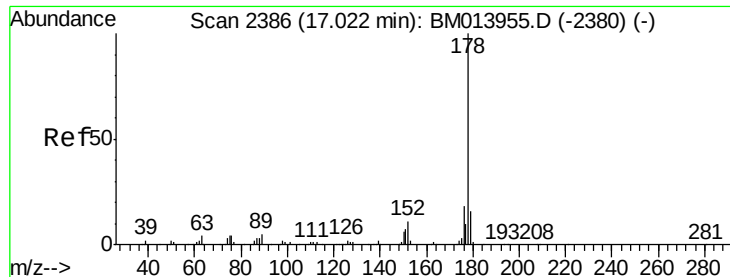
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#58
Fluorene
Concen: 55.764 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BM013962.D
Acq: 29 Jan 2018 17:41

Tgt Ion:166 Resp: 1169378
Ion Ratio Lower Upper
166 100
165 97.4 77.9 116.9
167 14.3 10.6 16.0





#69

Phenanthrene

Concen: 176.624 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. 0.01 min

Lab File: BM013962.D

Acq: 29 Jan 2018 17:41

Instrument :

BNA_M

ClientSampleID :

F6B51DL

Tot Ion:178 Resp: 5769705

Ion Ratio Lower Upper

178 100

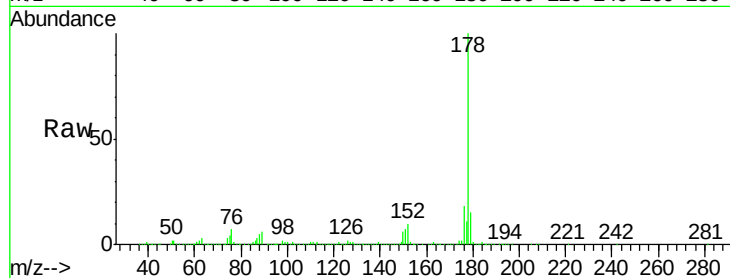
179 15.2 12.6 19.0

176 18.2 14.9 22.3

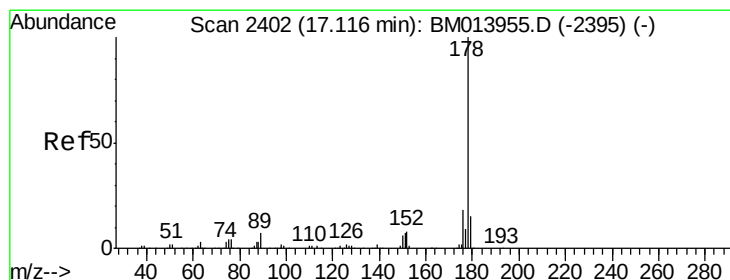
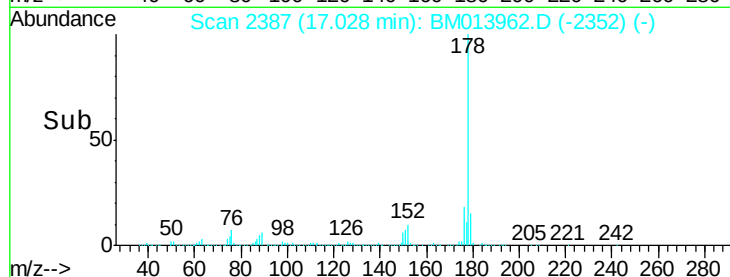
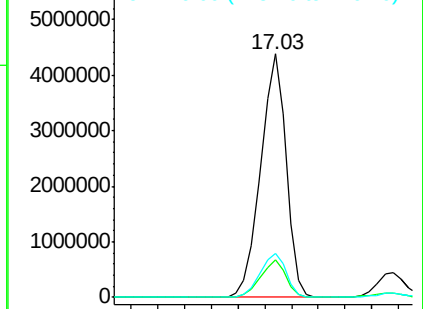
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.272 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BM013962.D

Acq: 29 Jan 2018 17:41

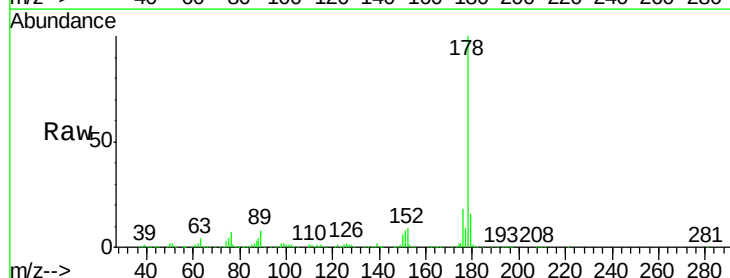
Tgt Ion:178 Resp: 649338

Ion Ratio Lower Upper

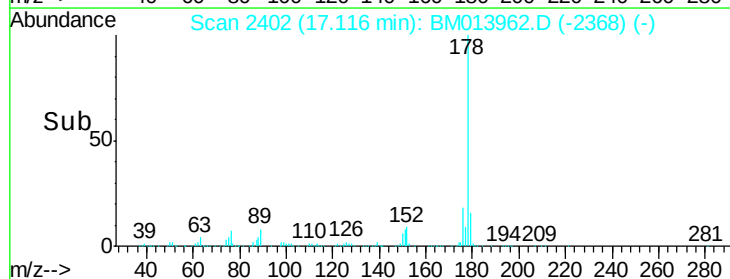
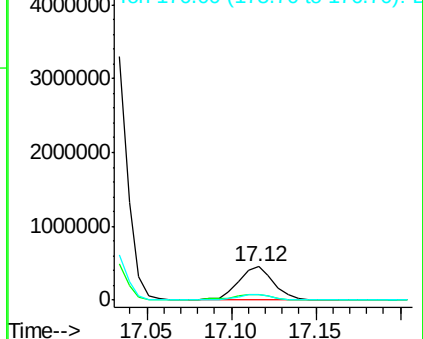
178 100

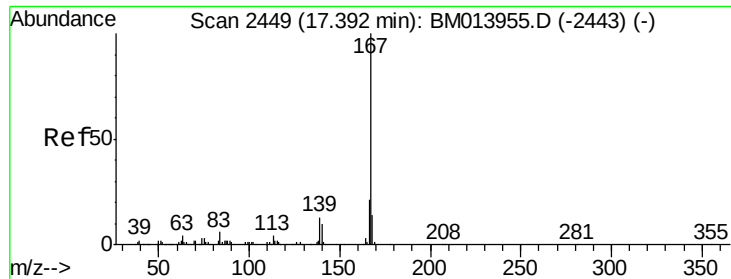
179 16.1 11.7 17.5

176 18.3 14.6 21.8



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





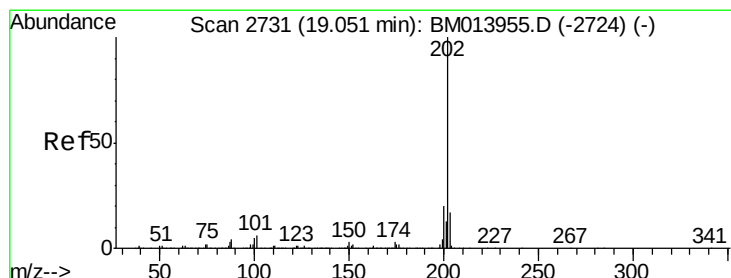
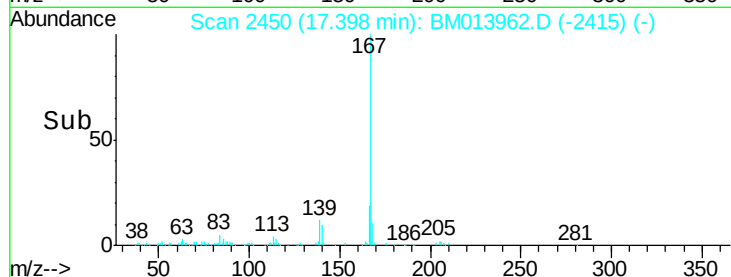
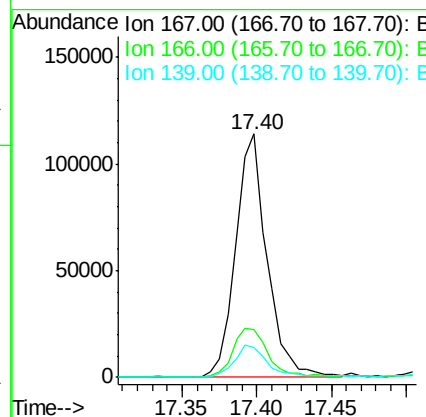
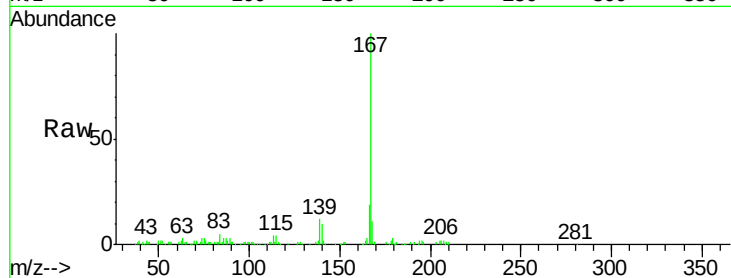
#72
 Carbazole
 Concen: 5.961 ng/ul
 RT: 17.40 min Scan# 2450
 Delta R.T. 0.01 min
 Lab File: BM013962.D
 Acq: 29 Jan 2018 17:41

Instrument :
 BNA_M
 ClientSampleId :
 F6B51DL

Tot Ion	Ratio	Lower	Upper
167	100		
166	19.5	17.1	25.7
139	12.2	10.0	15.0

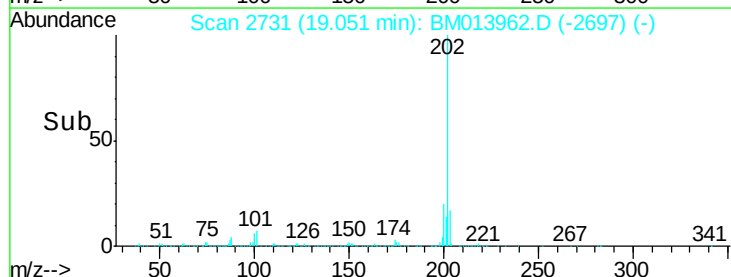
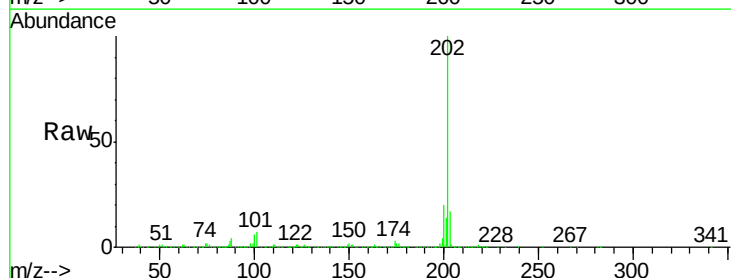
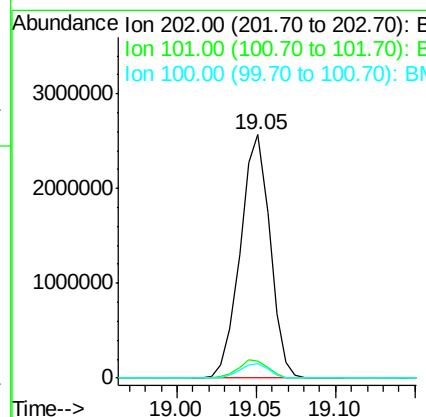
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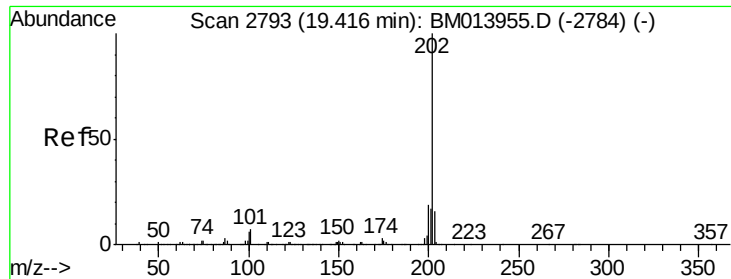
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#74
 Fluoranthene
 Concen: 85.688 ng/ul
 RT: 19.05 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: BM013962.D
 Acq: 29 Jan 2018 17:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.1	4.6	7.0#
100	6.0	3.4	5.2#





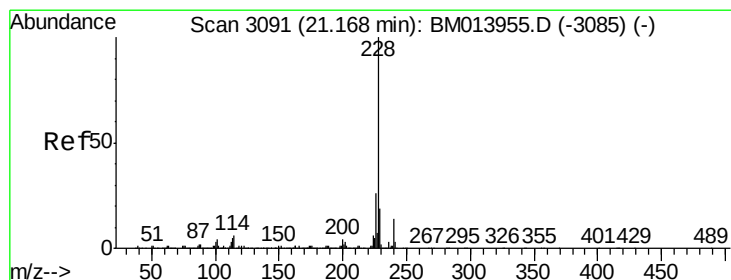
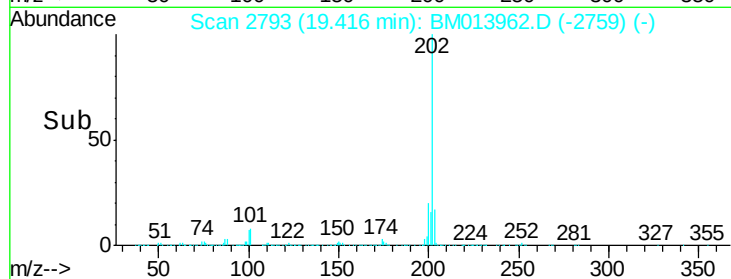
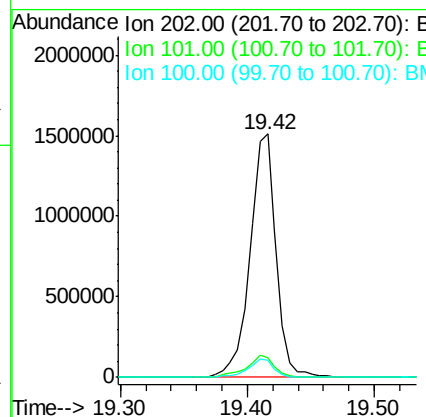
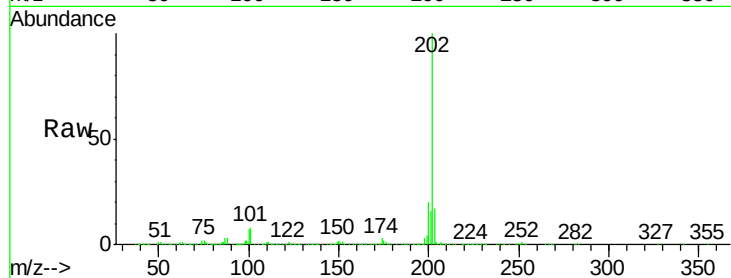
#77
 Pvrene
 Concen: 53.775 ng/ul
 RT: 19.42 min Scan# 2793
 Delta R.T. 0.00 min
 Lab File: BM013962.D
 Acq: 29 Jan 2018 17:41

Instrument :
 BNA_M
 ClientSampleId :
 F6B51DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.8	5.1	7.7#
100	7.1	4.9	7.3

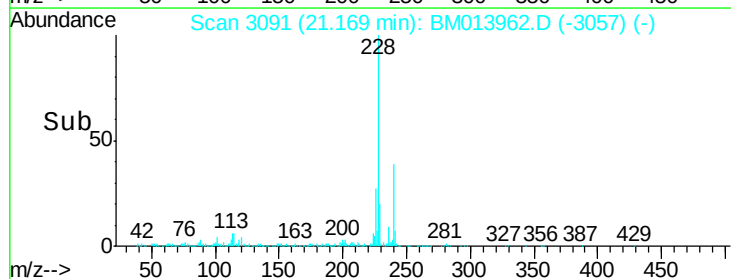
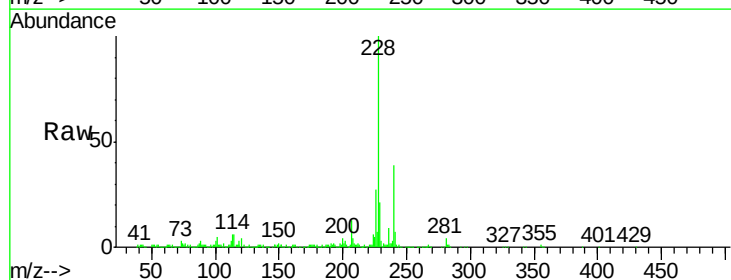
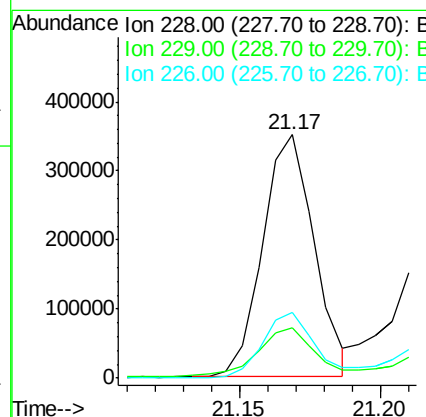
Manual Integrations
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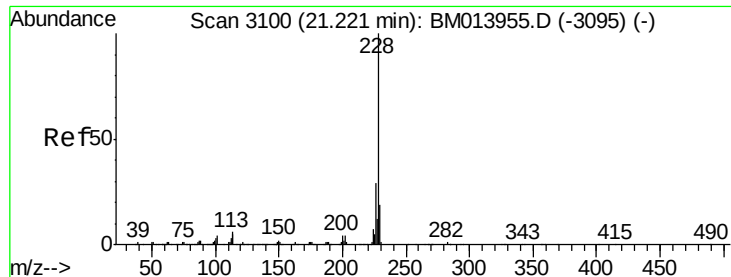
Sohil
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#80
 Benzo(a)anthracene
 Concen: 11.137 ng/ul
 RT: 21.17 min Scan# 3091
 Delta R.T. 0.00 min
 Lab File: BM013962.D
 Acq: 29 Jan 2018 17:41

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.4	23.0
226	27.0	21.4	32.0





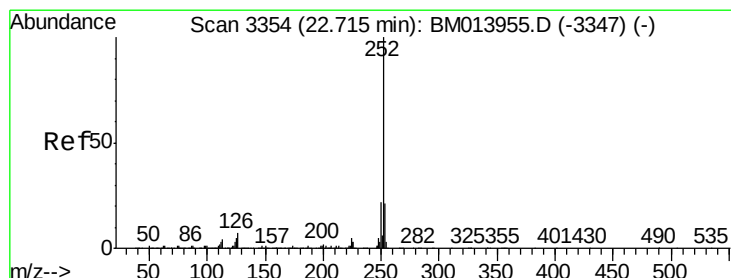
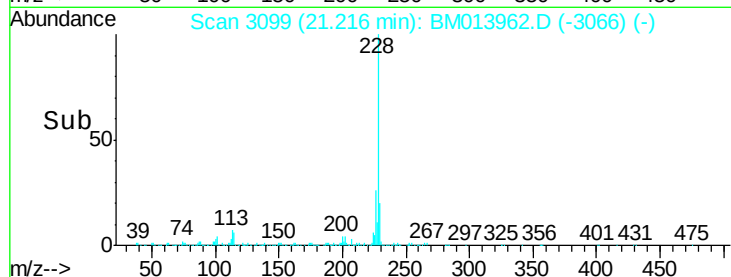
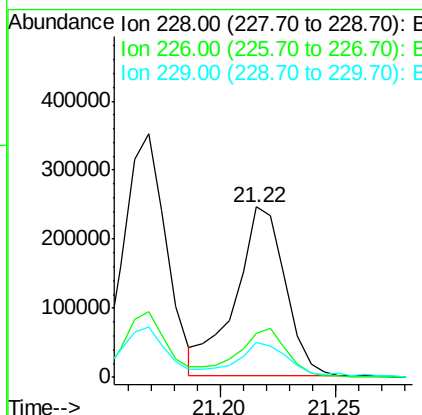
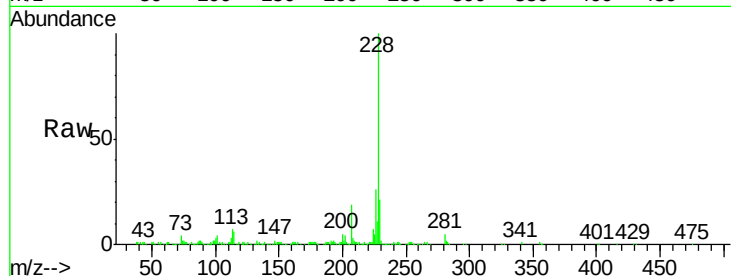
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Chrysene
Concen: 10.013 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM013962.D
Acq: 29 Jan 2018 17:41

Instrument :
BNA_M
ClientSampleId :
F6B51DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.1	23.4	35.2
229	20.7	15.5	23.3

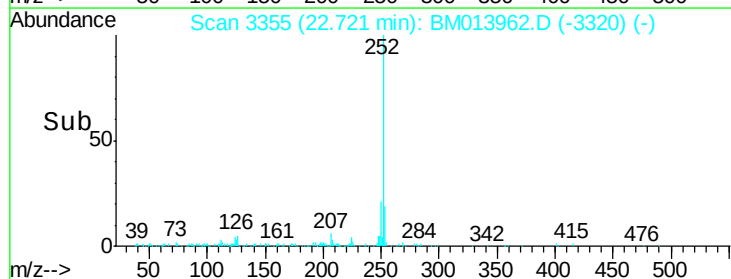
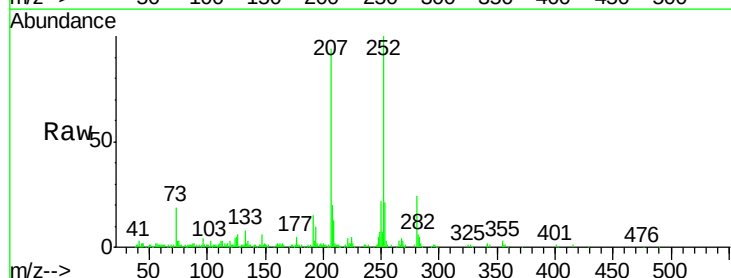
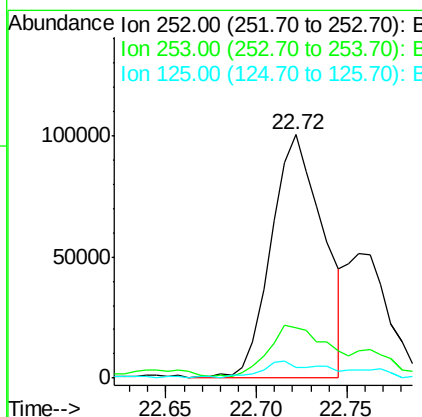
Manual Integrations
APPROVED

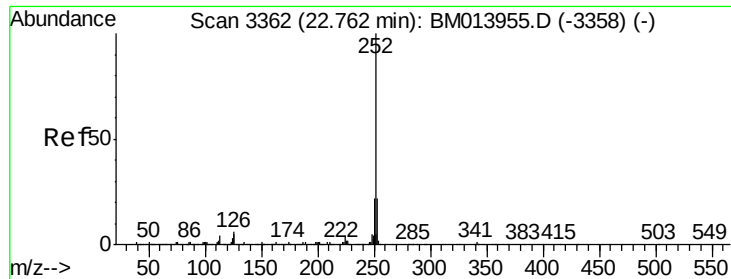
Sohil
1/30/2018 3:34:06 PM



#85
Benzo(b)fluoranthene
Concen: 5.174 ng/ul
RT: 22.72 min Scan# 3355
Delta R.T. 0.01 min
Lab File: BM013962.D
Acq: 29 Jan 2018 17:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.9	26.9
125	4.6	3.6	5.4





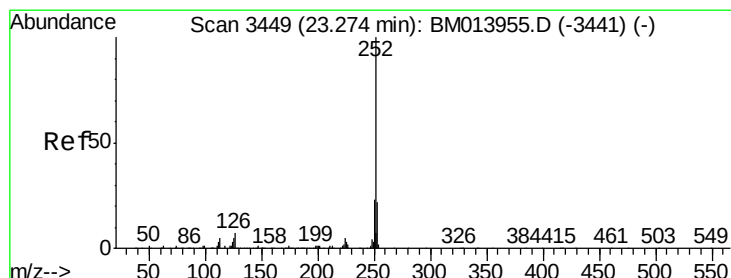
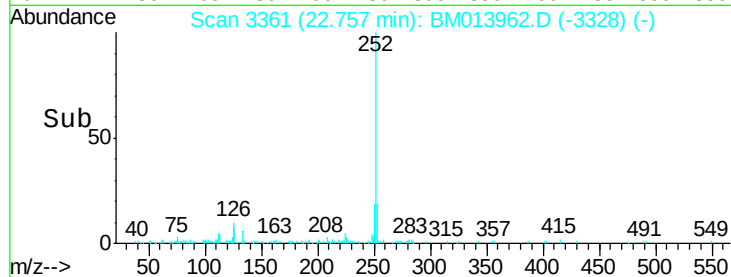
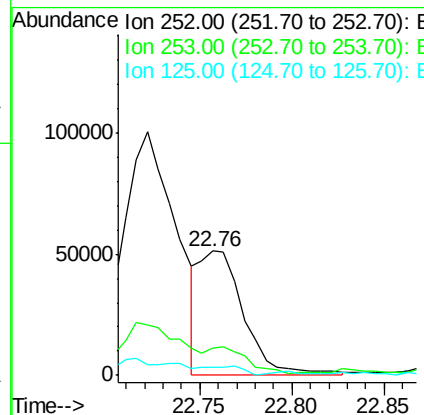
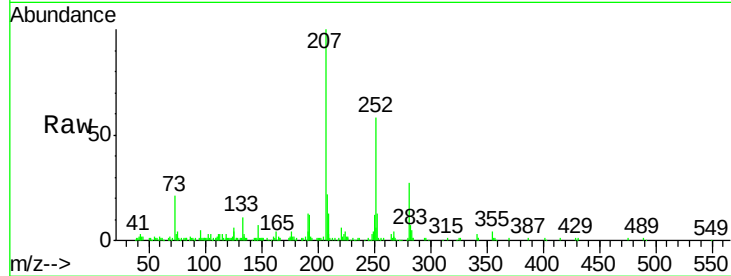
#86
Benzo(k)fluoranthene
Concen: 2.265 ng/ul m
RT: 22.76 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM013962.D
Acq: 29 Jan 2018 17:41

Instrument :
BNA_M
ClientSampleId :
F6B51DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	6.9	3.4	5.2

Manual Integrations
APPROVED

Sohil
1/30/2018 3:34:06 PM



#88
Benzo(a)pyrene
Concen: 3.027 ng/ul
RT: 23.27 min Scan# 3449
Delta R.T. 0.00 min
Lab File: BM013962.D
Acq: 29 Jan 2018 17:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	5.6	4.0	6.0

