

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
 Data File : BM006808.D
 Acq On : 01 Aug 2016 03:10
 Operator : UM/SJ
 Sample : H4189-02
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9ZM1

Manual Integrations
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Quant Time: Aug 01 08:07:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 01:37:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	276582	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	1154523	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	617585	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1363145	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1478715	20.00	ng/ul	0.00
34) Perylene-d12	23.42	264	1577266	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	9230	1.35	ng/uL	0.00
3) Phenol-d5	6.79	99	388816	16.52	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	264846	18.17	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	330983	17.60	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	265241	14.53	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	165545	18.94	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	182265	19.61	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	312233	17.78	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	353397	18.27	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	931392	19.23	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	1202879	19.46	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	121906	14.49	ng/ul	0.01
21) Fluorene-d10	15.26	176	829352	19.15	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	83421	11.79	ng/ul	0.00
26) Anthracene-d10	17.11	188	1260987	19.48	ng/ul	0.00
30) Pyrene-d10	19.42	212	1449647	21.51	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.28	264	1473518	20.31	ng/ul	0.00

Target Compounds

						Qvalue
25) Phenanthrene	17.06	178	144746	1.89	ng/ul	99
28) Fluoranthene	19.08	202	450574	5.00	ng/ul	99
31) Pyrene	19.44	202	393030	4.39	ng/ul	97
32) Benzo(a)anthracene	21.20	228	239216	2.67	ng/ul	98
33) Chrysene	21.25	228	330675	4.00	ng/ul	97
35) Benzo(b)fluoranthene	22.76	252	462095	4.89	ng/ul	100
36) Benzo(k)fluoranthene	22.80	252	118999m	1.30	ng/ul	
38) Benzo(a)pyrene	23.33	252	261187	2.84	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.62	276	204575	1.92	ng/ul	98
41) Benzo(g,h,i)perylene	26.30	276	208445	2.28	ng/ul	96

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

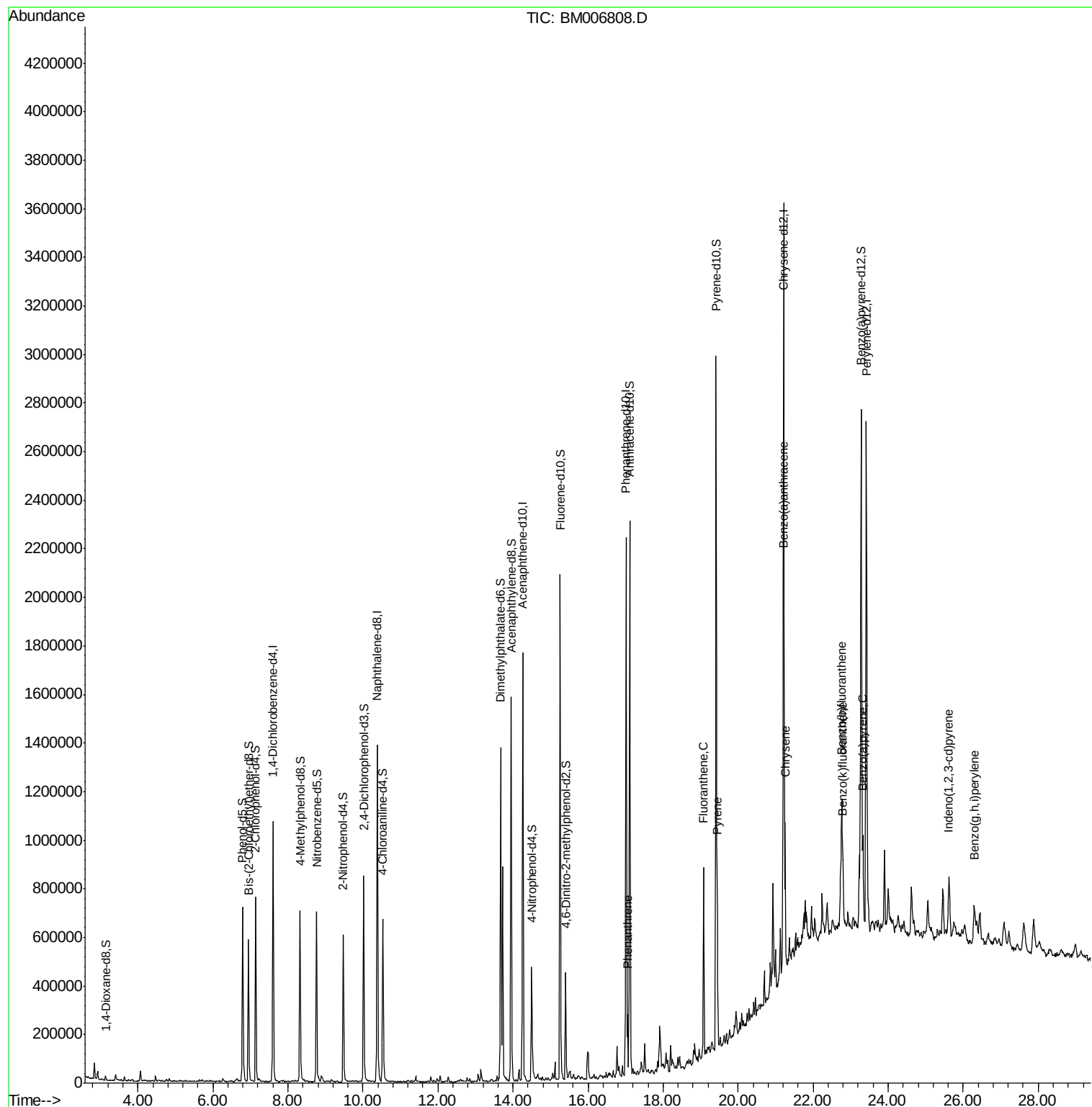
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006808.D
Acq On : 01 Aug 2016 03:10
Operator : UM/SJ
Sample : H4189-02
Misc :
ALS Vial : 76 Sample Multiplier: 1

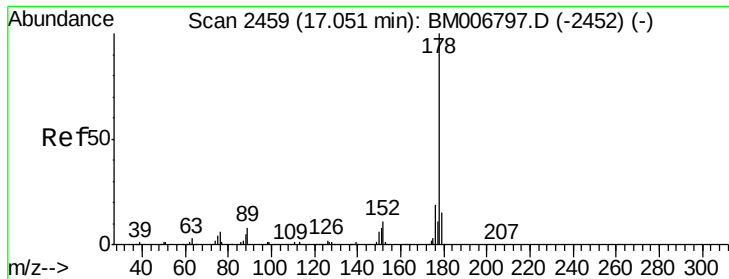
Instrument :
BNA_M
ClientSampled :
D9ZM1

Manual Integrations
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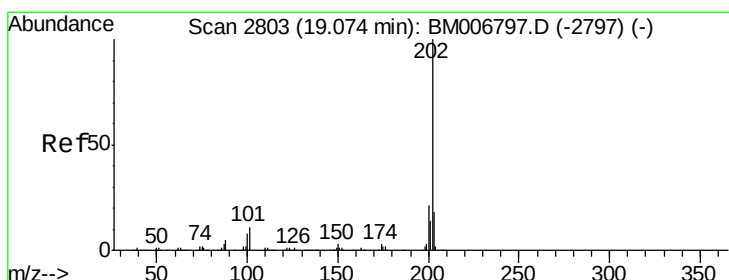
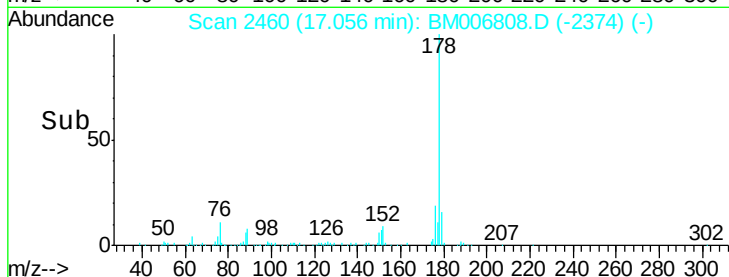
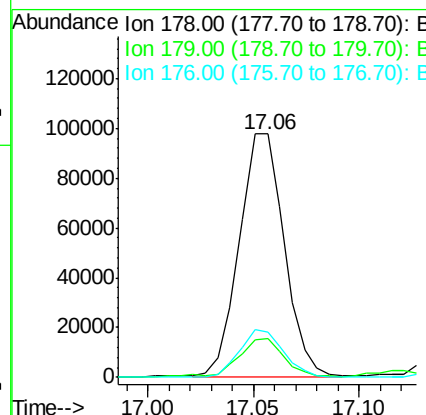
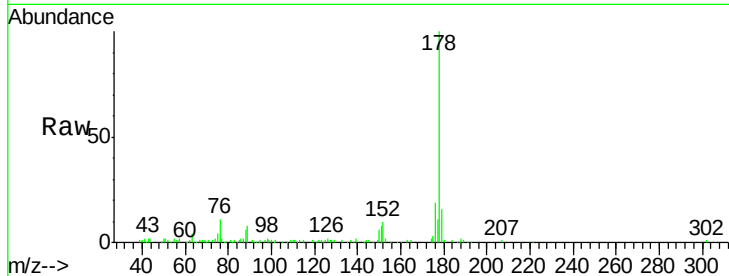
#25
Phenanthrene
Concen: 1.89 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BM006808.D
Acq: 01 Aug 2016 03:10

Instrument :
BNA_M
ClientSampleId :
D9ZM1

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	18.6	14.8	22.2

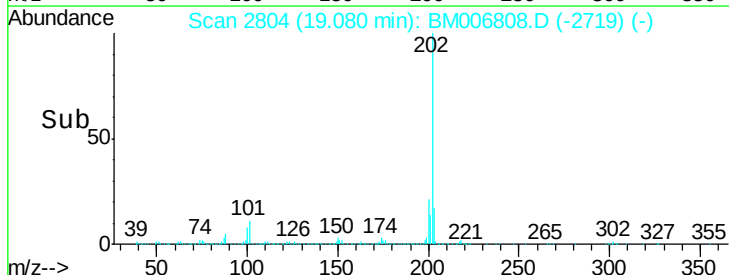
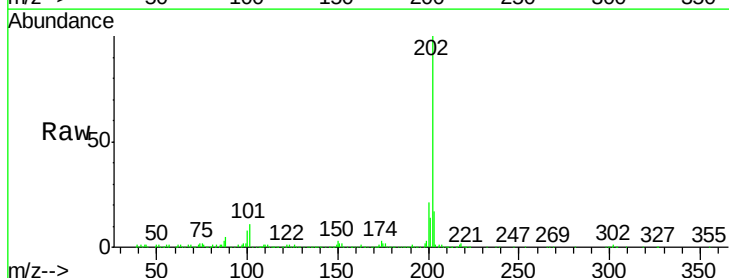
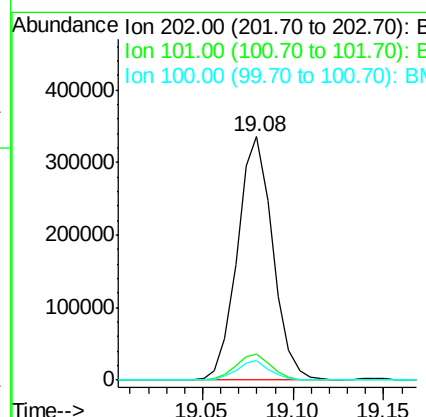
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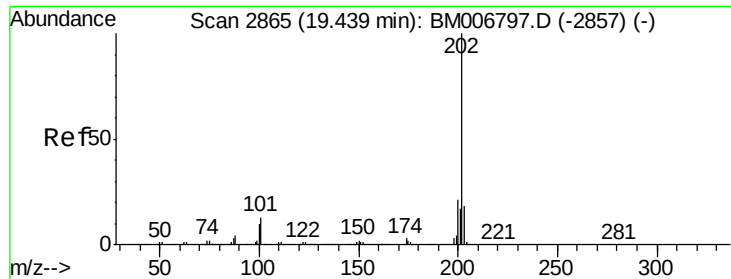
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#28
Fluoranthene
Concen: 5.00 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. -0.00 min
Lab File: BM006808.D
Acq: 01 Aug 2016 03:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.9	13.3
100	8.3	7.0	10.4





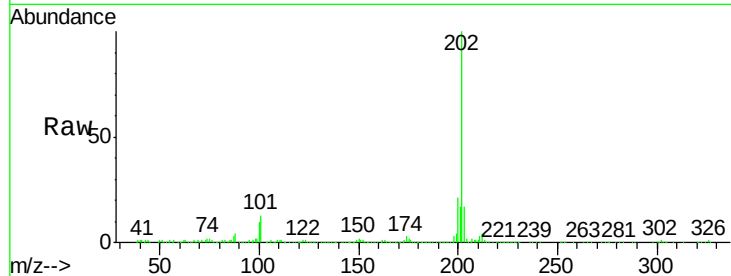
#31
 Pyrene
 Concen: 4.39 ng/ul
 RT: 19.44 min Scan# 2866
 Delta R.T. -0.00 min
 Lab File: BM006808.D
 Acq: 01 Aug 2016 03:10

Instrument :
 BNA_M
 ClientSampleId :
 D9ZM1

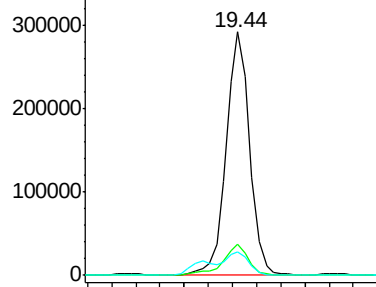
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	393030		
101	13.0	9.8	14.8	
100	9.9	9.3	13.9	

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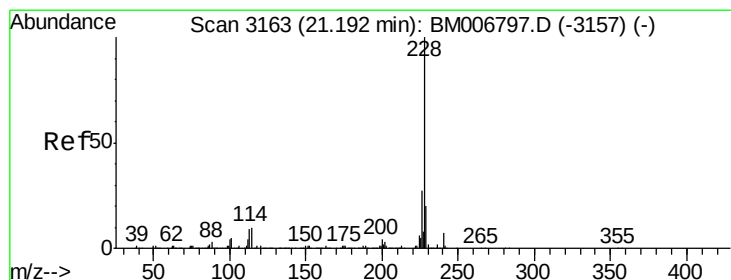
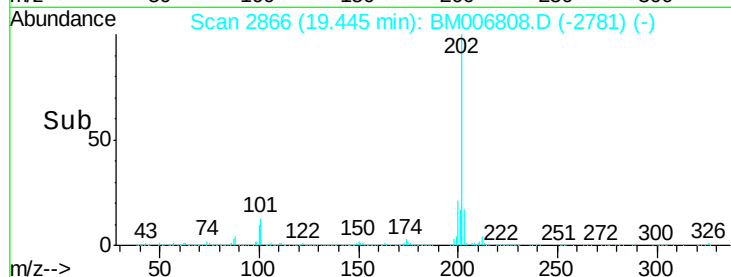
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Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

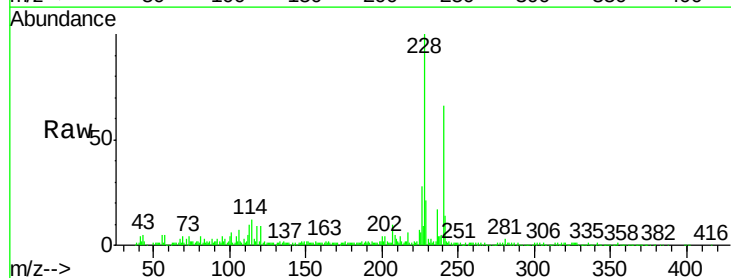


Time-->

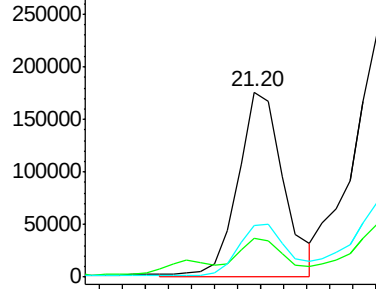


#32
 Benzo(a)anthracene
 Concen: 2.67 ng/ul
 RT: 21.20 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BM006808.D
 Acq: 01 Aug 2016 03:10

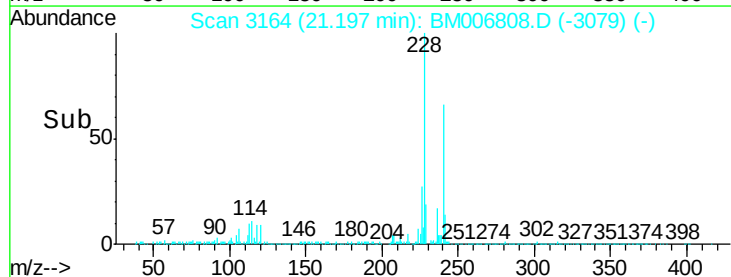
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	239216		
229	21.2	16.6	25.0	
226	27.8	21.0	31.4	

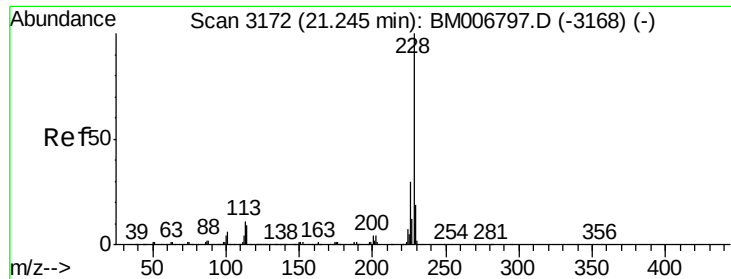


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E



Time-->





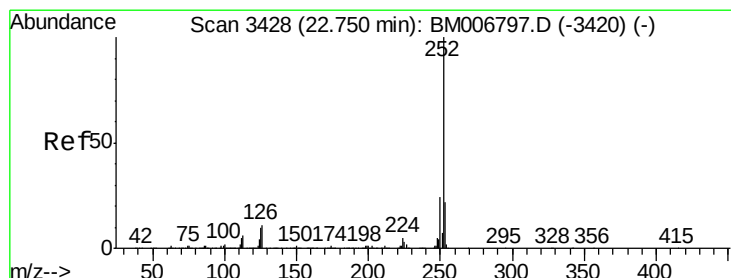
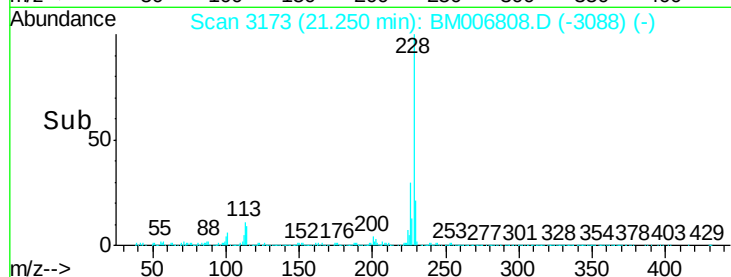
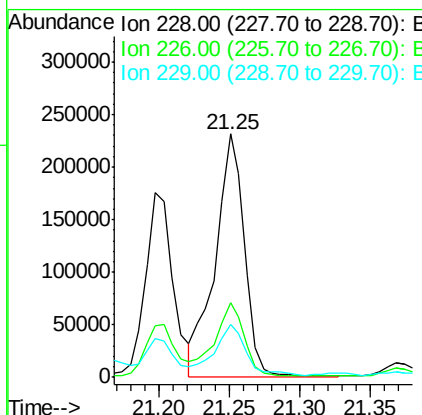
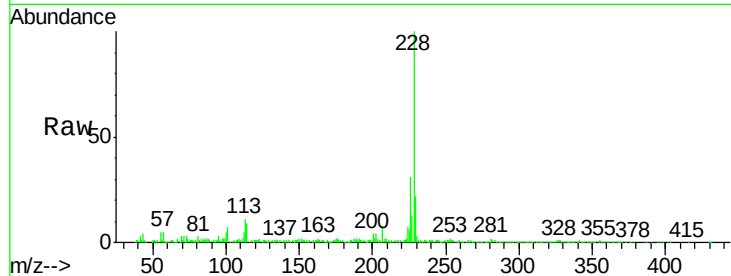
#33
Chrysene
 Concen: 4.00 ng/ul
 RT: 21.25 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: BM006808.D
 Acq: 01 Aug 2016 03:10

Instrument :
 BNA_M
 ClientSampleId :
 D9ZM1

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	330675		
226	30.8		23.4	35.2
229	21.7		16.2	24.2

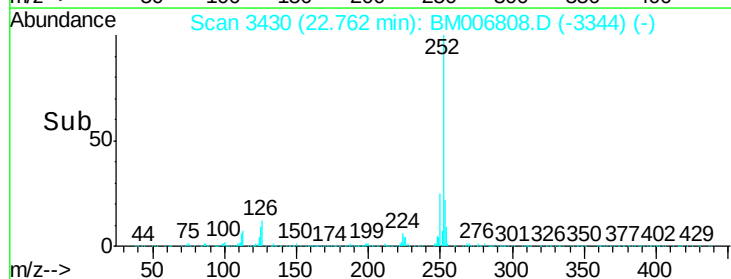
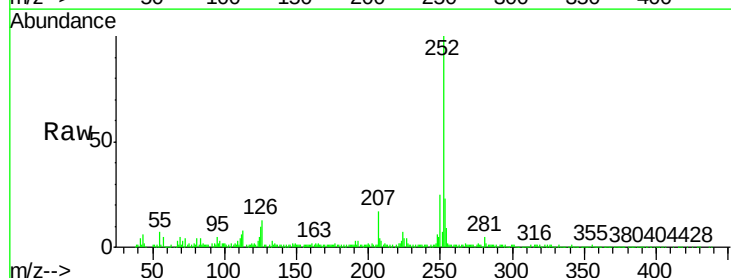
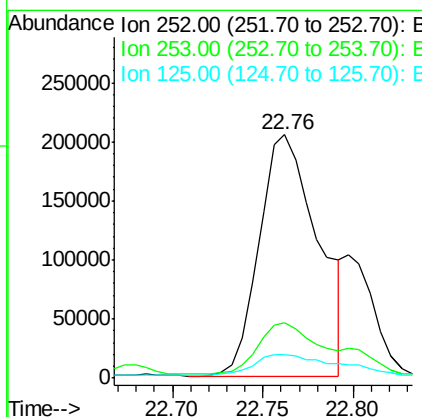
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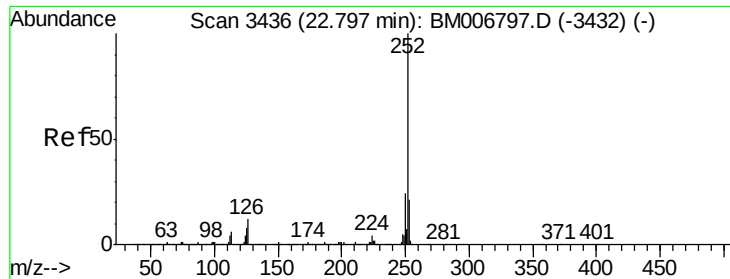
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#35
Benzo(b)fluoranthene
 Concen: 4.89 ng/ul
 RT: 22.76 min Scan# 3430
 Delta R.T. 0.01 min
 Lab File: BM006808.D
 Acq: 01 Aug 2016 03:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	462095		
253	22.7		18.1	27.1
125	9.9		7.6	11.4





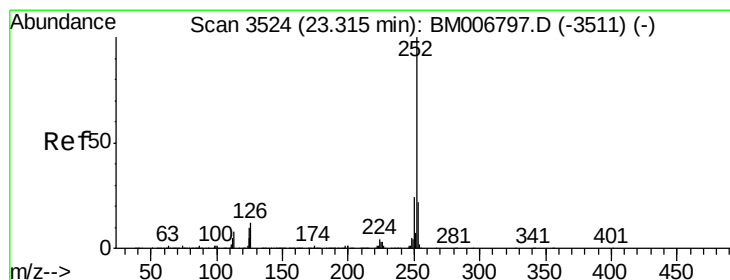
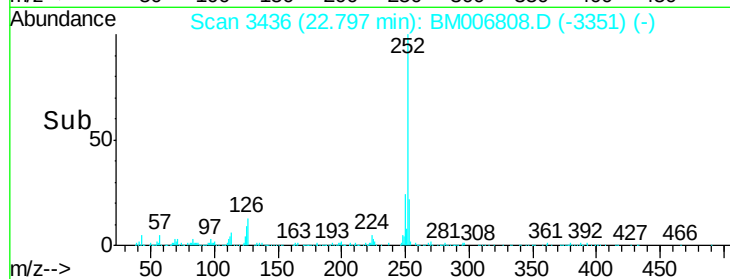
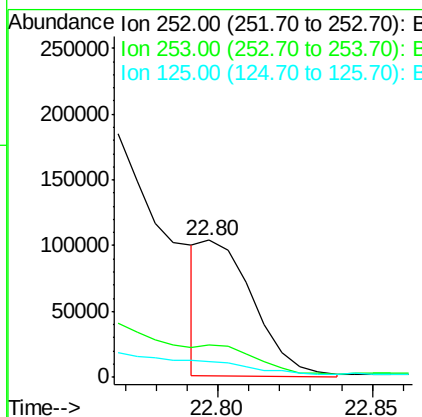
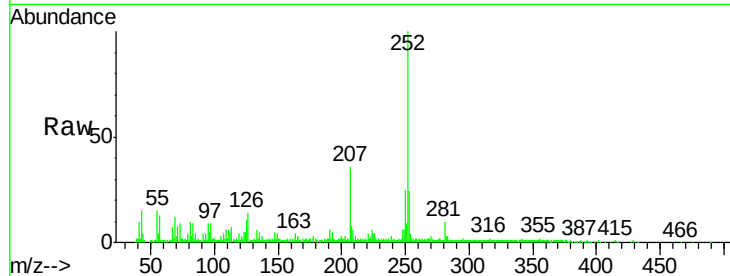
#36
Benzo(k)fluoranthene
Concen: 1.30 ng/ul m
RT: 22.80 min Scan# 3436
Delta R.T. -0.00 min
Lab File: BM006808.D
Acq: 01 Aug 2016 03:10

Instrument :
BNA_M
ClientSampled :
D9ZM1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	11.2	7.7	11.5

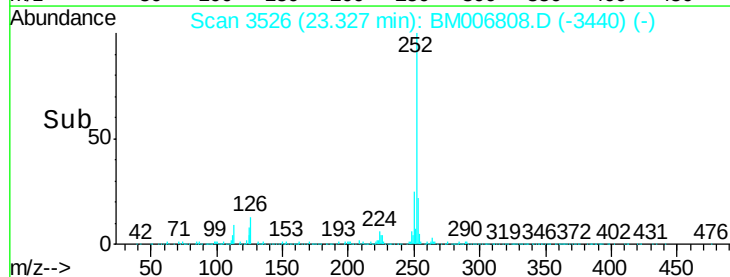
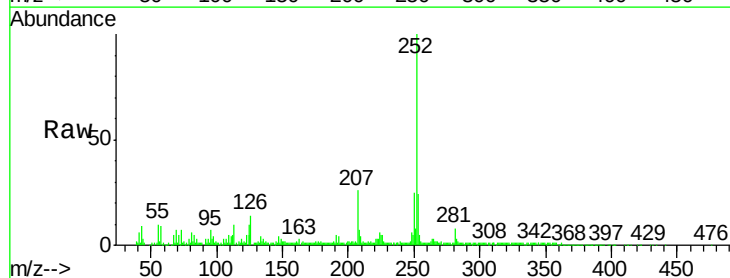
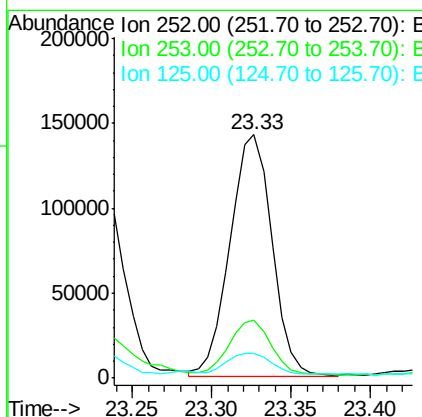
Manual Integrations
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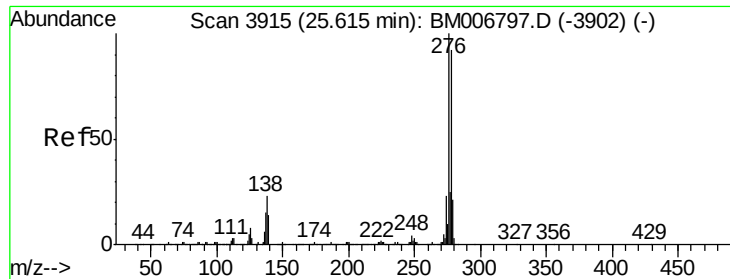
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#38
Benzo(a)pyrene
Concen: 2.84 ng/ul
RT: 23.33 min Scan# 3526
Delta R.T. 0.01 min
Lab File: BM006808.D
Acq: 01 Aug 2016 03:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	10.3	8.2	12.2





#39

Indeno(1,2,3-cd)pyrene

Concen: 1.92 ng/ul

RT: 25.62 min Scan# 3916

Delta R.T. -0.00 min

Lab File: BM006808.D

Acq: 01 Aug 2016 03:10

Instrument :

BNA_M

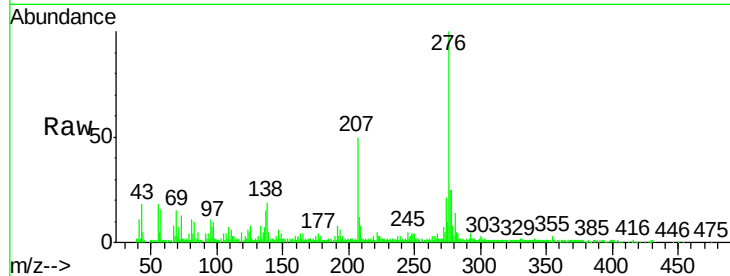
ClientSampled :

D9ZM1

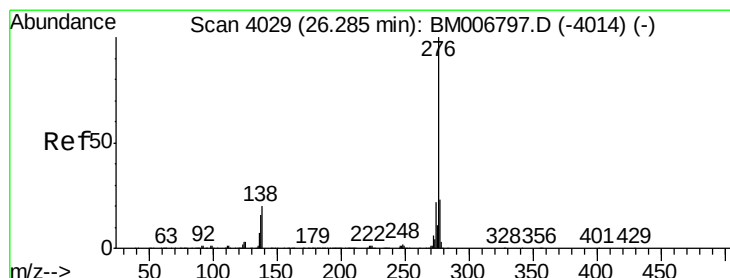
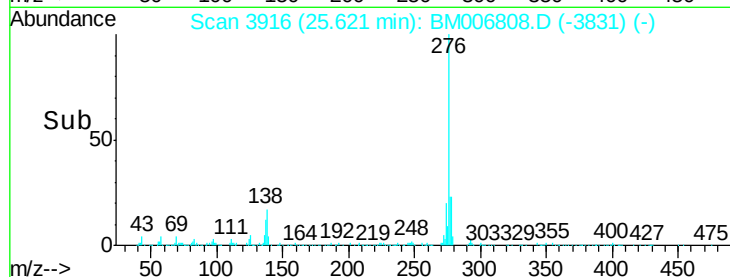
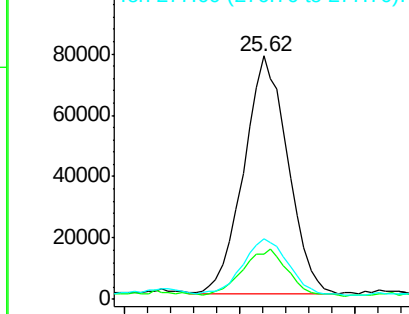
Tgt Ion:	276	Resp:	204575
Ion Ratio		Lower	Upper
276	100		
138	18.8	15.8	23.6
277	25.1	19.0	28.6

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#41

Benzo(g,h,i)perylene

Concen: 2.28 ng/ul

RT: 26.30 min Scan# 4031

Delta R.T. 0.01 min

Lab File: BM006808.D

Acq: 01 Aug 2016 03:10

Tgt Ion:	276	Resp:	208445
Ion Ratio		Lower	Upper
276	100		
138	20.4	13.9	20.9
277	23.9	19.8	29.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

