

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014963.D
 Acq On : 04 May 2018 03:34
 Operator : SJ/JU
 Sample : J2554-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF6

Manual Integrations
 APPROVED

Sohil
 5/4/2018 1:32:41 PM

Quant Time: May 04 07:03:33 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 04 05:51:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	409125	20.00	ng/ul	0.00
18) Naphthalene-d8	11.33	136	1667421	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	818028	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.81	188	1609143	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1534149	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1738179	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	47185	5.04	ng/uL	0.00
5) Phenol-d5	7.62	99	868545	27.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.79	67	595872	29.38	ng/ul	0.00
9) 2-Chlorophenol-d4	8.01	132	733514	27.72	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	651960	25.85	ng/ul	0.00
19) Nitrobenzene-d5	9.67	128	327840	27.19	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	348134	29.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	620885	25.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	731516	30.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1737342	27.21	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	2077747	26.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	287509	24.26	ng/ul	0.00
57) Fluorene-d10	16.07	176	1467456	26.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	170780	19.61	ng/ul	0.00
70) Anthracene-d10	17.91	188	2199662	29.33	ng/ul	0.00
76) Pyrene-d10	20.15	212	2255750	31.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	2691604	31.52	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.65	94	59716	1.919	ng/ul#	82
44) Dimethylphthalate	14.53	163	381460	6.180	ng/ul	99
69) Phenanthrene	17.85	178	142975	1.654	ng/ul	98
74) Fluoranthene	19.82	202	441440	4.685	ng/ul#	82
77) Pyrene	20.17	202	421387	4.701	ng/ul#	75
80) Benzo(a)anthracene	21.89	228	251608	2.805	ng/ul	96
82) Chrysene	21.94	228	286144m	3.407	ng/ul	
85) Benzo(b)fluoranthene	23.62	252	451631	4.408	ng/ul#	89
86) Benzo(k)fluoranthene	23.67	252	177056m	1.797	ng/ul	
88) Benzo(a)pyrene	24.27	252	313361	3.224	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	26.94	276	263630	2.242	ng/ul#	88
91) Benzo(g,h,i)perylene	27.74	276	266265	2.753	ng/ul#	85

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

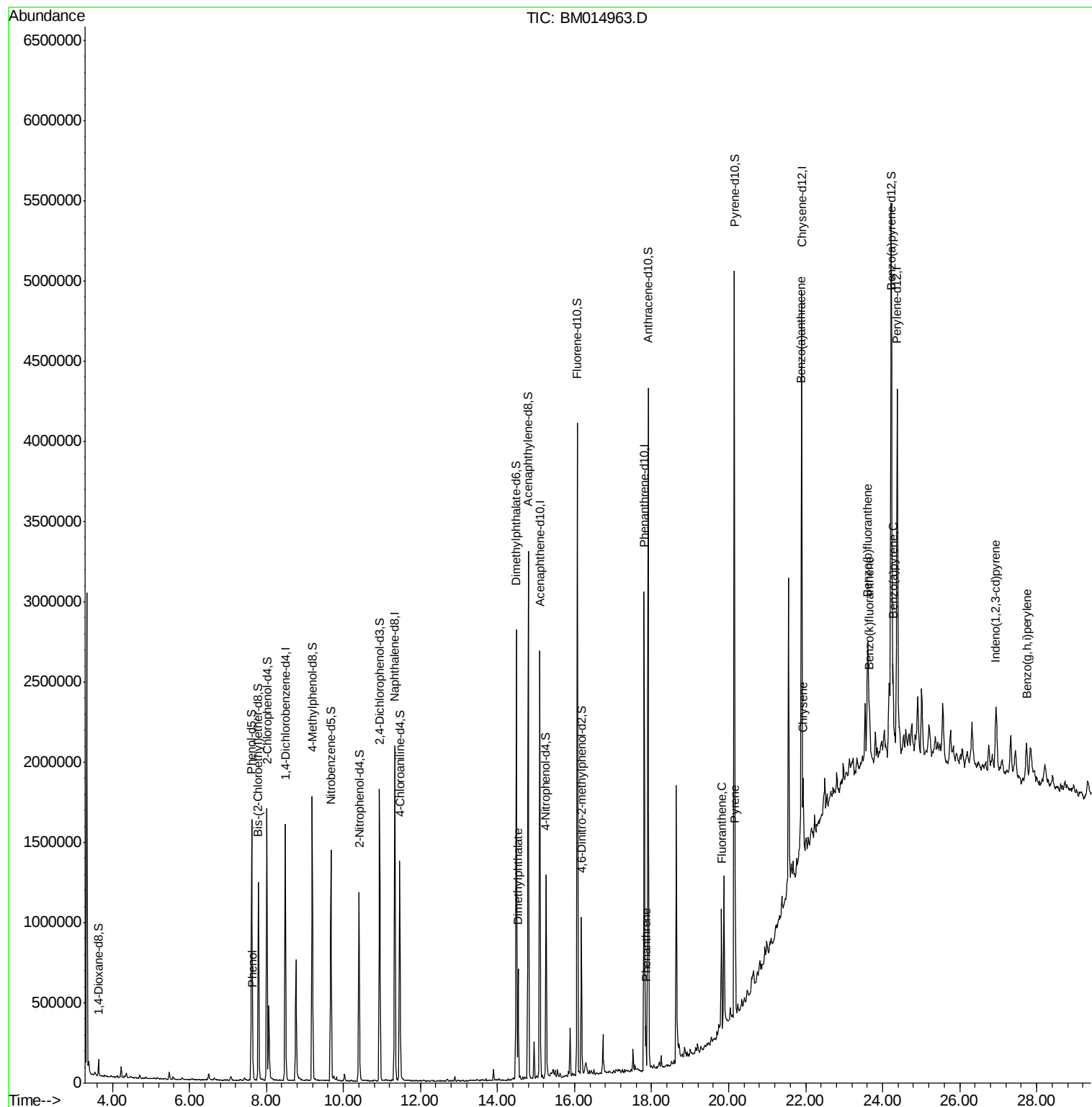
Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014963.D
Acq On : 04 May 2018 03:34
Operator : SJ/JU
Sample : J2554-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

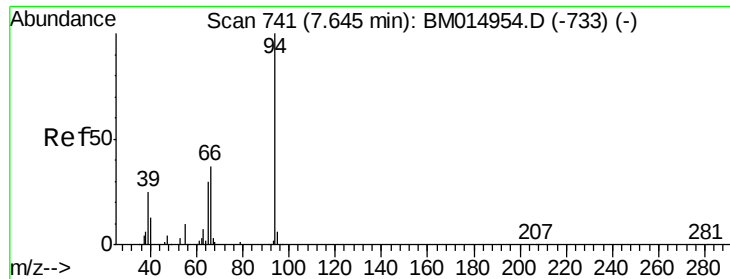
Instrument :
BNA_M
ClientSampleId :
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Quant Time: May 04 07:03:33 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 05:51:01 2018
Response via : Initial Calibration





#6

Phenol

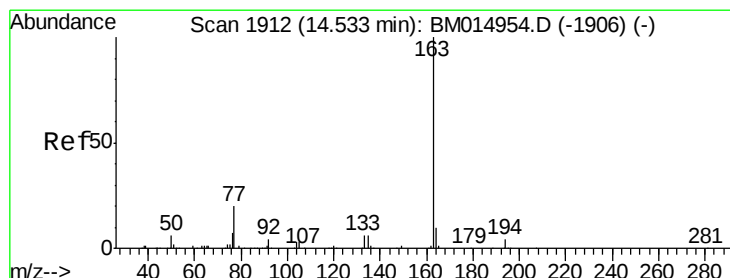
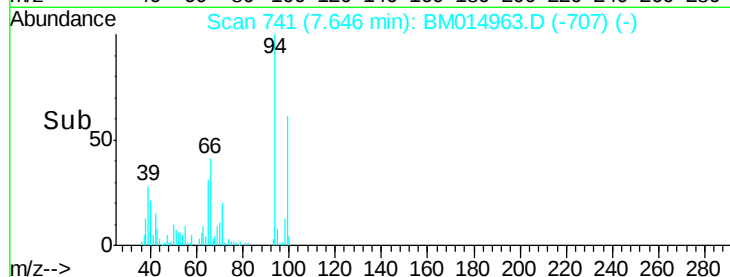
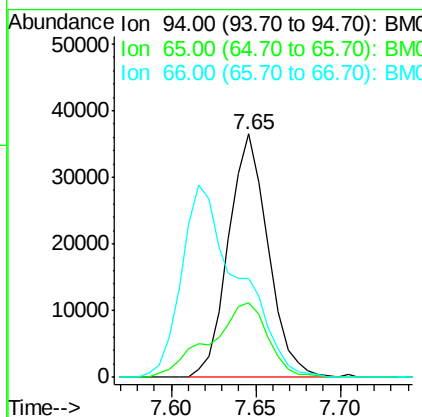
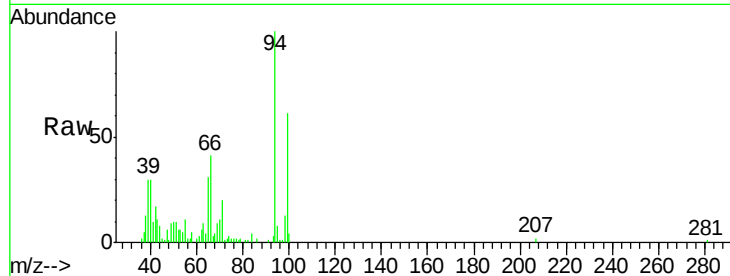
Concen: 1.919 ng/ul
 RT: 7.65 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BM014963.D
 Acq: 04 May 2018 03:34

Instrument :
 BNA_M
 ClientSampleId :
 C0AF6

Tot Ion	Ratio	Lower	Upper
94	100		
65	30.7	28.2	42.4
66	40.6	47.2	70.8

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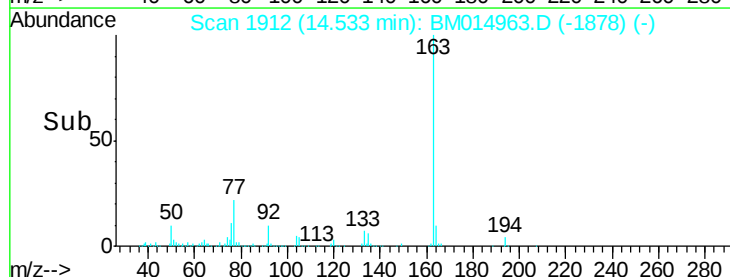
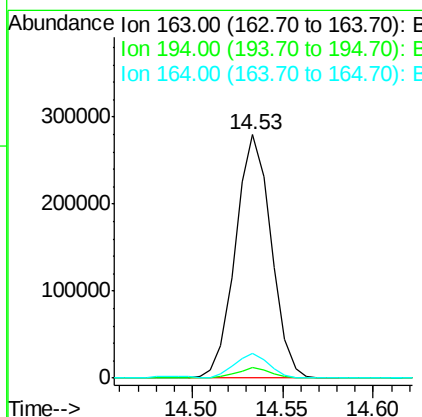
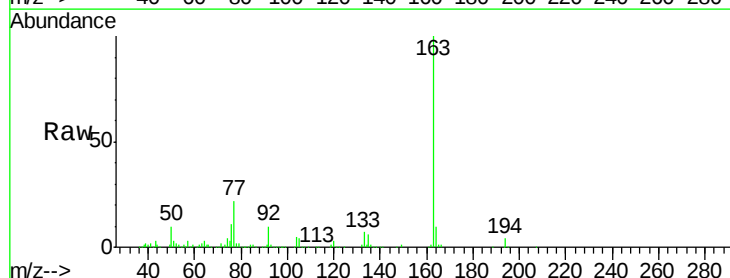


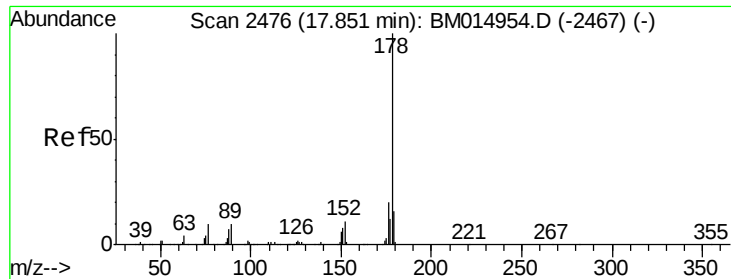
#44

Dimethylphthalate

Concen: 6.180 ng/ul
 RT: 14.53 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: BM014963.D
 Acq: 04 May 2018 03:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.0	8.2	12.4





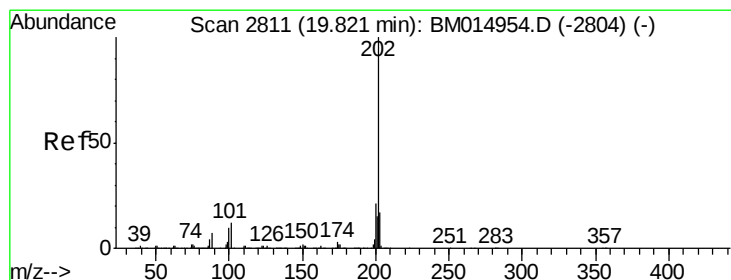
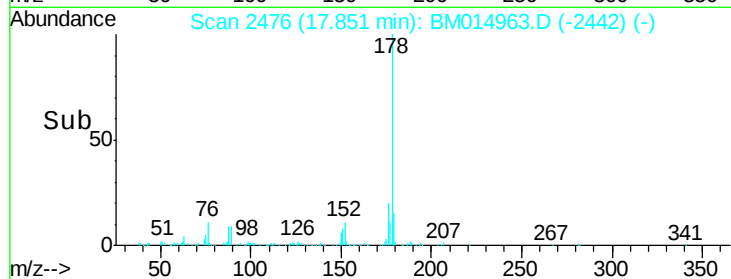
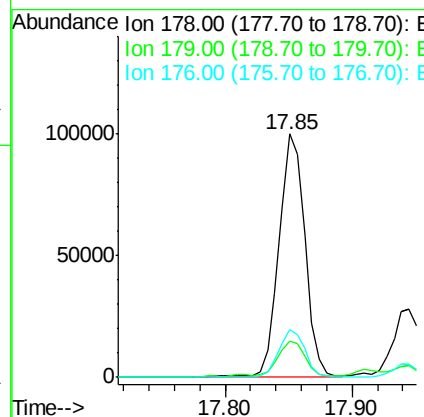
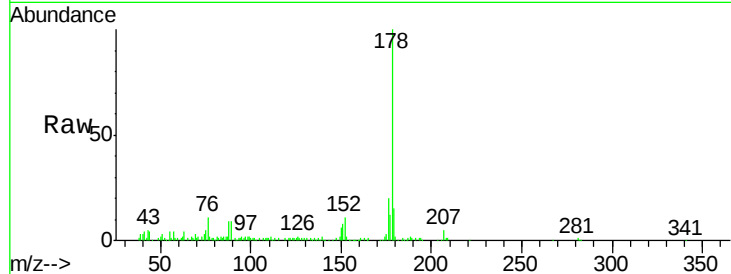
#69
Phenanthrene
Concen: 1.654 ng/ul
RT: 17.85 min Scan# 2476
Delta R.T. 0.00 min
Lab File: BM014963.D
Acq: 04 May 2018 03:34

Instrument :
BNA_M
ClientSampleId :
C0AF6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	19.6	14.9	22.3

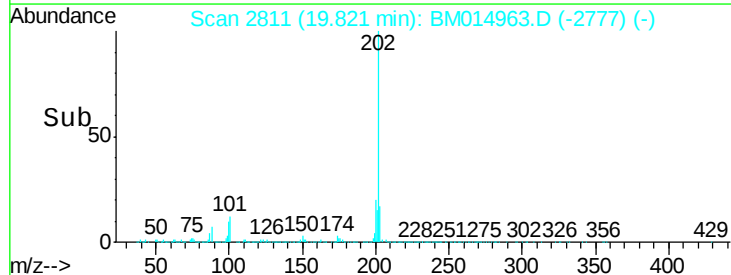
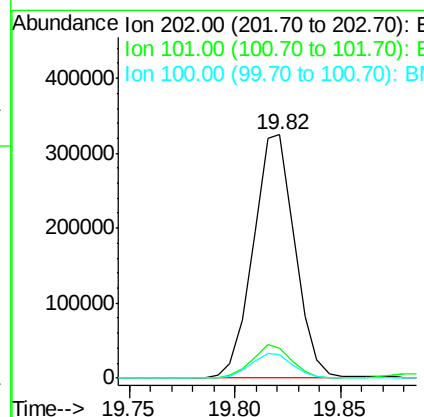
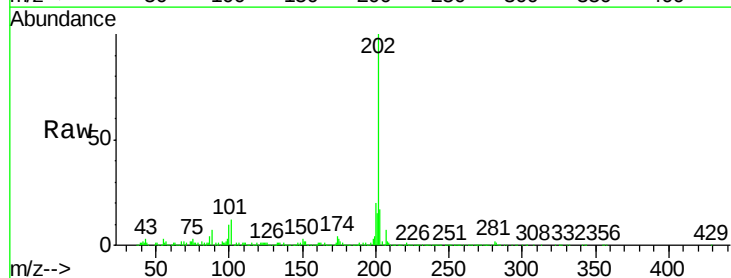
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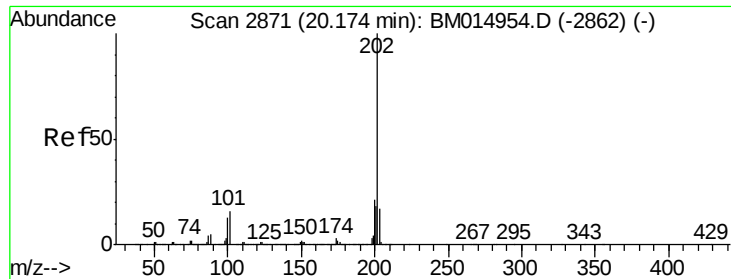
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#74
Fluoranthene
Concen: 4.685 ng/ul
RT: 19.82 min Scan# 2811
Delta R.T. 0.00 min
Lab File: BM014963.D
Acq: 04 May 2018 03:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	4.6	7.0#
100	9.8	3.4	5.2#





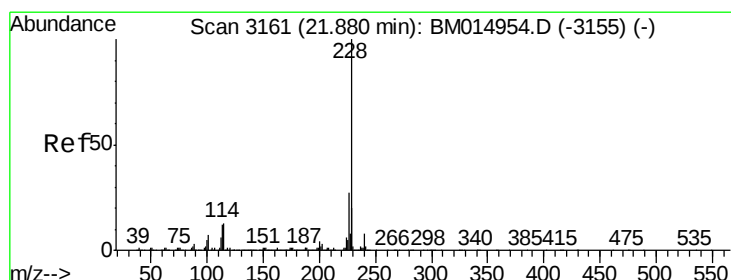
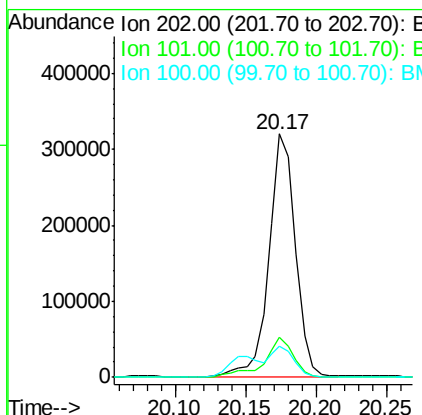
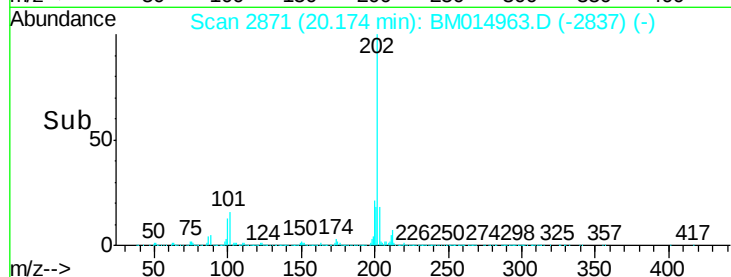
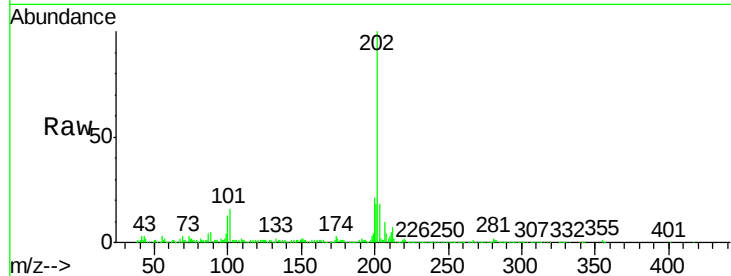
#77
Pvrene
Concen: 4.701 ng/ul
RT: 20.17 min Scan# 2871
Delta R.T. 0.00 min
Lab File: BM014963.D
Acq: 04 May 2018 03:34

Instrument :
BNA_M
ClientSampleId :
C0AF6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.2	5.1	7.7#
100	12.9	4.9	7.3#

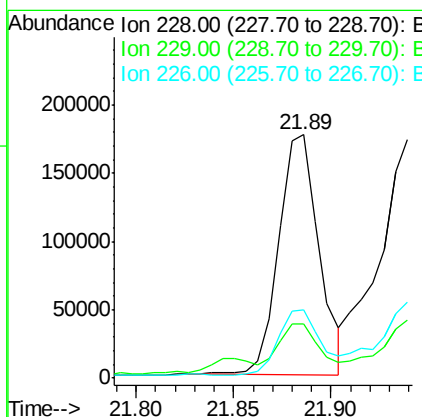
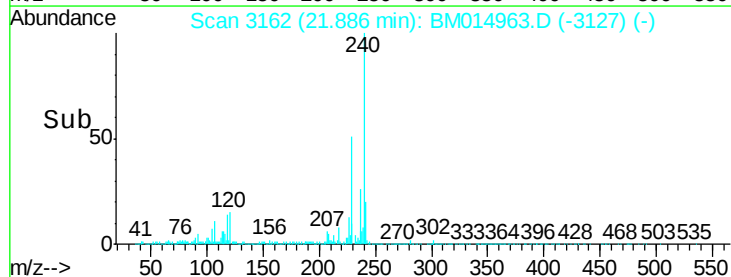
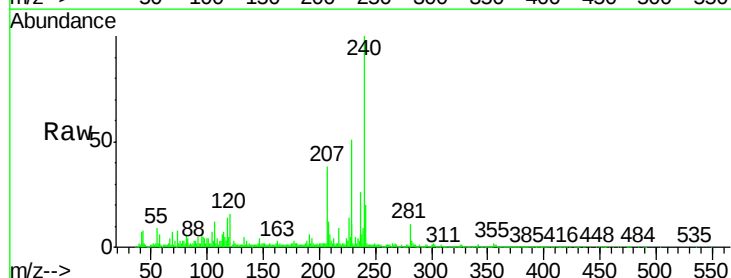
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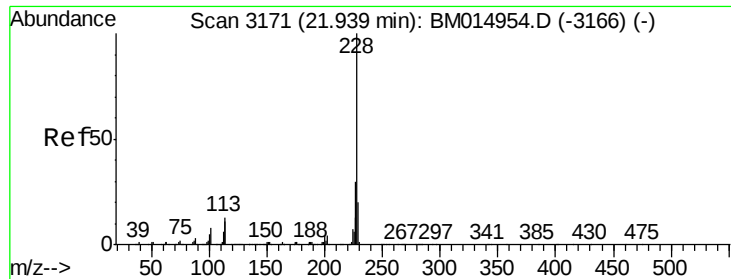
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#80
Benzo(a)anthracene
Concen: 2.805 ng/ul
RT: 21.89 min Scan# 3162
Delta R.T. 0.01 min
Lab File: BM014963.D
Acq: 04 May 2018 03:34

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.2	15.4	23.0
226	27.8	21.4	32.0





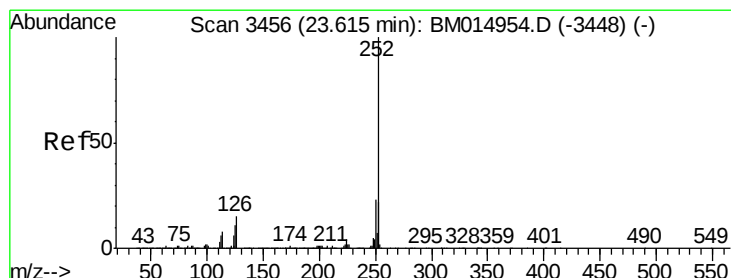
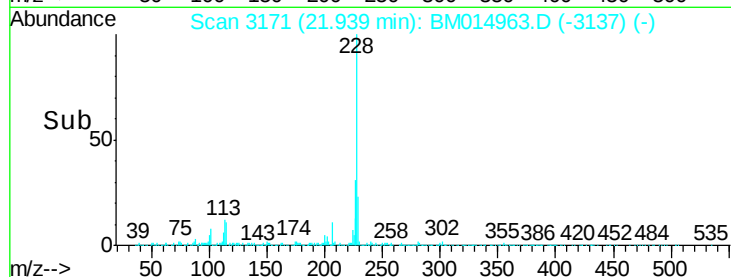
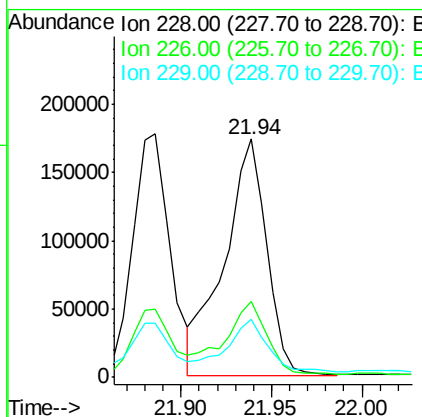
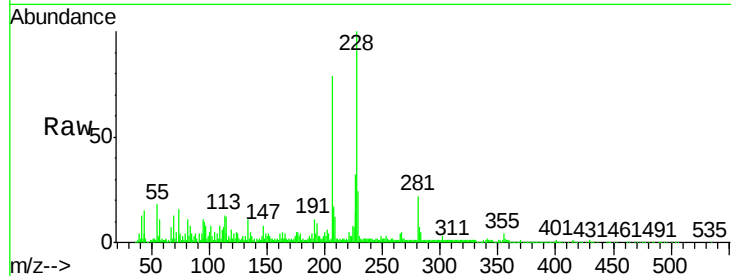
#82
Chrysene
Concen: 3.407 ng/ul m
RT: 21.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BM014963.D
Acq: 04 May 2018 03:34

Instrument :
BNA_M
ClientSampleId :
C0AF6

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.4	35.2
229	24.2	15.5	23.3

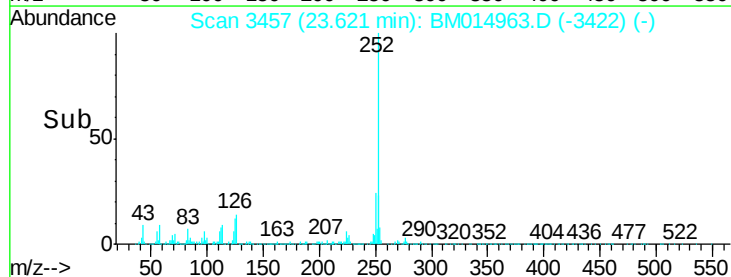
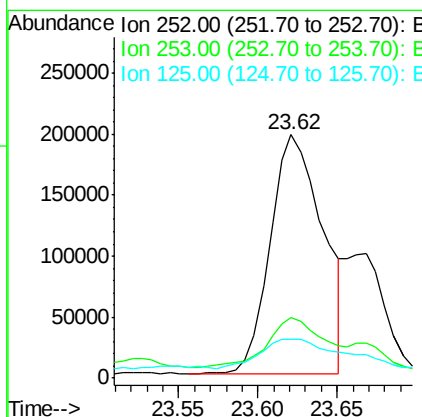
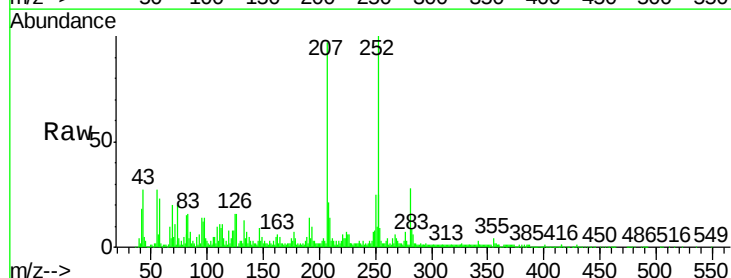
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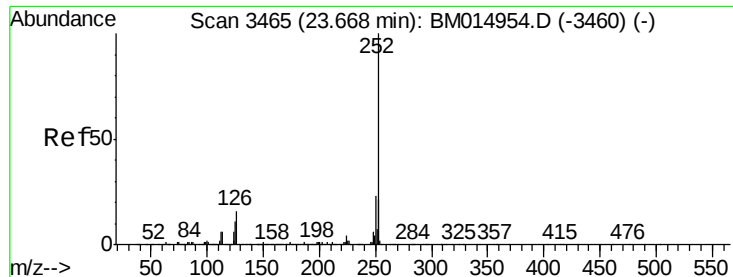
Sohil
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#85
Benzo(b)fluoranthene
Concen: 4.408 ng/ul
RT: 23.62 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BM014963.D
Acq: 04 May 2018 03:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	16.0	3.6	5.4





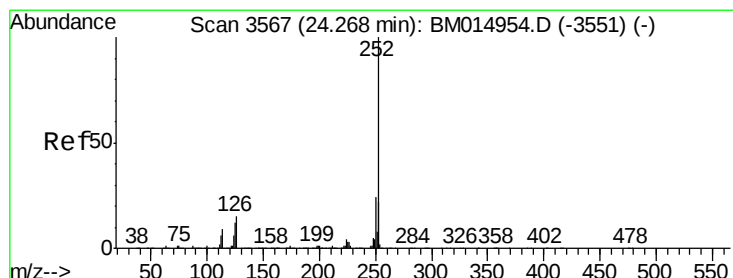
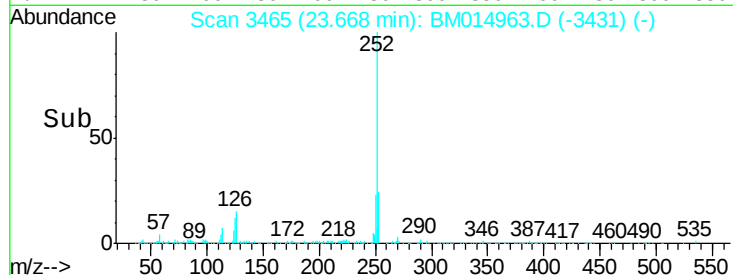
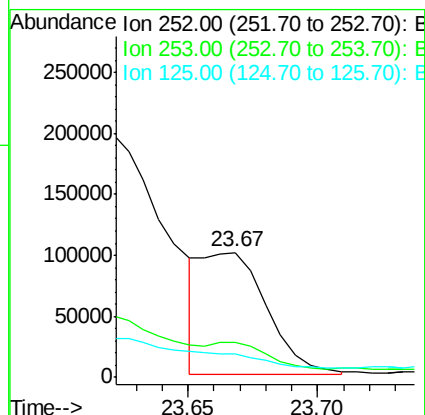
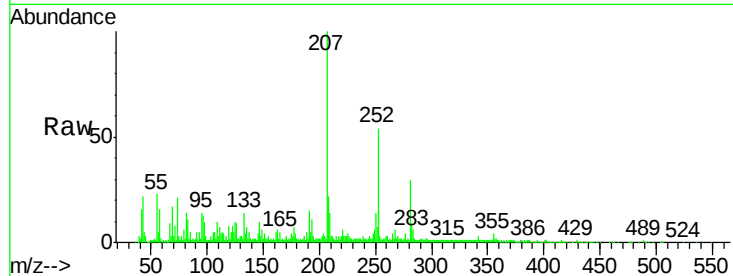
#86
Benzo(k)fluoranthene
Concen: 1.797 ng/ul m
RT: 23.67 min Scan# 3465
Delta R.T. 0.00 min
Lab File: BM014963.D
Acq: 04 May 2018 03:34

Instrument :
BNA_M
ClientSampleId :
C0AF6

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.1	25.7#
125	19.0	3.4	5.2#

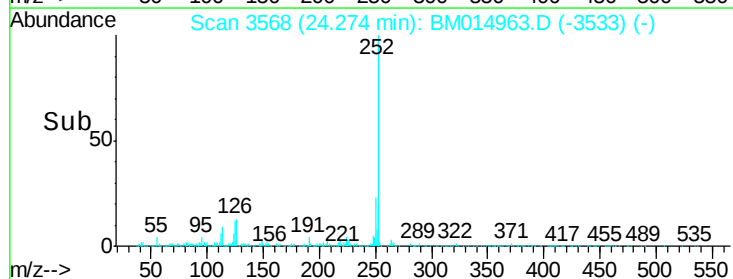
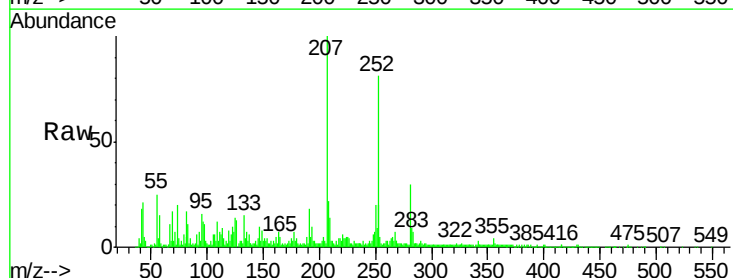
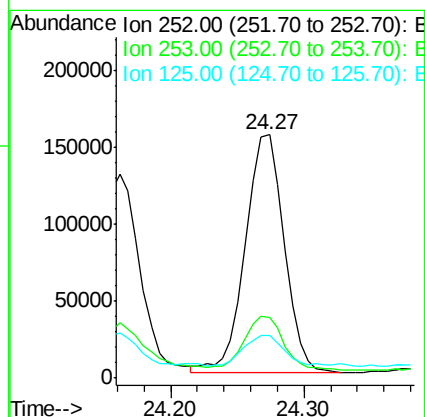
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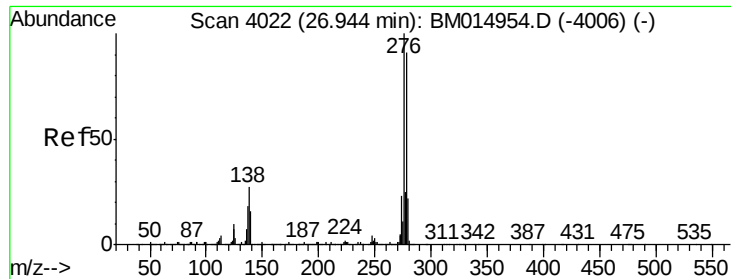
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#88
Benzo(a)pyrene
Concen: 3.224 ng/ul
RT: 24.27 min Scan# 3568
Delta R.T. 0.01 min
Lab File: BM014963.D
Acq: 04 May 2018 03:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.2
125	17.4	4.0	6.0#





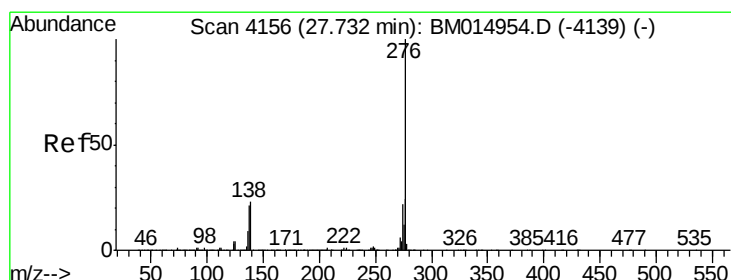
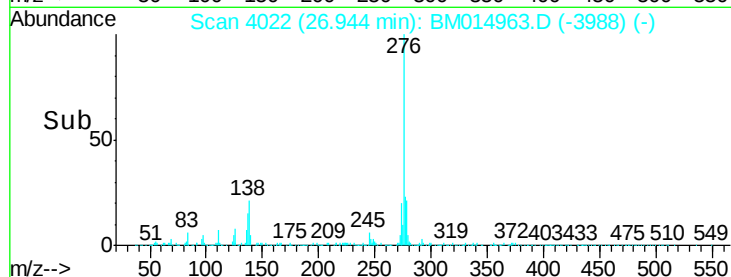
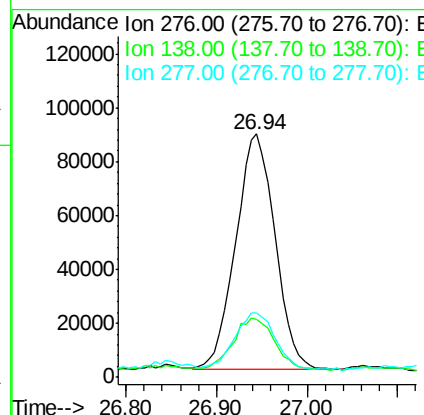
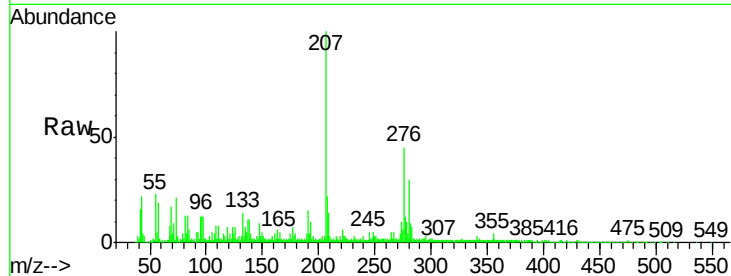
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Indeno(1,2,3-cd)pyrene
Concen: 2.242 ng/ul
RT: 26.94 min Scan# 4022
Delta R.T. 0.00 min
Lab File: BM014963.D
Acq: 04 May 2018 03:34

Instrument :
BNA_M
ClientSampleId :
C0AF6

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	9.3	13.9#
277	26.4	19.9	29.9

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.753 ng/ul
RT: 27.74 min Scan# 4158
Delta R.T. 0.01 min
Lab File: BM014963.D
Acq: 04 May 2018 03:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	8.5	12.7#
277	26.2	18.6	28.0

