

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013981.D
 Acq On : 30 Jan 2018 05:05
 Operator : SJ/JU
 Sample : J1233-14DL 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B18DL

Manual Integrations
 APPROVED

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

Quant Time: Jan 30 07:58:57 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 07:49:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	111667	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	427681	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	270250	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	653274	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	784168	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	768711	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	4418	1.56	ng/uL	0.00
5) Phenol-d5	6.76	99	71518m	8.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	47418	9.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	62286	8.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	54670	8.30	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	33105	9.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	35588	10.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	56244	8.30	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	64494	10.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	239638	10.76	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	293160	10.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	17822m	4.92	ng/ul	0.02
57) Fluorene-d10	15.22	176	211886	10.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	27455	6.98	ng/ul	0.00
70) Anthracene-d10	17.07	188	340621	10.70	ng/ul	0.00
76) Pyrene-d10	19.38	212	417397	11.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	410956	11.63	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.39	128	369946	17.387	ng/ul	98
34) 2-Methylnaphthalene	12.02	142	473305	29.836	ng/ul	98
40) 1,1'-Biphenyl	13.04	154	78525	3.491	ng/ul	97
44) Dimethylphthalate	13.69	163	70561	3.222	ng/ul	98
49) Acenaphthene	14.29	153	124303	6.906	ng/ul	91
53) Dibenzofuran	14.63	168	384361	14.195	ng/ul	97
58) Fluorene	15.28	166	192491	8.679	ng/ul	98
68) Pentachlorophenol	16.63	266	33873	7.675	ng/ul	90
69) Phenanthrene	17.02	178	1774467	48.866	ng/ul	98
71) Anthracene	17.11	178	170777m	4.560	ng/ul	
74) Fluoranthene	19.04	202	1370153	31.610	ng/ul#	95
77) Pyrene	19.41	202	875591	18.367	ng/ul#	96
80) Benzo(a)anthracene	21.16	228	212905	4.493	ng/ul	99
82) Chrysene	21.22	228	161463	3.714	ng/ul	94
85) Benzo(b)fluoranthene	22.72	252	112265	2.378	ng/ul#	95
88) Benzo(a)pyrene	23.27	252	59735	1.339	ng/ul#	99

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

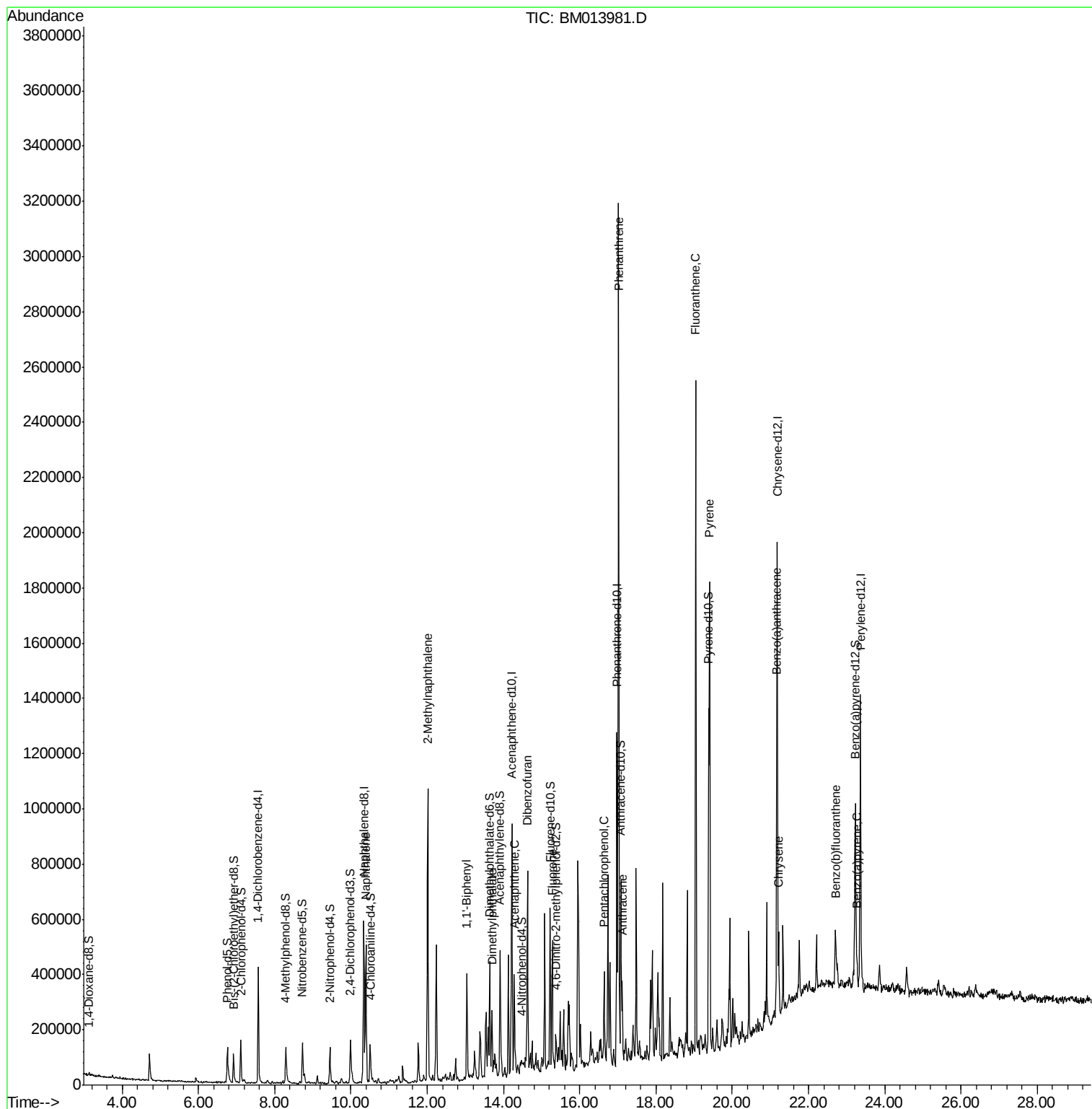
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013981.D
Acq On : 30 Jan 2018 05:05
Operator : SJ/JU
Sample : J1233-14DL 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

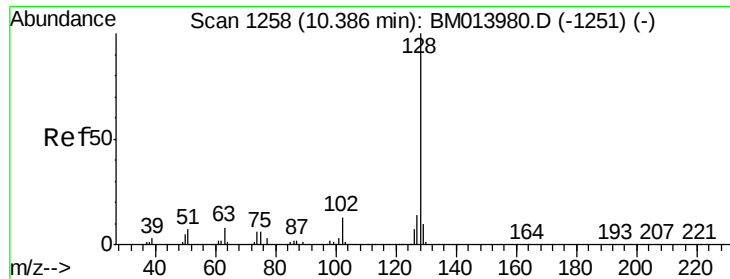
Instrument :
BNA_M
ClientSampleId :
F6B18DL

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Quant Time: Jan 30 07:58:57 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
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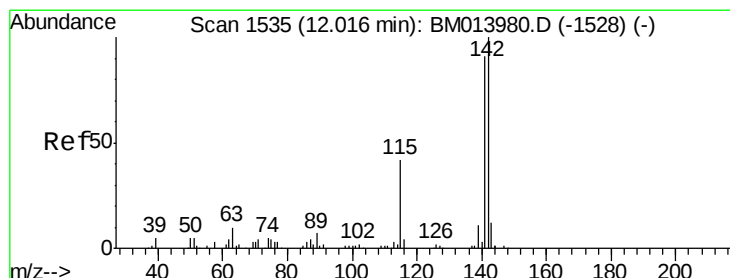
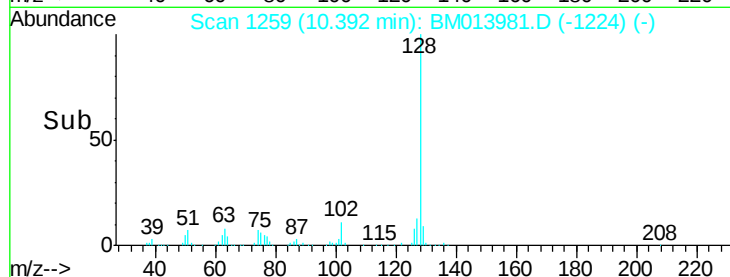
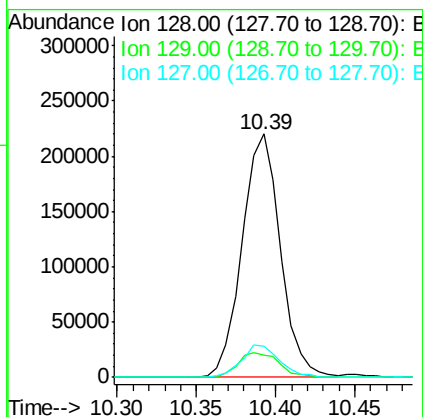
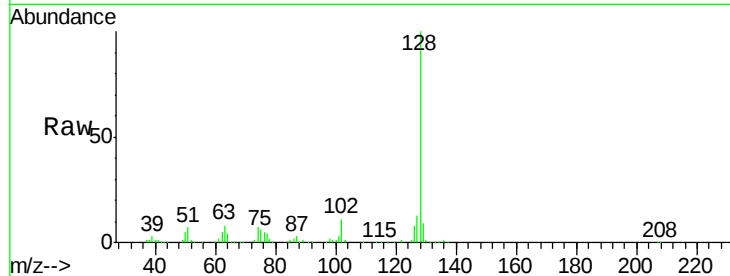
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Naphthalene
Concen: 17.387 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BM013981.D
Acq: 30 Jan 2018 05:05

Instrument :
BNA_M
ClientSampleId :
F6B18DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.3	8.8	13.2
127	12.9	10.6	16.0

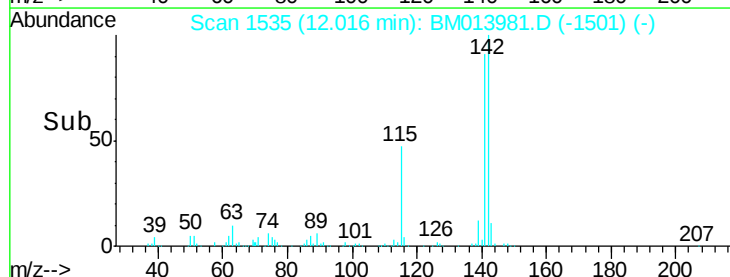
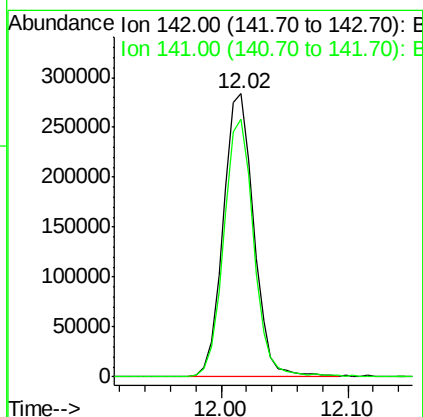
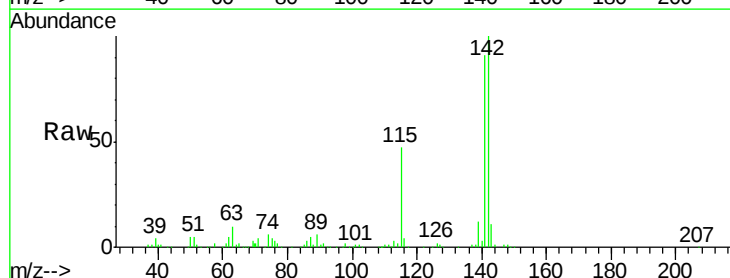
Manual Integrations
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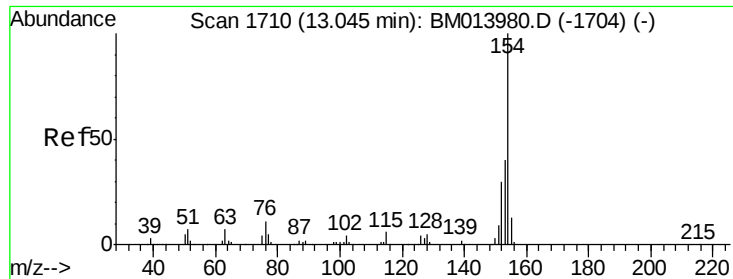
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#34
2-Methylnaphthalene
Concen: 29.836 ng/ul
RT: 12.02 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BM013981.D
Acq: 30 Jan 2018 05:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.1	111.1





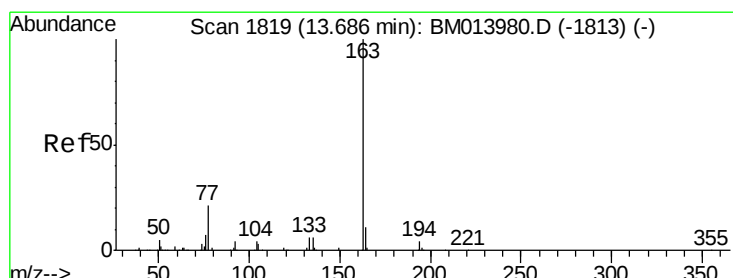
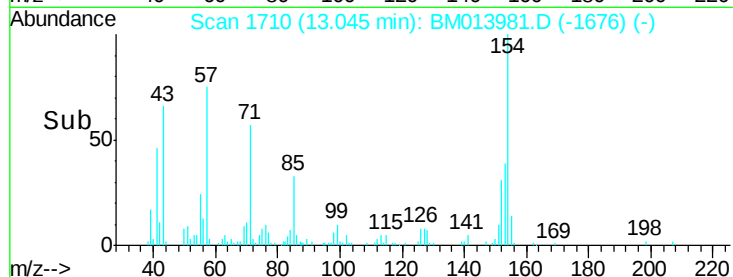
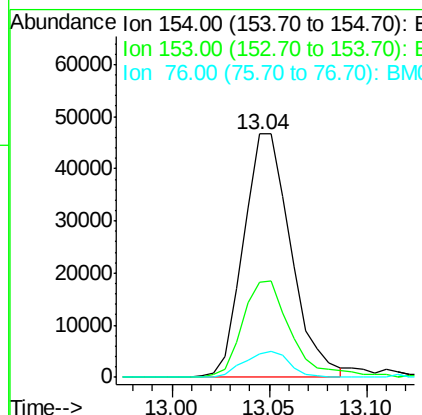
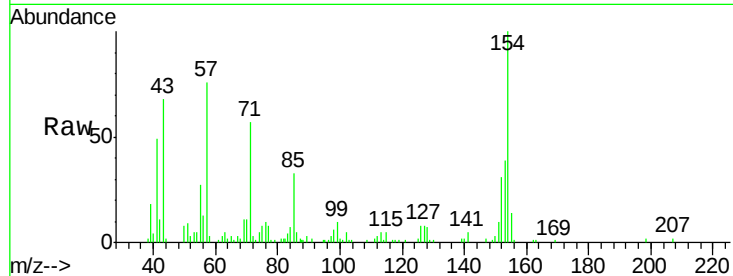
#40
 1,1'-Biphenyl
 Concen: 3.491 ng/ul
 RT: 13.04 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BM013981.D
 Acq: 30 Jan 2018 05:05

Instrument :
 BNA_M
 ClientSampleID :
 F6B18DL

Tot Ion:	154	Resp:	78525
Ion Ratio	Lower	Upper	
154	100		
153	39.0	32.6	48.8
76	9.9	8.5	12.7

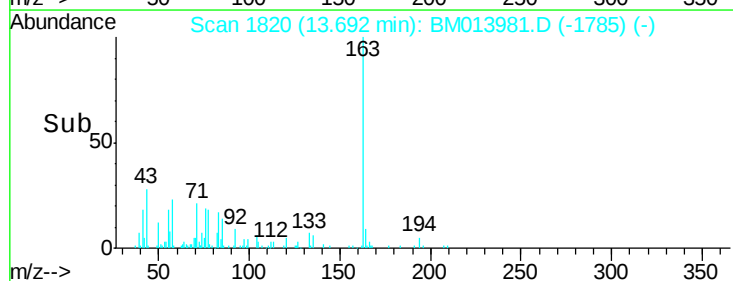
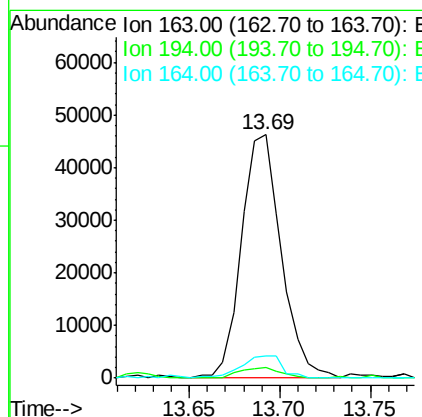
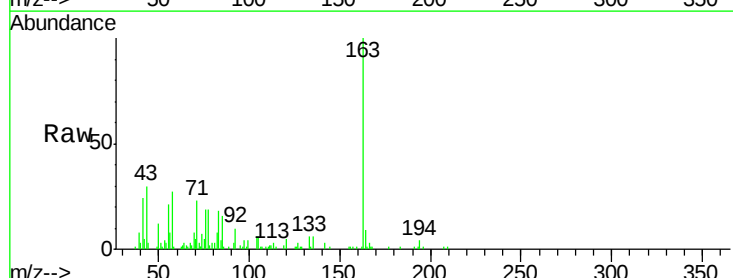
Manual Integrations
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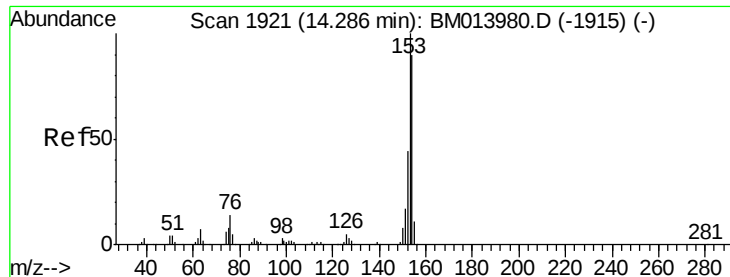
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#44
 Dimethylphthalate
 Concen: 3.222 ng/ul
 RT: 13.69 min Scan# 1820
 Delta R.T. 0.01 min
 Lab File: BM013981.D
 Acq: 30 Jan 2018 05:05

Tgt Ion:	163	Resp:	70561
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	9.3	8.2	12.4





#49

Acenaphthene

Concen: 6.906 ng/ul

RT: 14.29 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BM013981.D

Acq: 30 Jan 2018 05:05

Instrument :

BNA_M

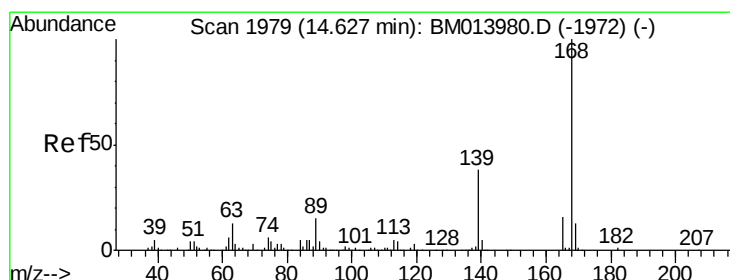
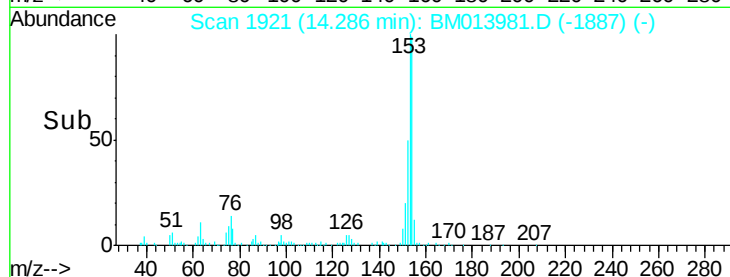
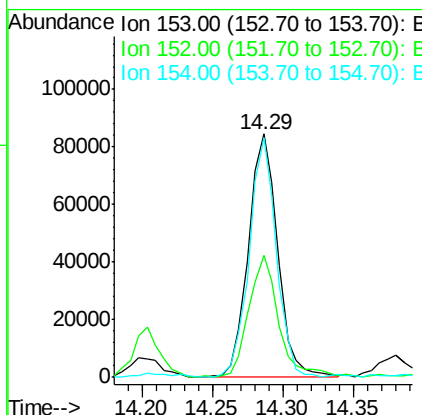
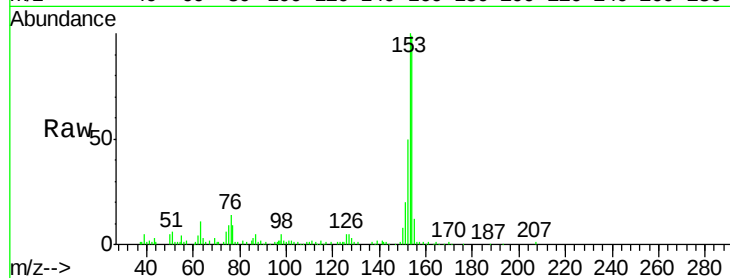
ClientSampled :

F6B18DL

Tot Ion:	153	Resp:	124303
Ion Ratio	Lower	Upper	
153	100		
152	50.1	37.6	56.4
154	98.7	70.4	105.6

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#53

Dibenzofuran

Concen: 14.195 ng/ul

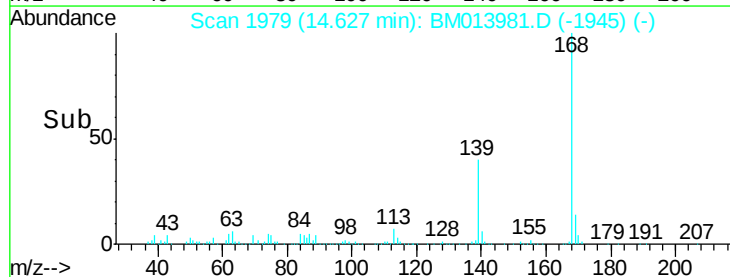
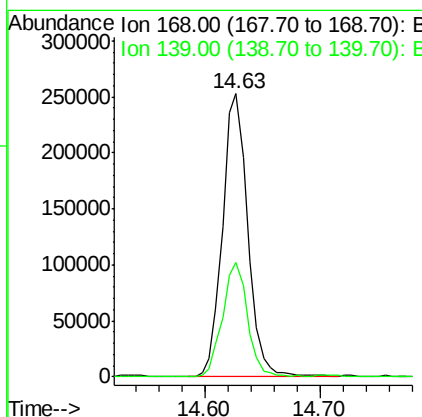
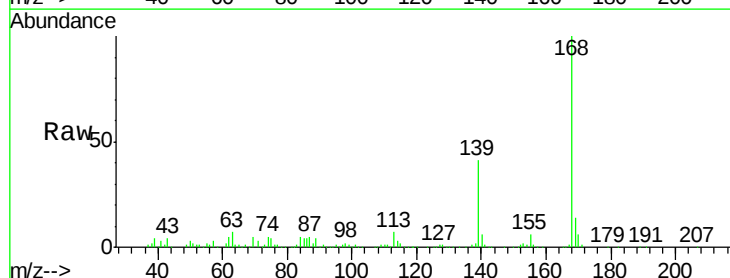
RT: 14.63 min Scan# 1979

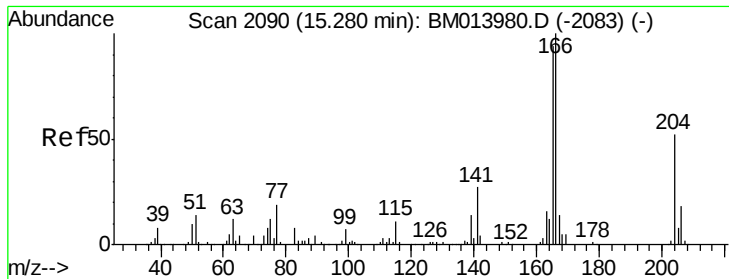
Delta R.T. 0.00 min

Lab File: BM013981.D

Acq: 30 Jan 2018 05:05

Tgt Ion:	168	Resp:	384361
Ion Ratio	Lower	Upper	
168	100		
139	40.6	30.8	46.2





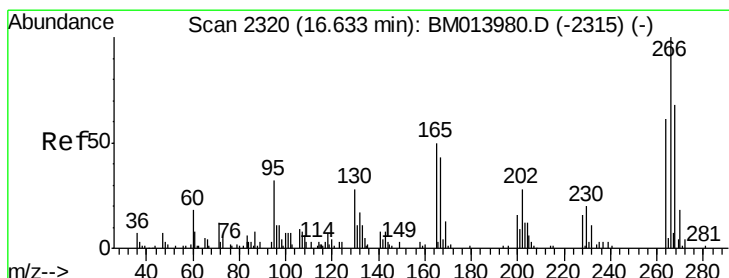
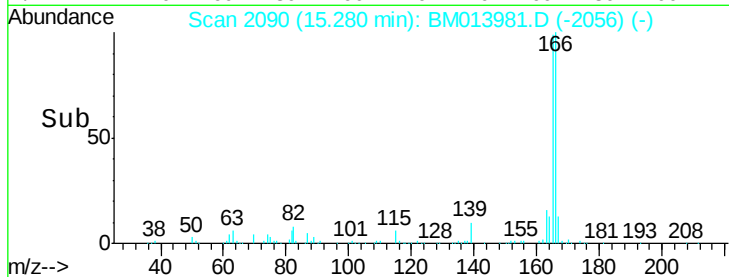
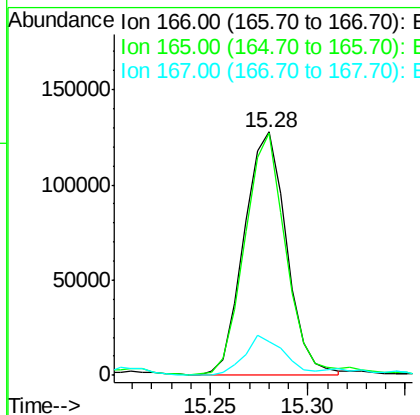
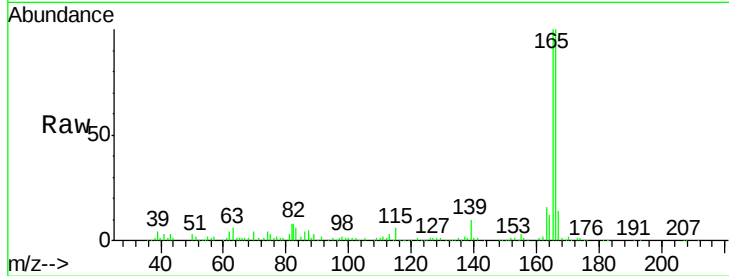
#58
 Fluorene
 Concen: 8.679 ng/ul
 RT: 15.28 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: BM013981.D
 Acq: 30 Jan 2018 05:05

Instrument :
 BNA_M
 ClientSampleId :
 F6B18DL

Tot Ion	Ratio	Resp	Lower	Upper
166	100	192491		
165	99.5	77.9	116.9	
167	14.0	10.6	16.0	

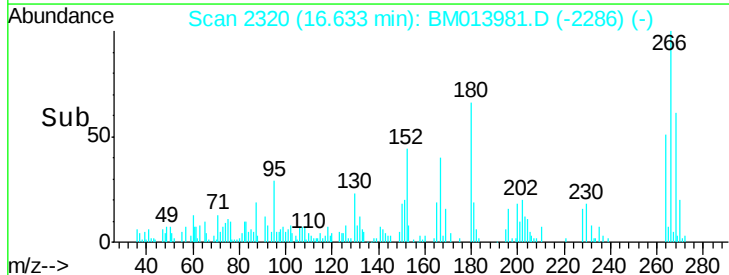
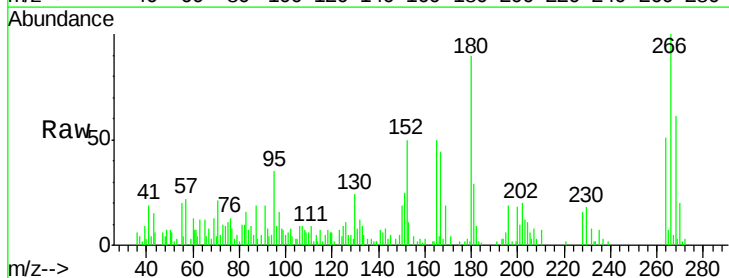
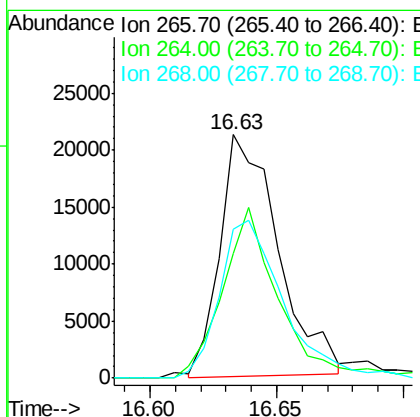
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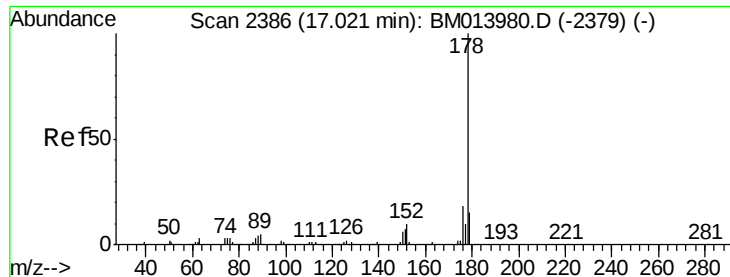
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#68
 Pentachlorophenol
 Concen: 7.675 ng/ul
 RT: 16.63 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BM013981.D
 Acq: 30 Jan 2018 05:05

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	33873		
264	51.0	49.3	73.9	
268	61.2	52.6	78.8	





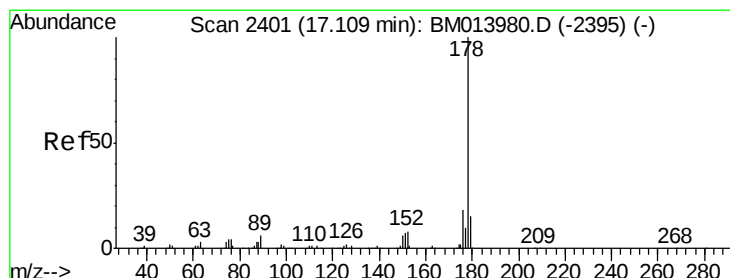
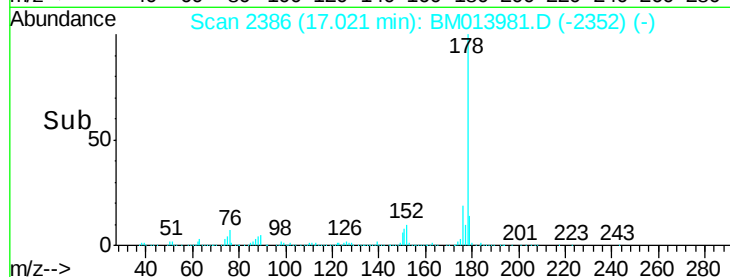
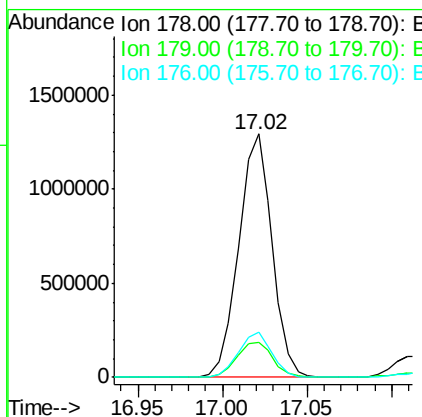
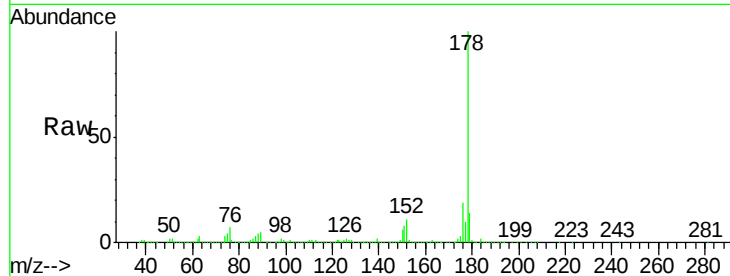
#69
Phenanthrene
Concen: 48.866 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM013981.D
Acq: 30 Jan 2018 05:05

Instrument :
BNA_M
ClientSampleId :
F6B18DL

Tot Ion:178 Resp: 1774467
Ion Ratio Lower Upper
178 100
179 14.3 12.6 19.0
176 18.8 14.9 22.3

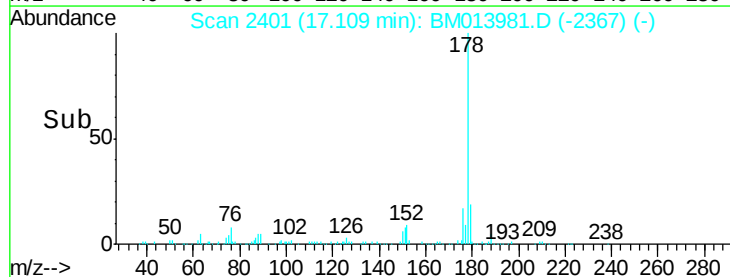
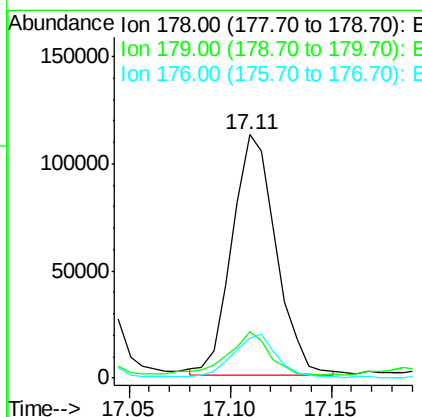
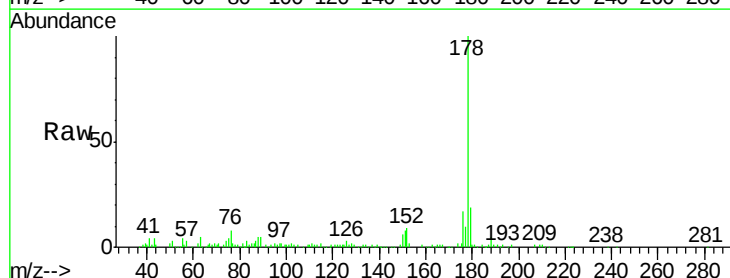
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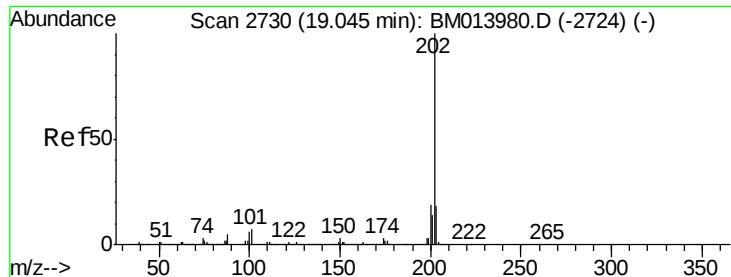
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#71
Anthracene
Concen: 4.560 ng/ul m
RT: 17.11 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BM013981.D
Acq: 30 Jan 2018 05:05

Tgt Ion:178 Resp: 170777
Ion Ratio Lower Upper
178 100
179 19.0 11.7 17.5#
176 16.7 14.6 21.8





#74

Fluoranthene

Concen: 31.610 ng/ul

RT: 19.04 min Scan# 2730

Delta R.T. 0.00 min

Lab File: BM013981.D

Acq: 30 Jan 2018 05:05

Instrument :

BNA_M

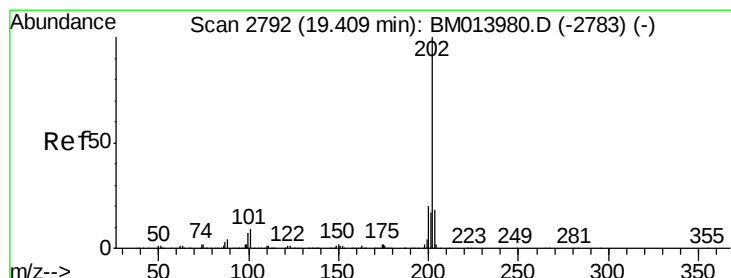
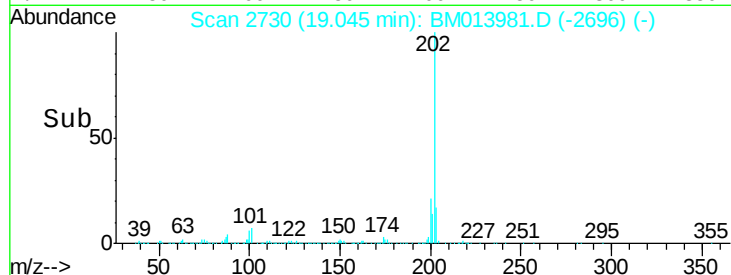
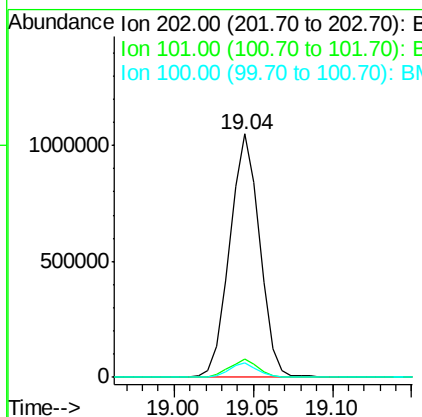
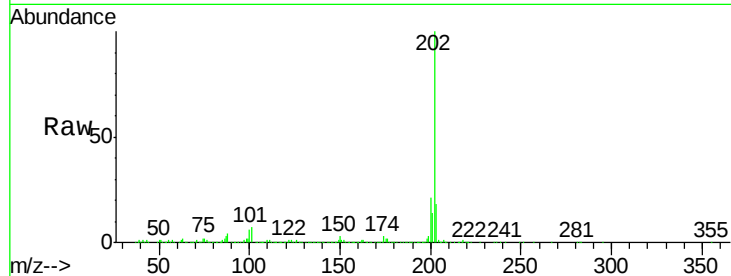
ClientSampleId :

F6B18DL

Tot Ion:	202	Resp:	1370153
Ion Ratio	Lower	Upper	
202	100		
101	7.5	4.6	7.0#
100	6.0	3.4	5.2#

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#77

Pyrene

Concen: 18.367 ng/ul

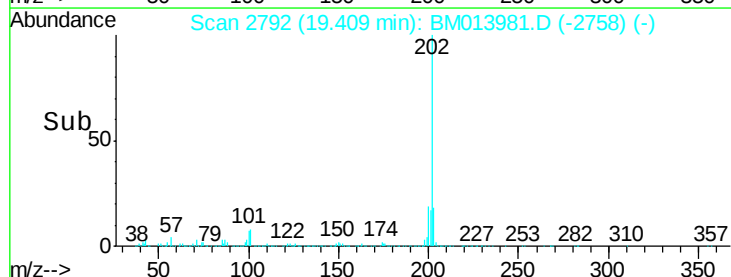
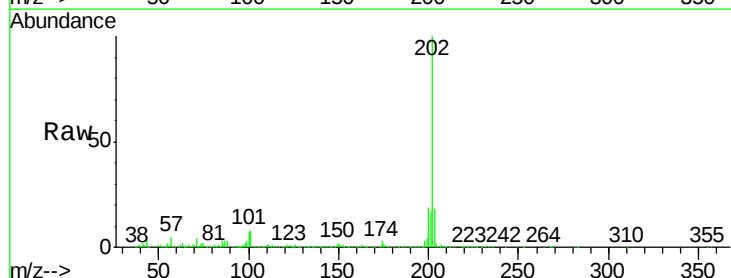
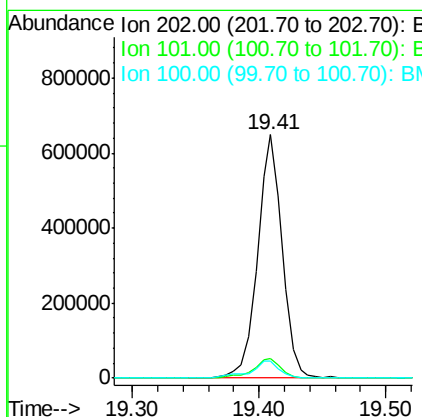
RT: 19.41 min Scan# 2792

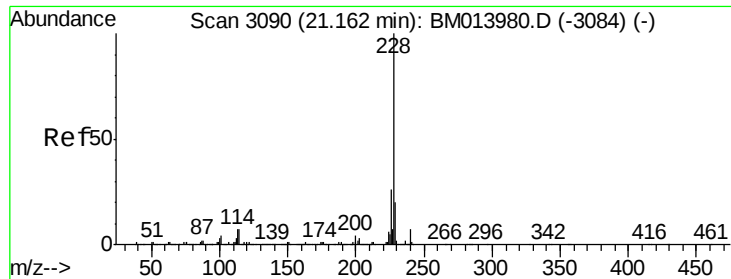
Delta R.T. 0.00 min

Lab File: BM013981.D

Acq: 30 Jan 2018 05:05

Tgt Ion:	202	Resp:	875591
Ion Ratio	Lower	Upper	
202	100		
101	8.2	5.1	7.7#
100	7.0	4.9	7.3





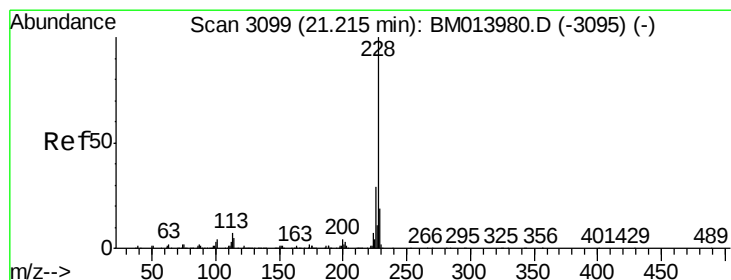
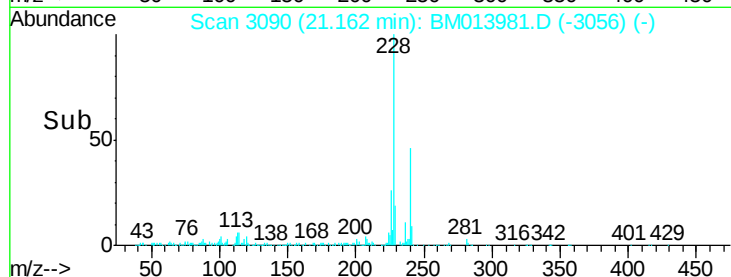
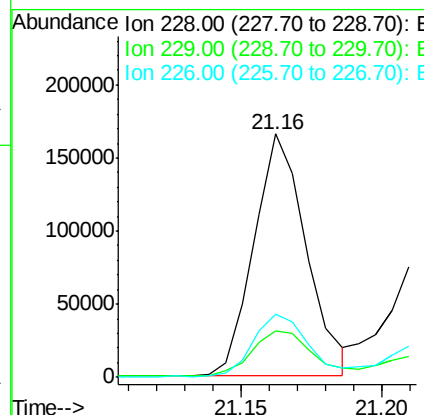
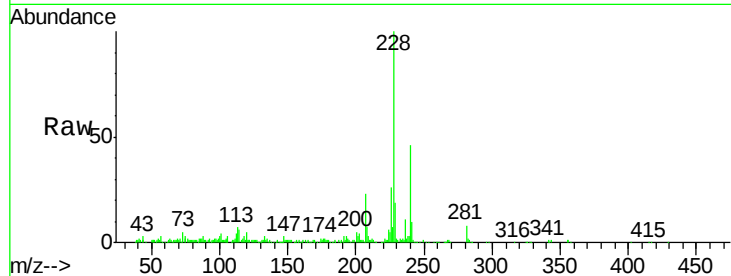
#80
Benzo(a)anthracene
Concen: 4.493 ng/ul
RT: 21.16 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM013981.D
Acq: 30 Jan 2018 05:05

Instrument :
BNA_M
ClientSampled :
F6B18DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.1	15.4	23.0
226	26.0	21.4	32.0

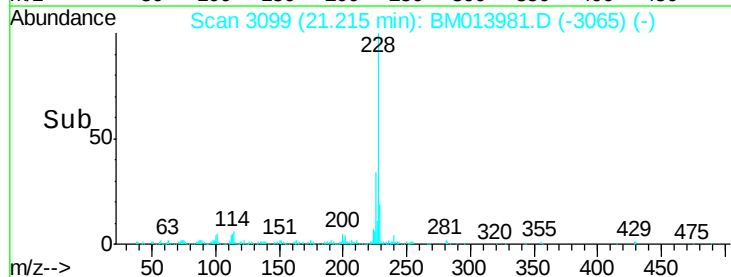
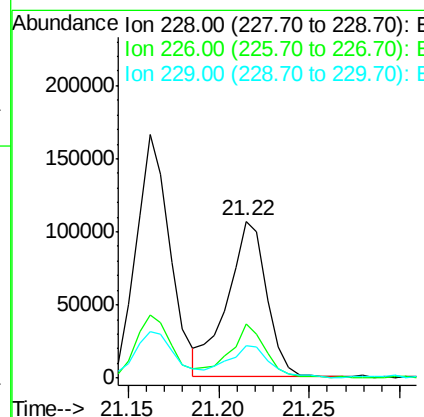
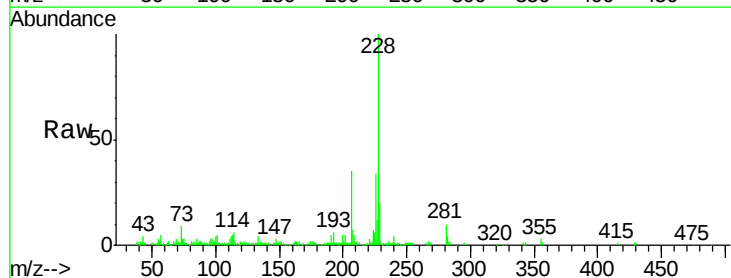
Manual Integrations
APPROVED

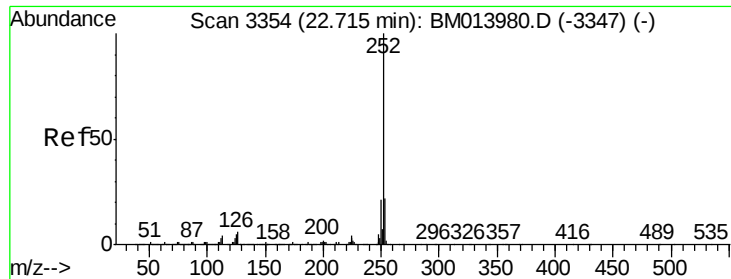
Sohil
1/30/2018 3:34:34 PM



#82
Chrysene
Concen: 3.714 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM013981.D
Acq: 30 Jan 2018 05:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.4	23.4	35.2
229	20.3	15.5	23.3





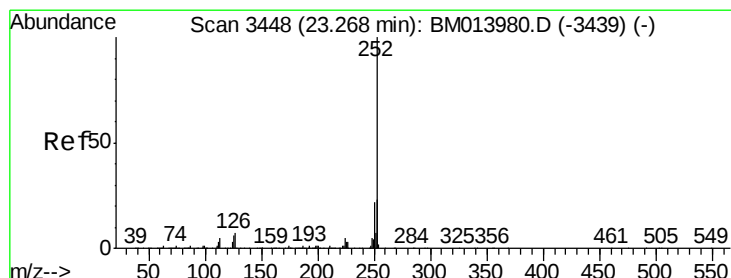
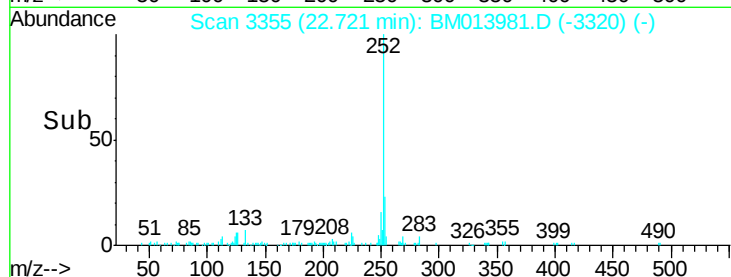
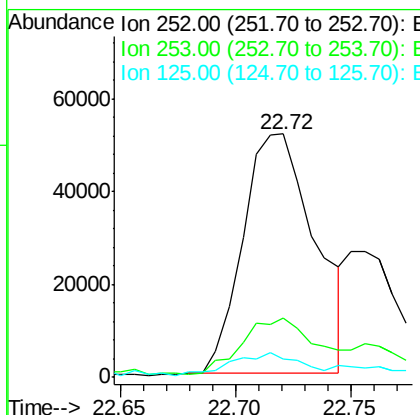
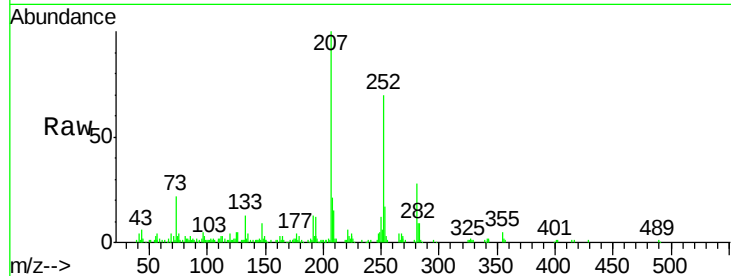
#85
Benzo(b)fluoranthene
Concen: 2.378 ng/ul
RT: 22.72 min Scan# 3355
Delta R.T. 0.01 min
Lab File: BM013981.D
Acq: 30 Jan 2018 05:05

Instrument :
BNA_M
ClientSampleId :
F6B18DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	7.5	3.6	5.4

Manual Integrations
APPROVED

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



#88
Benzo(a)pyrene
Concen: 1.339 ng/ul
RT: 23.27 min Scan# 3448
Delta R.T. 0.00 min
Lab File: BM013981.D
Acq: 30 Jan 2018 05:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	6.5	4.0	6.0

