

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
 Data File : BM006620.D
 Acq On : 22 Jul 2016 11:43
 Operator : UM/SJ
 Sample : H4076-08 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9YP3

Manual Integrations

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 7/25/2016 6:39:53 PM

Quant Time: Jul 23 00:32:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 23 00:16:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	165143	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	707332	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	386365	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	860241	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	918329	20.00	ng/ul	0.00
34) Perylene-d12	23.42	264	947528	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.13	96	4944	1.21	ng/uL	0.00
3) Phenol-d5	6.80	99	208833	14.86	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	131523	15.11	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	165229	14.72	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	169653	15.57	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	79371	14.82	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	84662	14.87	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	155713	14.47	ng/ul	0.00
12) 4-Chloroaniline-d4	10.54	131	104589	8.83	ng/ul	0.00
16) Dimethylphthalate-d6	13.68	166	457827	15.11	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	603890	15.62	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	59695	11.35	ng/ul	0.00
21) Fluorene-d10	15.26	176	417742	15.42	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	39382	8.82	ng/ul	0.00
26) Anthracene-d10	17.12	188	634678	15.54	ng/ul	0.00
30) Pyrene-d10	19.42	212	703340	16.81	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.28	264	678139	15.56	ng/ul	0.00

Target Compounds

					Qvalue
25) Phenanthrene	17.06	178	184651	3.82 ng/ul	100
28) Fluoranthene	19.09	202	289220	5.09 ng/ul	98
31) Pyrene	19.44	202	240036	4.32 ng/ul	96
32) Benzo(a)anthracene	21.20	228	149140	2.68 ng/ul	95
33) Chrysene	21.25	228	163723	3.19 ng/ul	96
35) Benzo(b)fluoranthene	22.76	252	257419	4.53 ng/ul#	95
36) Benzo(k)fluoranthene	22.80	252	67972m	1.24 ng/ul	
38) Benzo(a)pyrene	23.32	252	149968	2.71 ng/ul#	94
39) Indeno(1,2,3-cd)pyrene	25.61	276	129308	2.02 ng/ul	96
41) Benzo(g,h,i)perylene	26.30	276	125054	2.28 ng/ul	97

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

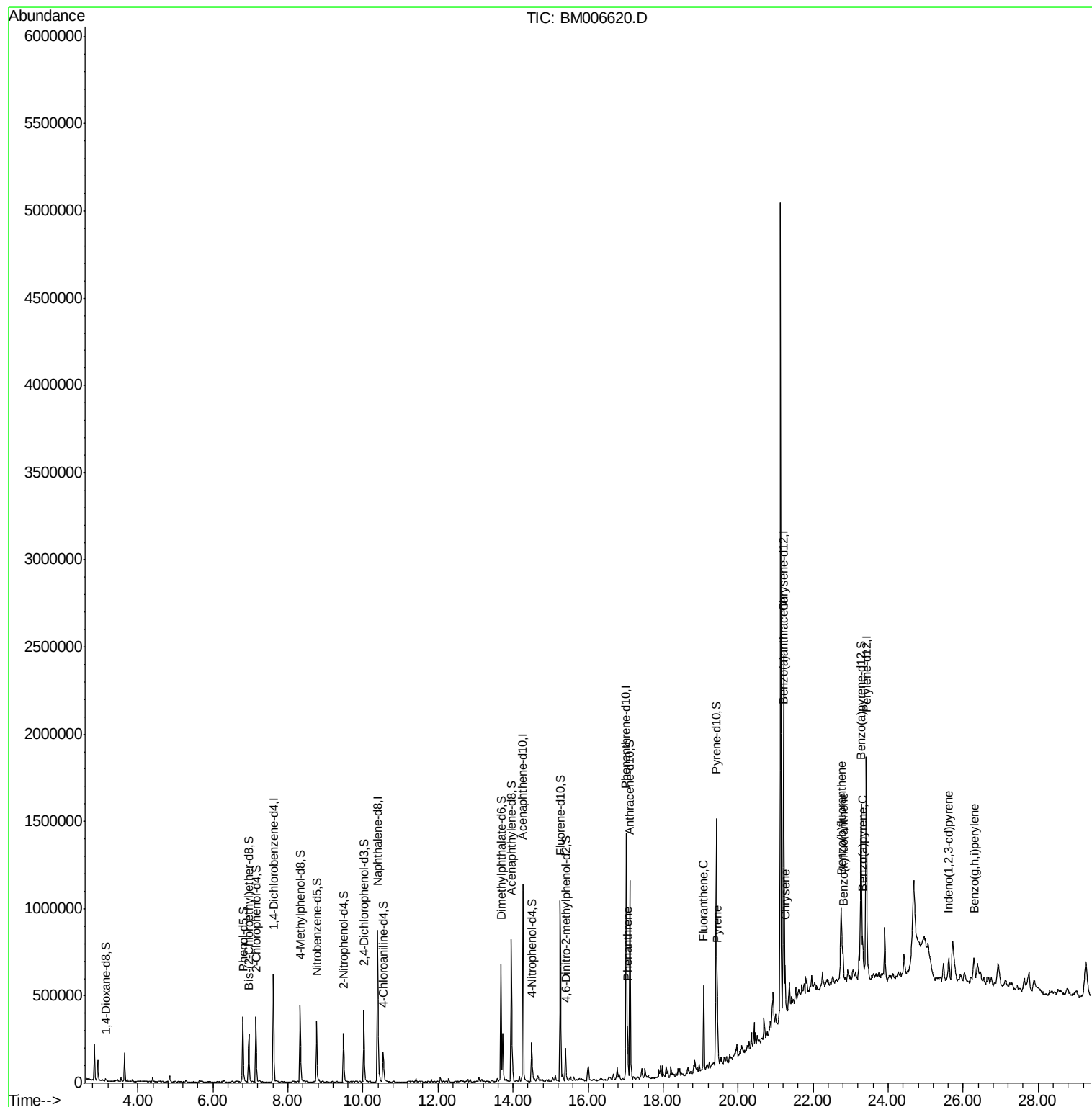
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006620.D
Acq On : 22 Jul 2016 11:43
Operator : UM/SJ
Sample : H4076-08 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

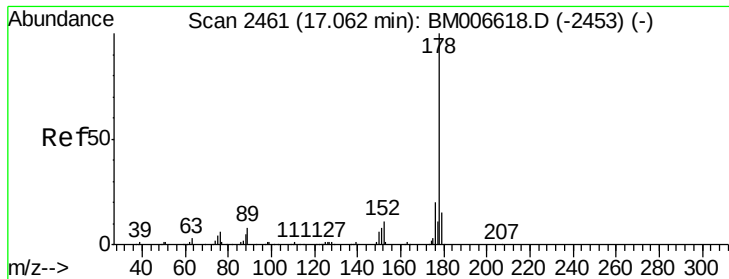
Instrument :
BNA_M
ClientSampleId :
D9YP3

Manual Integrations

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Quant Time: Jul 23 00:32:10 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration





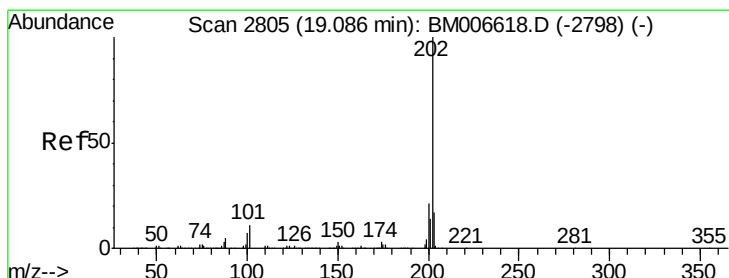
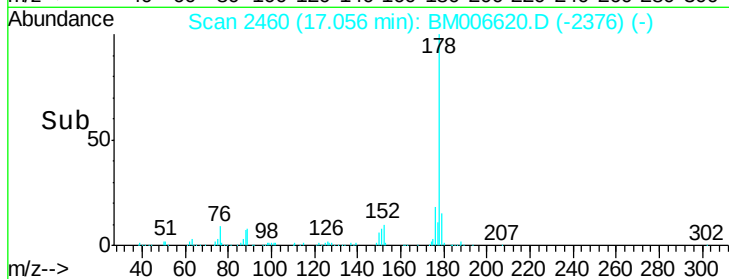
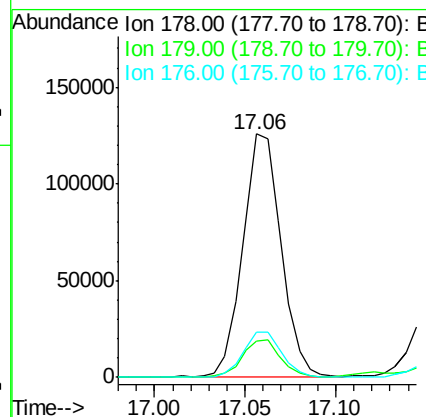
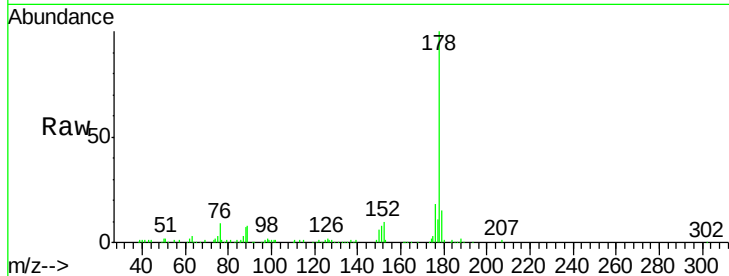
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Phenanthrene
Concen: 3.82 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BM006620.D
Acq: 22 Jul 2016 11:43

Instrument :
BNA_M
ClientSampleId :
D9YP3

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.8	17.8
176	18.3	14.8	22.2

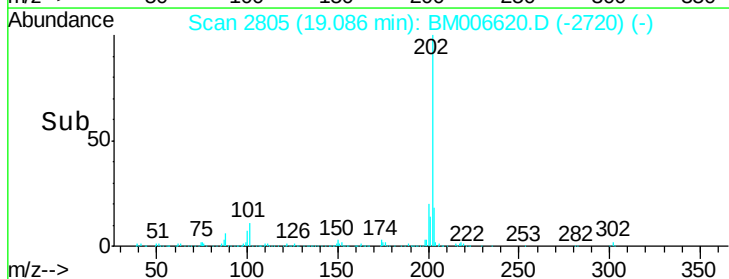
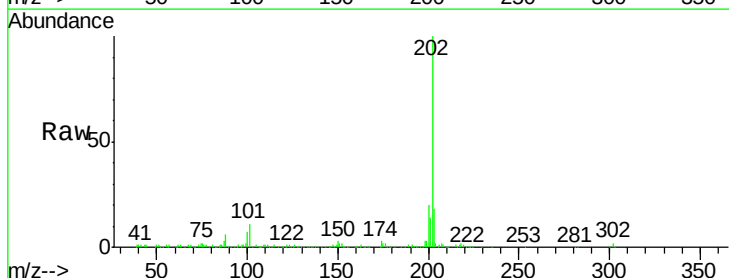
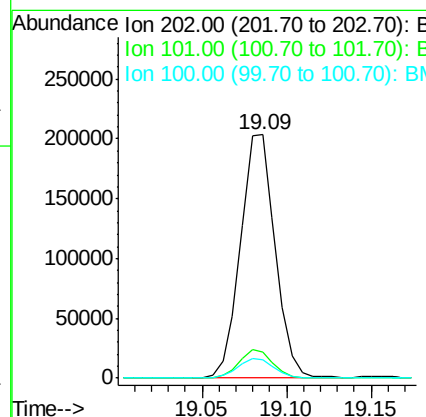
Manual Integrations

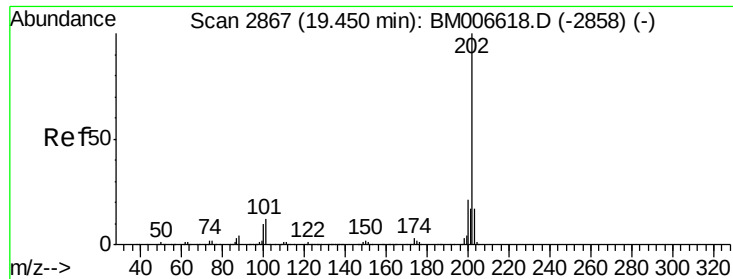
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#28
Fluoranthene
Concen: 5.09 ng/ul
RT: 19.09 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BM006620.D
Acq: 22 Jul 2016 11:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.9	13.3
100	7.4	7.0	10.4





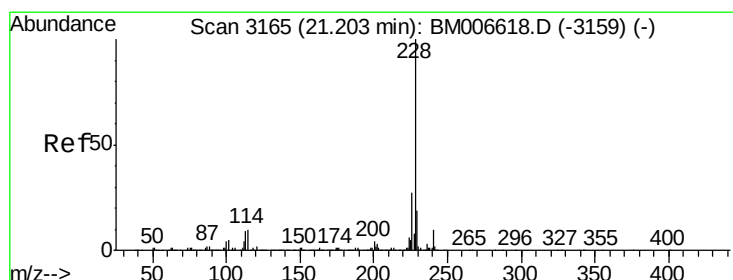
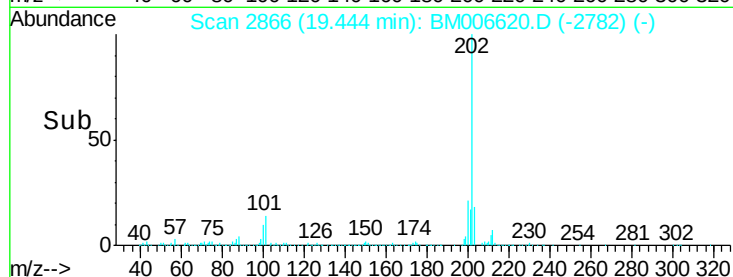
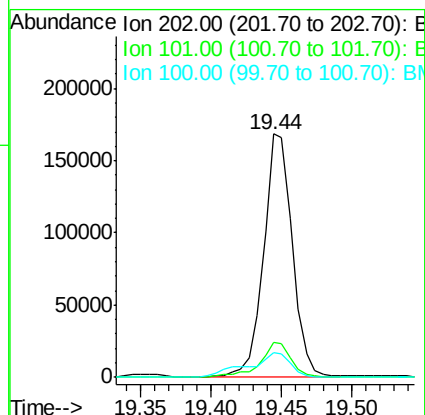
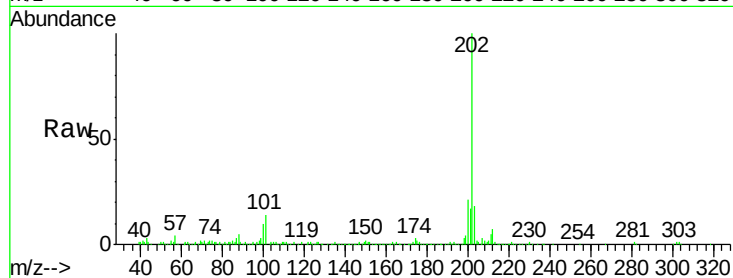
#31
 Pyrene
 Concen: 4.32 ng/ul
 RT: 19.44 min Scan# 2866
 Delta R.T. -0.01 min
 Lab File: BM006620.D
 Acq: 22 Jul 2016 11:43

Instrument :
 BNA_M
 ClientSampleId :
 D9YP3

Tgt Ion:	202	Resp:	240036
Ion Ratio	Lower	Upper	
202	100		
101	14.2	9.8	14.8
100	10.2	9.3	13.9

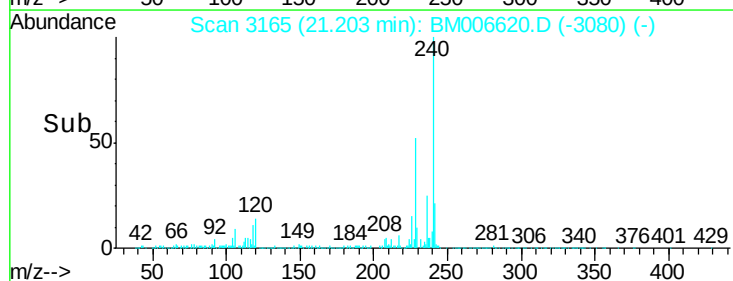
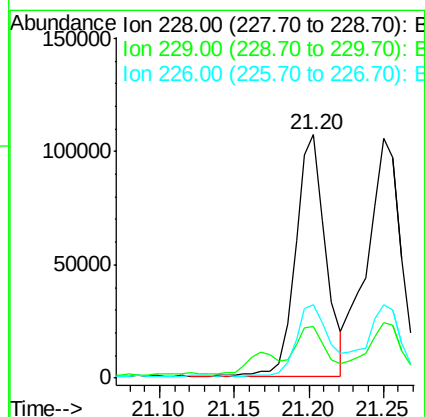
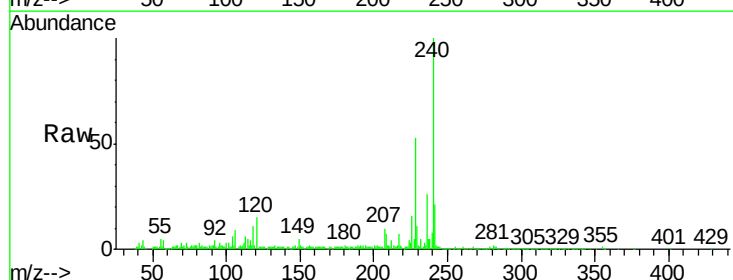
Manual Integrations

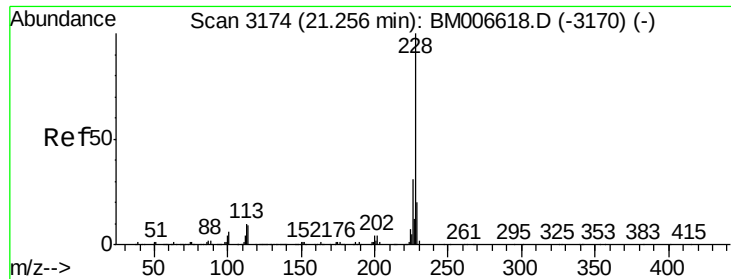
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#32
 Benzo(a)anthracene
 Concen: 2.68 ng/ul
 RT: 21.20 min Scan# 3165
 Delta R.T. -0.00 min
 Lab File: BM006620.D
 Acq: 22 Jul 2016 11:43

Tgt Ion:	228	Resp:	149140
Ion Ratio	Lower	Upper	
228	100		
229	21.3	16.6	25.0
226	30.0	21.0	31.4





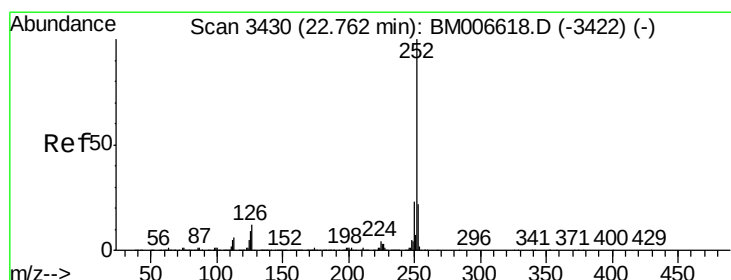
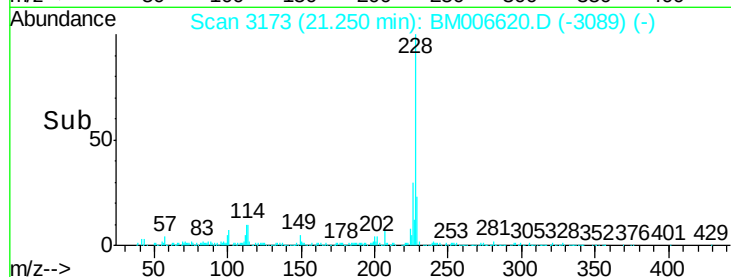
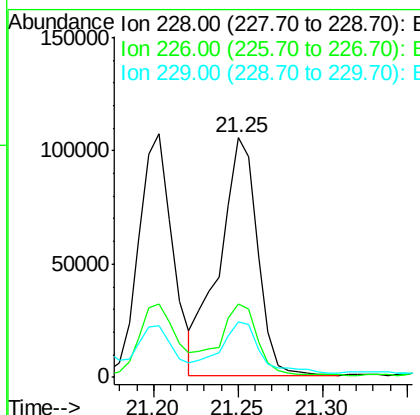
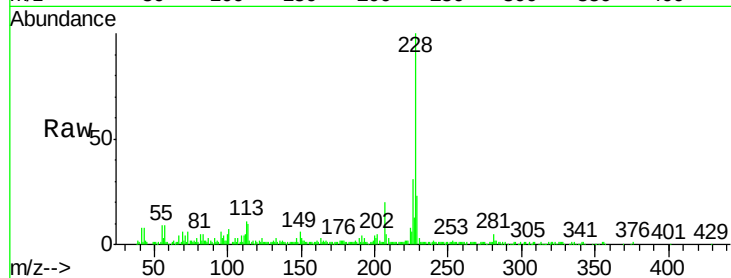
#33
Chrysene
Concen: 3.19 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BM006620.D
Acq: 22 Jul 2016 11:43

Instrument :
BNA_M
ClientSampled :
D9YP3

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	163723		
226	30.8		23.4	35.2
229	23.3		16.2	24.2

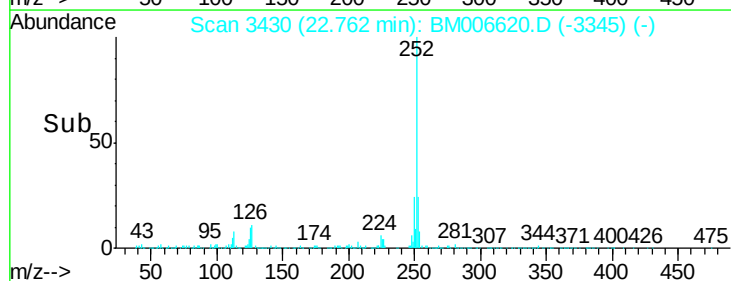
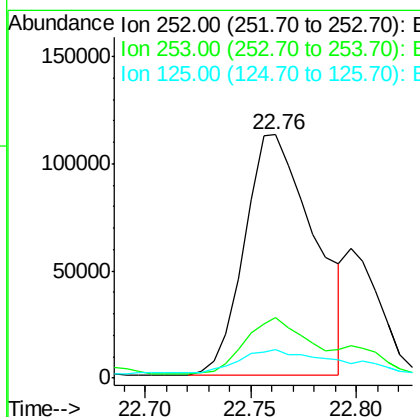
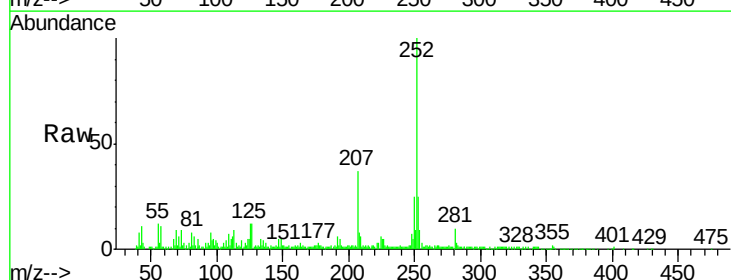
Manual Integrations

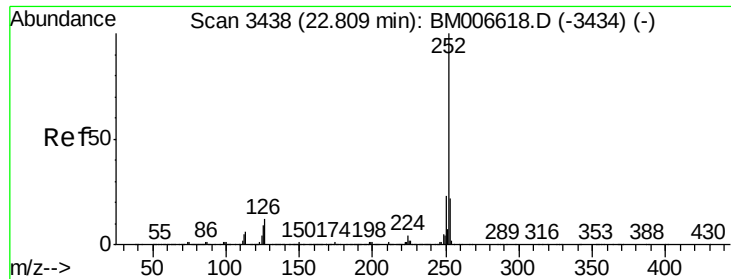
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#35
Benzo(b)fluoranthene
Concen: 4.53 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. -0.00 min
Lab File: BM006620.D
Acq: 22 Jul 2016 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	257419		
253	24.9		18.1	27.1
125	11.7		7.6	11.4#





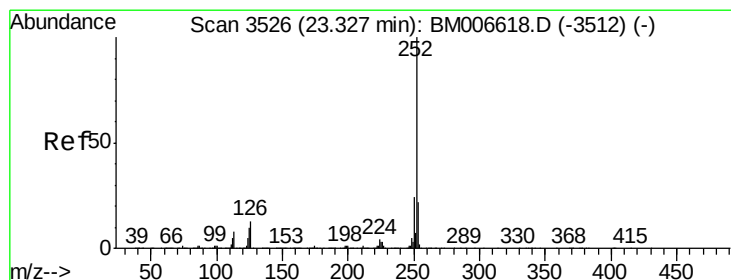
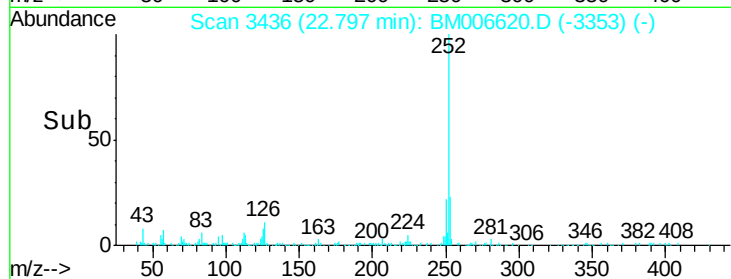
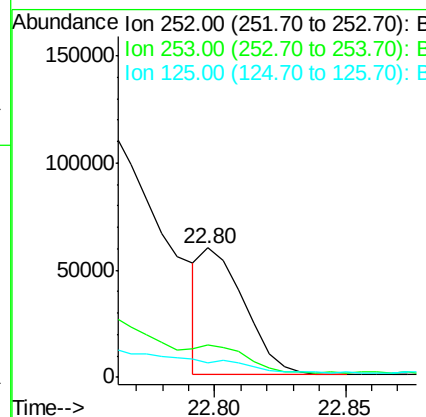
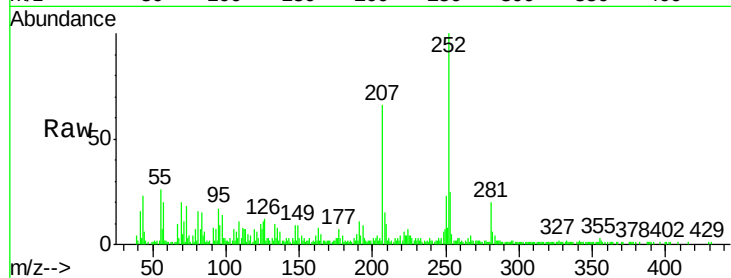
#36
Benzo(k)fluoranthene
Concen: 1.24 ng/ul m
RT: 22.80 min Scan# 3436
Delta R.T. -0.01 min
Lab File: BM006620.D
Acq: 22 Jul 2016 11:43

Instrument :
BNA_M
ClientSampleId :
D9YP3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	11.4	7.7	11.5

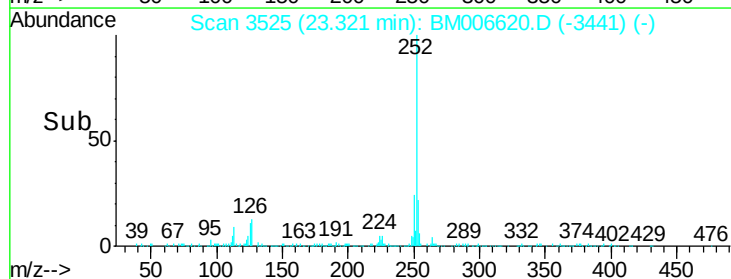
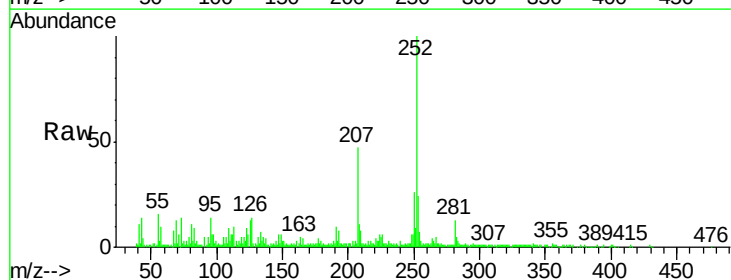
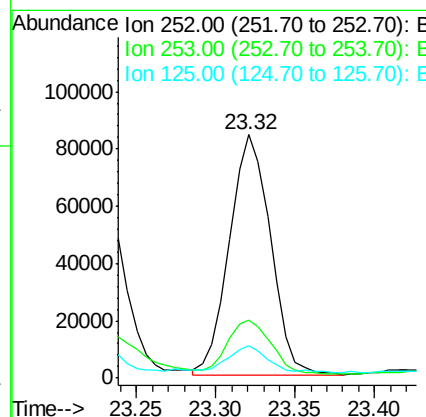
Manual Integrations

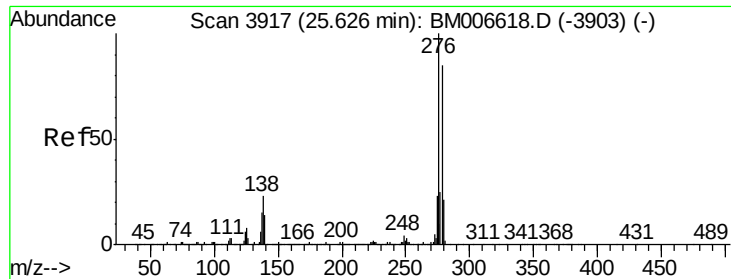
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#38
Benzo(a)pyrene
Concen: 2.71 ng/ul
RT: 23.32 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BM006620.D
Acq: 22 Jul 2016 11:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	13.4	8.2	12.2





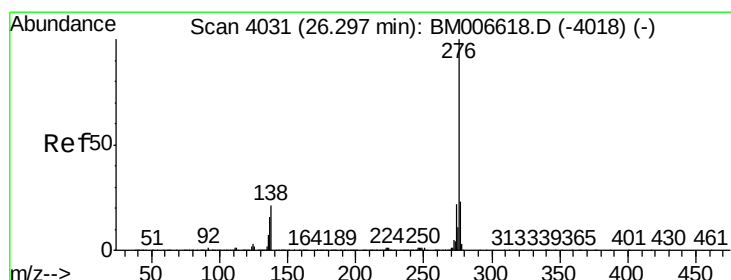
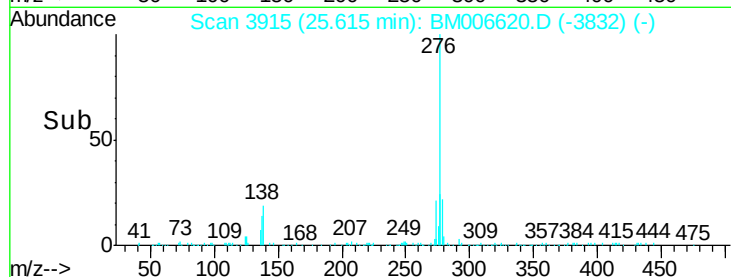
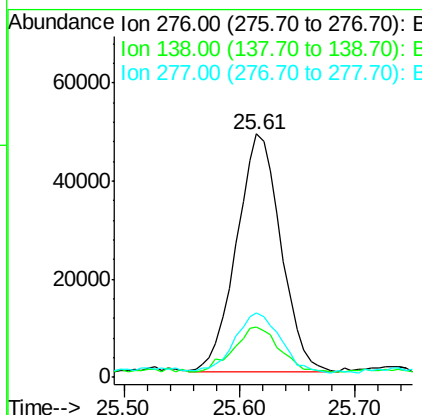
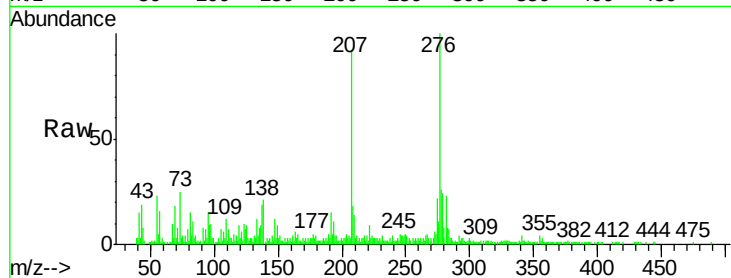
#39
Indeno(1,2,3-cd)pyrene
Concen: 2.02 ng/ul
RT: 25.61 min Scan# 3915
Delta R.T. -0.01 min
Lab File: BM006620.D
Acq: 22 Jul 2016 11:43

Instrument :
BNA_M
ClientSampleId :
D9YP3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	15.8	23.6
277	26.3	19.0	28.6

Manual Integrations

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#41
Benzo(g,h,i)perylene
Concen: 2.28 ng/ul
RT: 26.30 min Scan# 4031
Delta R.T. -0.00 min
Lab File: BM006620.D
Acq: 22 Jul 2016 11:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	13.9	20.9
277	24.1	19.8	29.6

