

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007216.D
 Acq On : 18 Aug 2016 22:27
 Operator : UM/SJ
 Sample : H4445-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N32

Manual Integrations
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Quant Time: Aug 19 05:39:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 04:48:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	279680	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1155536	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	686034	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1624978	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2086882	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2129623	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	18609	2.91	ng/uL	0.00
5) Phenol-d5	6.97	99	329750	14.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	218645	16.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	290418	16.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	240524	12.90	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	144114	17.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	155424	17.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	292925	15.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	352883	15.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	921894	16.26	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1144585	16.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	95248	9.37	ng/ul	0.00
57) Fluorene-d10	15.43	176	832440	16.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	77611	8.64	ng/ul	0.00
70) Anthracene-d10	17.27	188	1274654	16.93	ng/ul	0.00
76) Pyrene-d10	19.57	212	1532427	17.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	1676223	17.21	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.89	163	238268	4.21	ng/ul	98
69) Phenanthrene	17.22	178	91626	1.05	ng/ul	98
74) Fluoranthene	19.23	202	334260	3.15	ng/ul	99
77) Pyrene	19.59	202	282501	2.45	ng/ul	99
80) Benzo(a)anthracene	21.34	228	187770	1.52	ng/ul	99
82) Chrysene	21.39	228	158341m	1.41	ng/ul	
85) Benzo(b)fluoranthene	22.94	252	233444	1.82	ng/ul	97
88) Benzo(a)pyrene	23.53	252	167685	1.38	ng/ul	99

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

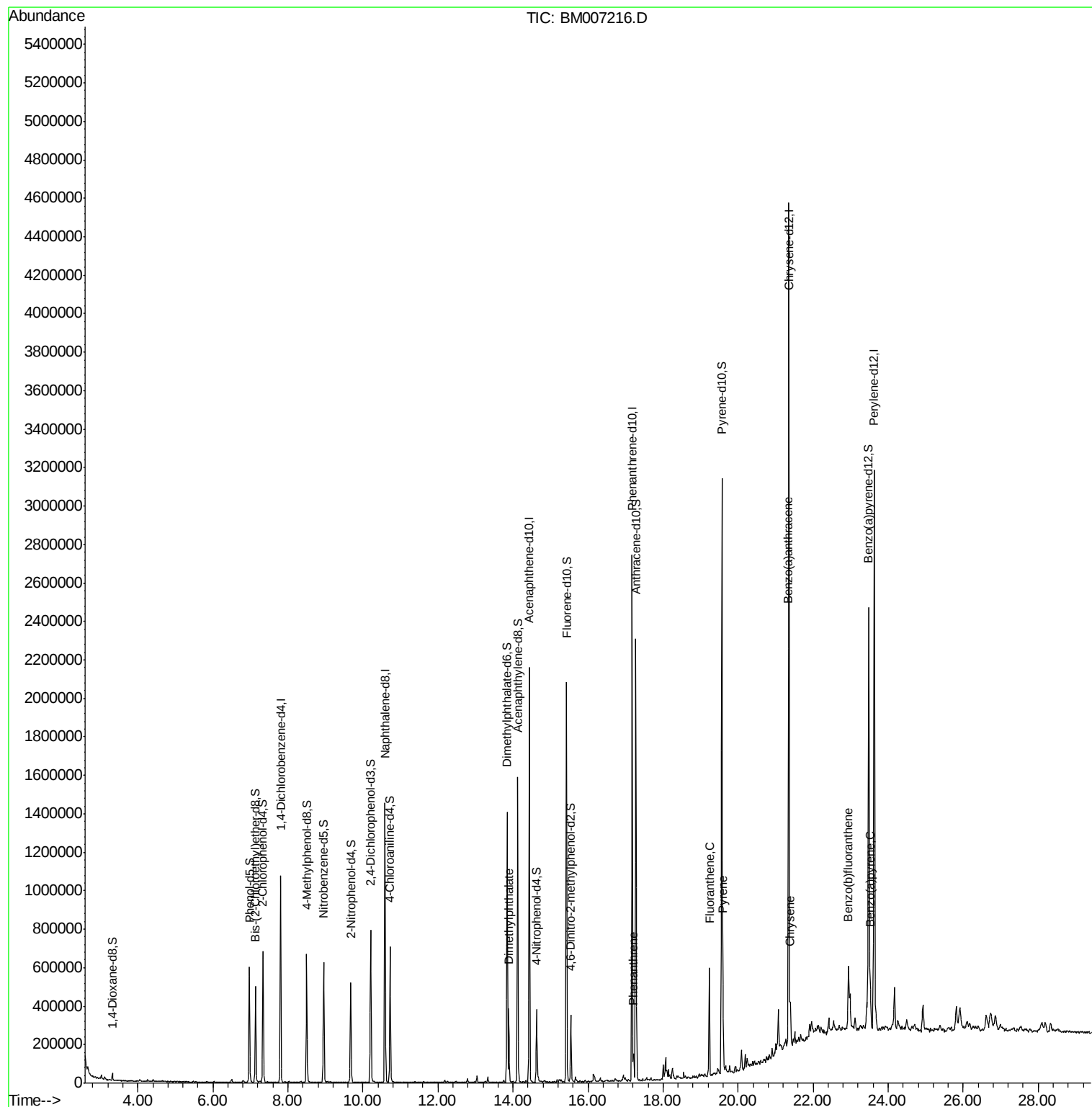
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
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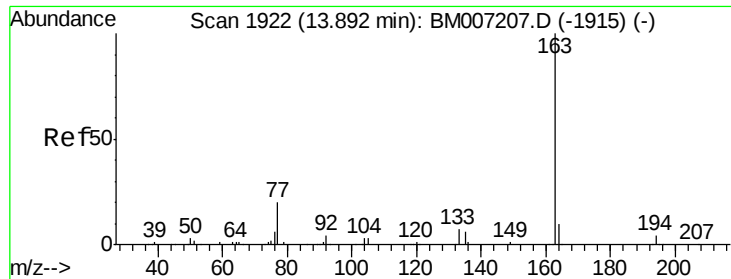
Instrument :
BNA_M
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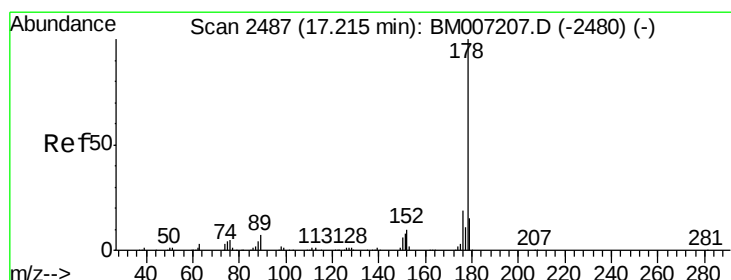
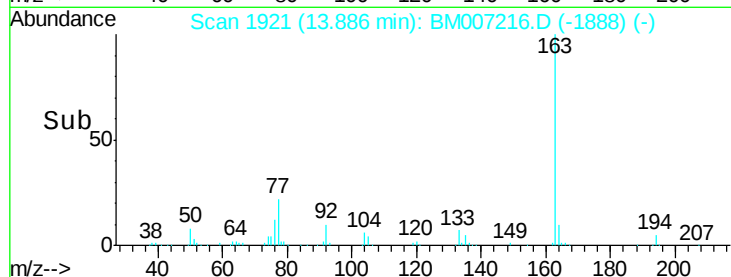
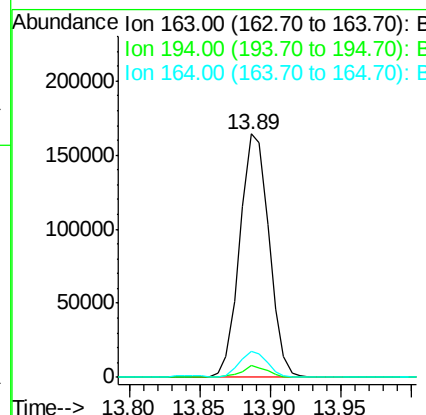
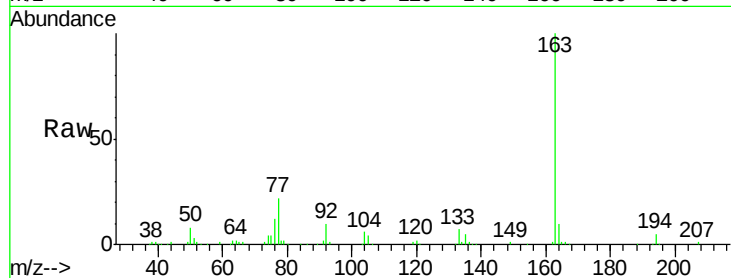
#44
Dimethylphthalate
Concen: 4.21 ng/ul
RT: 13.89 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM007216.D
Acq: 18 Aug 2016 22:27

Instrument :
BNA_M
ClientSampleId :
E5N32

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	5.0	3.4	5.2
164	10.5	7.8	11.8

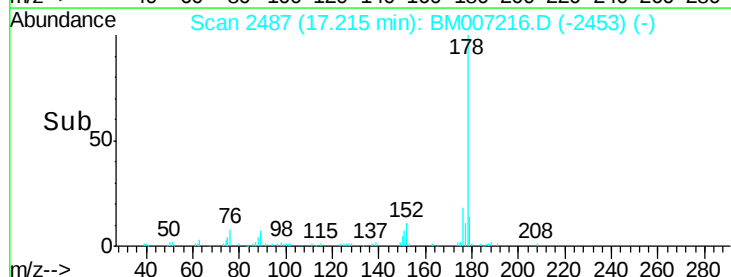
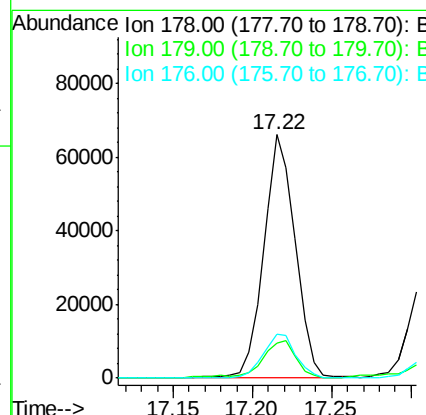
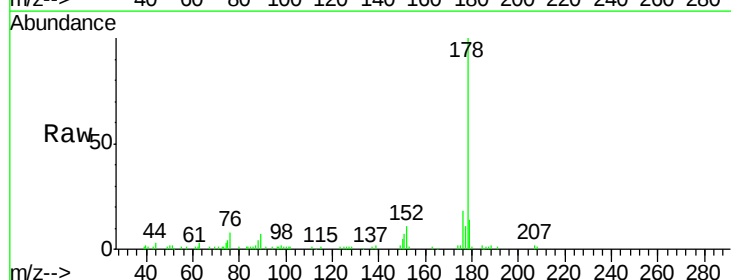
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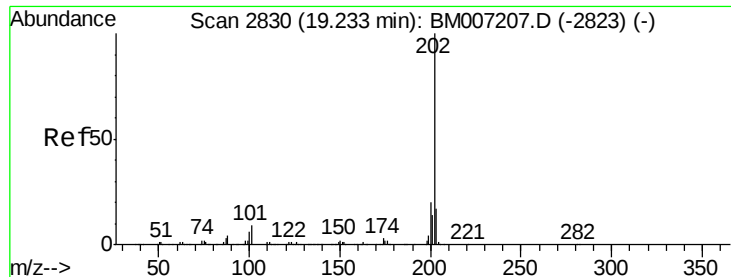
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#69
Phenanthrene
Concen: 1.05 ng/ul
RT: 17.22 min Scan# 2487
Delta R.T. 0.00 min
Lab File: BM007216.D
Acq: 18 Aug 2016 22:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	14.1	12.2	18.2
176	18.2	15.1	22.7





#74

Fluoranthene

Concen: 3.15 ng/ul

RT: 19.23 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM007216.D

Acq: 18 Aug 2016 22:27

Instrument :

BNA_M

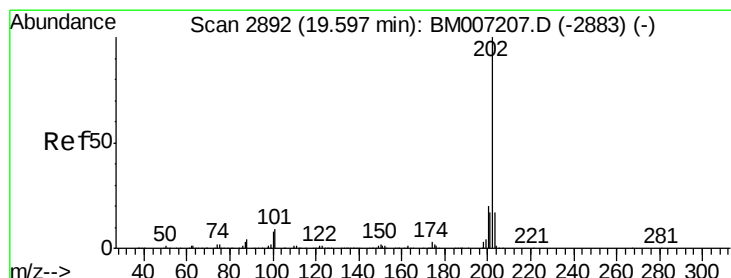
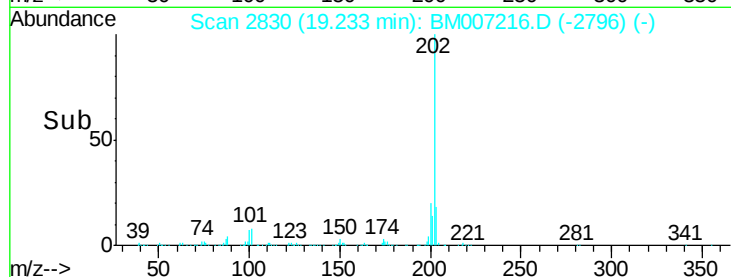
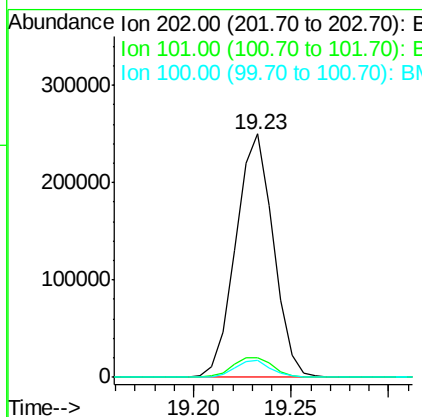
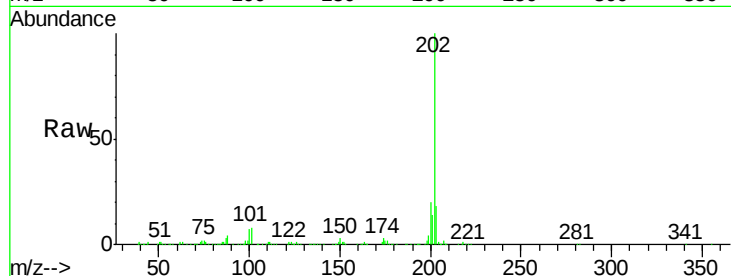
ClientSampleId :

E5N32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	334260		
101	7.9	6.9	10.3	
100	6.8	5.4	8.0	

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#77

Pyrene

Concen: 2.45 ng/ul

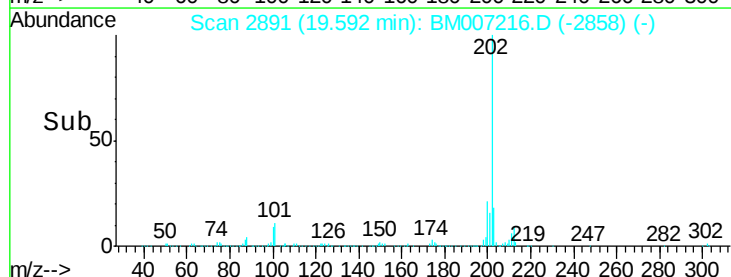
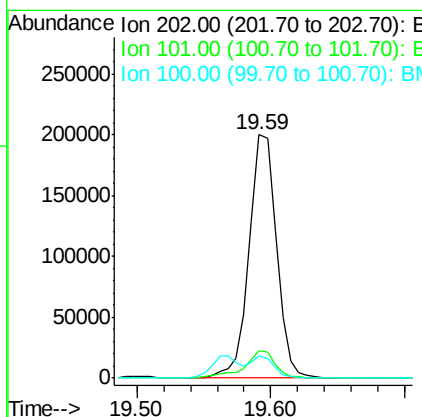
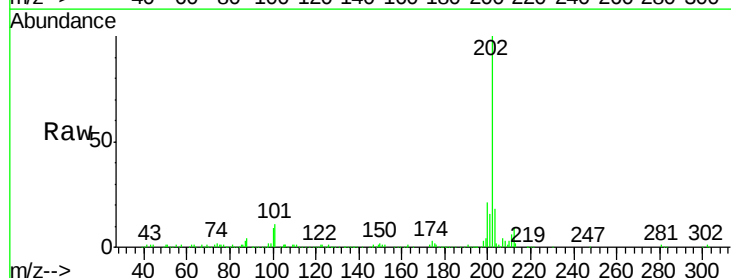
RT: 19.59 min Scan# 2891

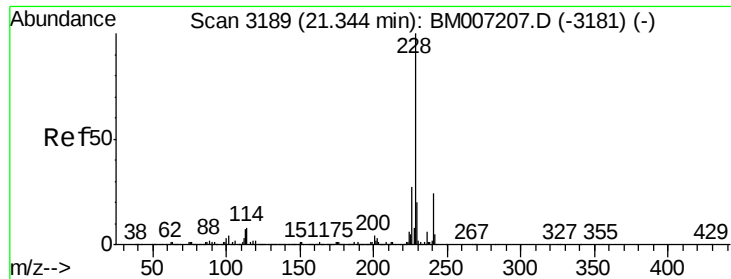
Delta R.T. -0.01 min

Lab File: BM007216.D

Acq: 18 Aug 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	282501		
101	11.1	8.4	12.6	
100	8.9	6.9	10.3	





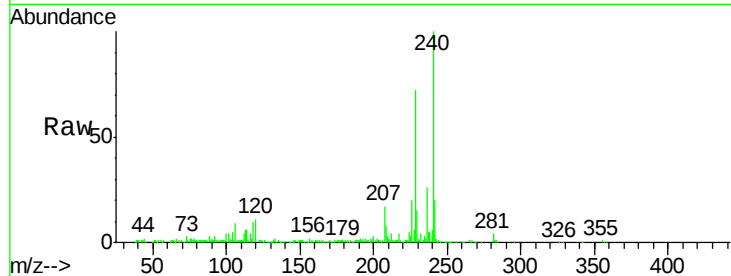
#80
Benzo(a)anthracene
Concen: 1.52 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BM007216.D
Acq: 18 Aug 2016 22:27

Instrument :
BNA_M
ClientSampleId :
E5N32

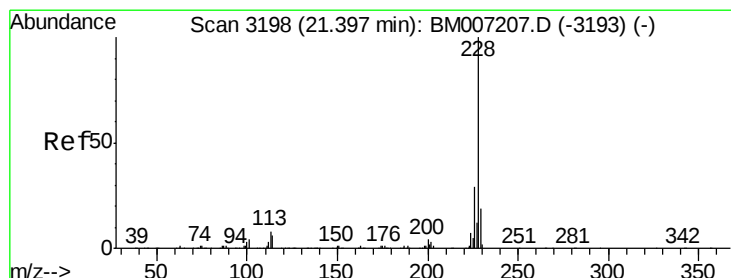
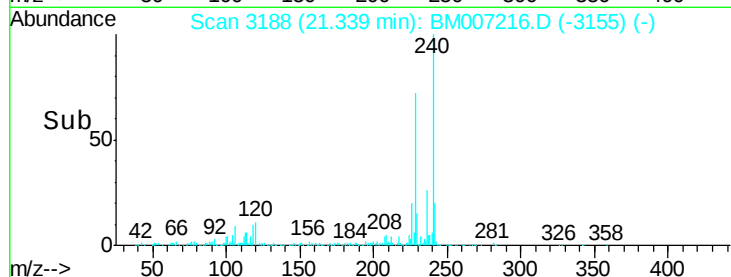
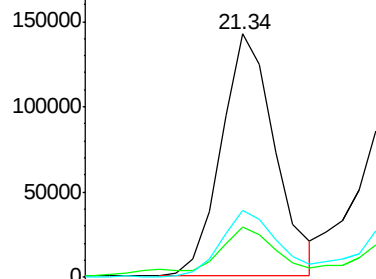
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	187770		
229	20.7	15.6	23.4	
226	27.6	21.8	32.8	

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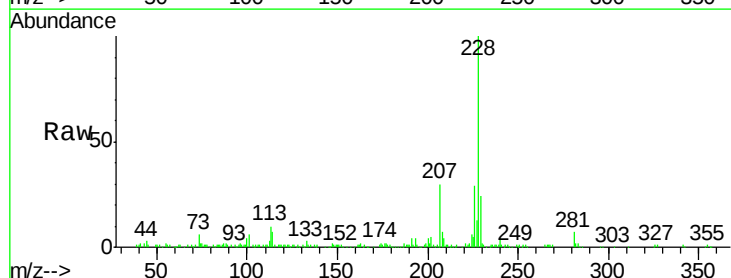


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

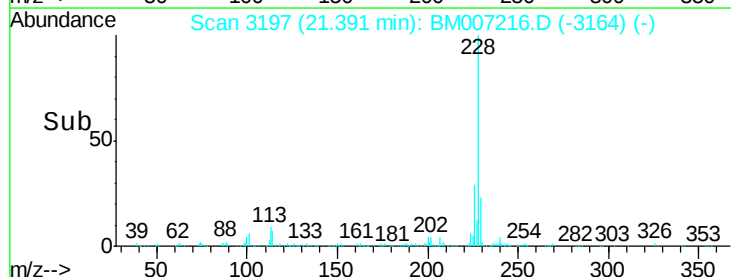
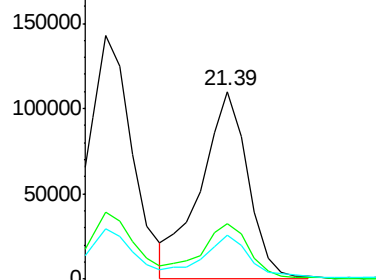


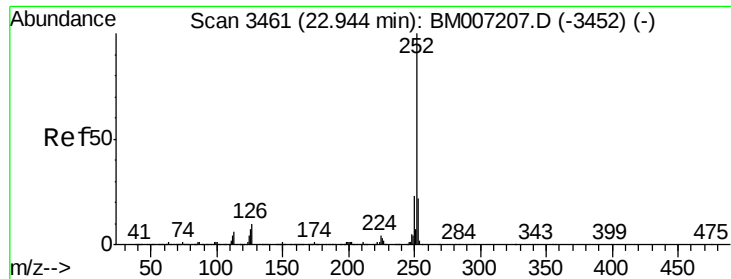
#82
Chrysene
Concen: 1.41 ng/ul m
RT: 21.39 min Scan# 3197
Delta R.T. -0.01 min
Lab File: BM007216.D
Acq: 18 Aug 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	158341		
226	29.4	23.4	35.2	
229	23.6	15.5	23.3#	



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





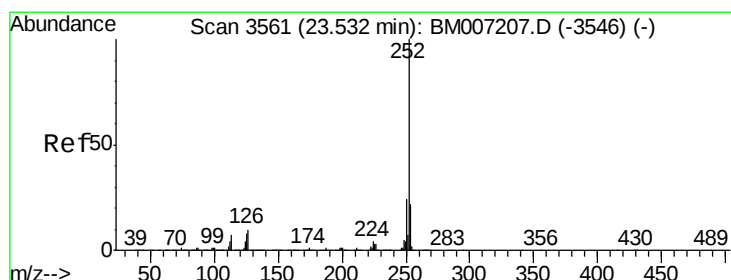
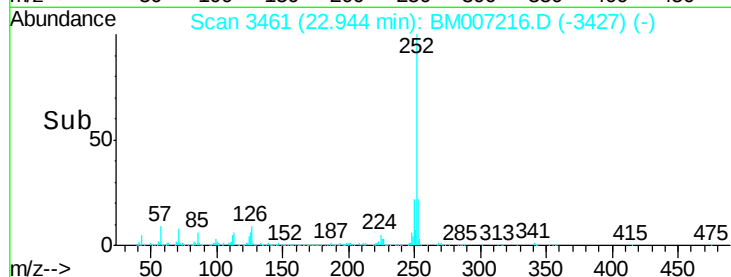
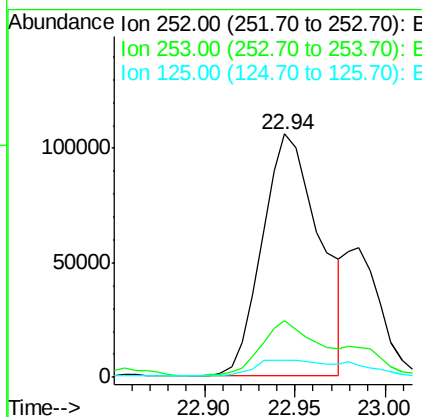
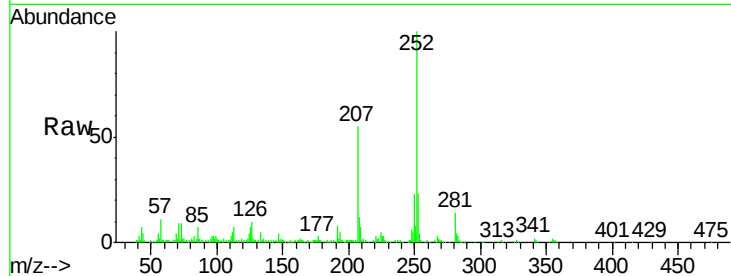
#85
Benzo(b)fluoranthene
Concen: 1.82 ng/ul
RT: 22.94 min Scan# 3461
Delta R.T. 0.00 min
Lab File: BM007216.D
Acq: 18 Aug 2016 22:27

Instrument :
BNA_M
ClientSampled :
E5N32

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	233444		
253	23.1	17.1	25.7	
125	7.0	5.8	8.8	

Manual Integrations
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#88
Benzo(a)pyrene
Concen: 1.38 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. -0.01 min
Lab File: BM007216.D
Acq: 18 Aug 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	167685		
253	22.4	17.7	26.5	
125	9.1	6.6	9.8	

