

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
 Data File : BM006508.D
 Acq On : 17 Jul 2016 09:57
 Operator : UM/SJ
 Sample : H3959-17
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJ34

Manual Integrations

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Quant Time: Jul 18 08:34:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 18 07:39:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	158774	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	678308	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	387775	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	906045	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	1038257	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	1093508	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	9725	2.58	ng/uL	0.00
5) Phenol-d5	6.79	99	425681	32.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	277839	35.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	346309	32.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	345715	33.44	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	169947	33.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	188159	32.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	332072	30.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	463505	40.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	1069527	33.70	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1335574	34.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	137792	24.99	ng/ul	0.00
57) Fluorene-d10	15.26	176	949737	33.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	105452	20.12	ng/ul	0.00
70) Anthracene-d10	17.12	188	1469862	34.32	ng/ul	0.00
76) Pyrene-d10	19.42	212	1671541	35.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1765628	35.31	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.82	94	19269	1.40	ng/ul#	82
44) Dimethylphthalate	13.73	163	509989	15.84	ng/ul	99
69) Phenanthrene	17.06	178	49900	1.00	ng/ul	98
74) Fluoranthene	19.08	202	232617	4.02	ng/ul	99
77) Pyrene	19.44	202	219251	3.54	ng/ul	100
80) Benzo(a)anthracene	21.20	228	168209	2.65	ng/ul	97
82) Chrysene	21.25	228	189453	3.18	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	266964	4.08	ng/ul#	98
86) Benzo(k)fluoranthene	22.79	252	97612m	1.59	ng/ul	
88) Benzo(a)pyrene	23.31	252	201561	3.22	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.60	276	133242	1.83	ng/ul	93
91) Benzo(g,h,i)perylene	26.27	276	121554	1.89	ng/ul	96

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

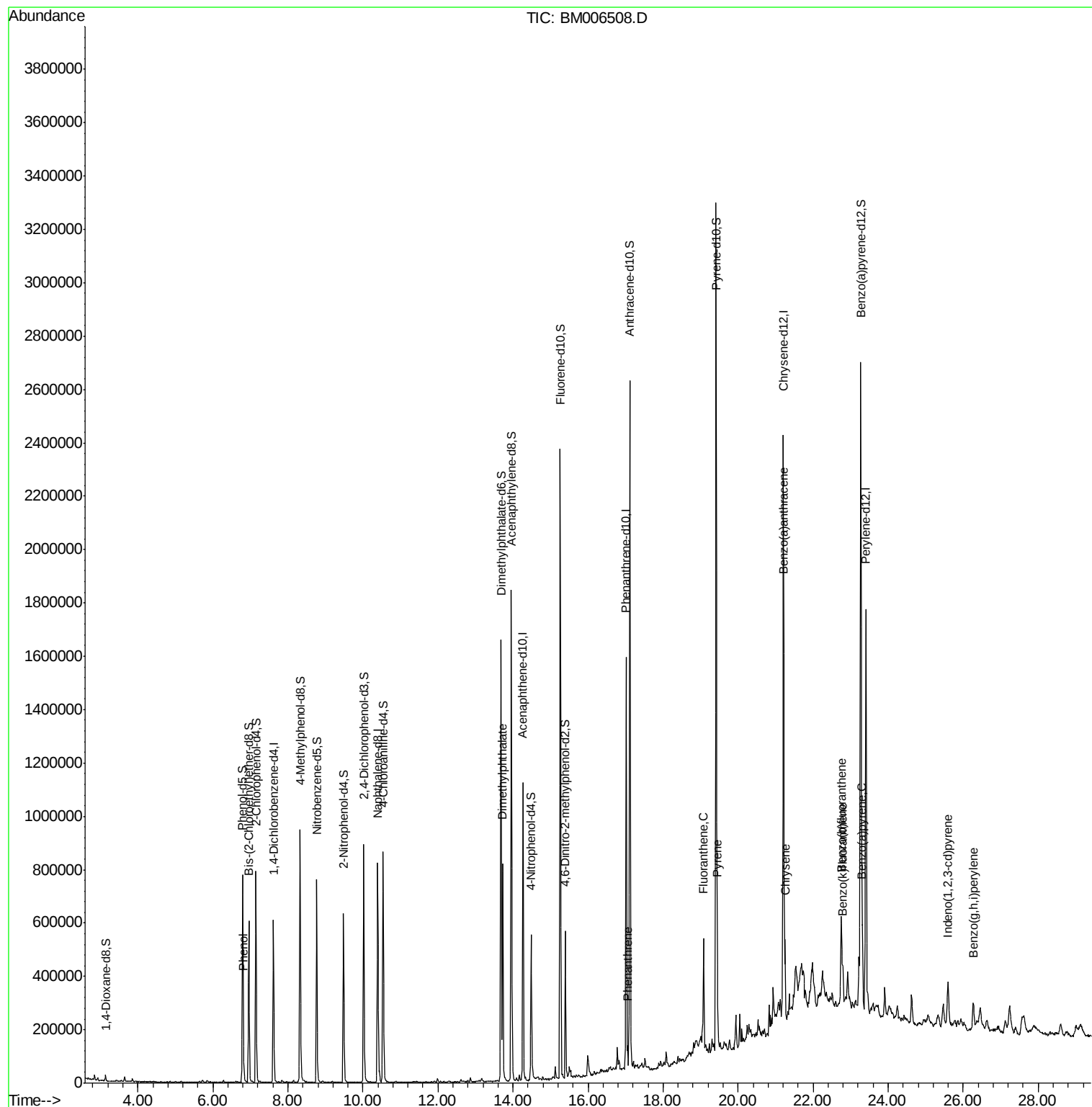
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006508.D
Acq On : 17 Jul 2016 09:57
Operator : UM/SJ
Sample : H3959-17
Misc :
ALS Vial : 36 Sample Multiplier: 1

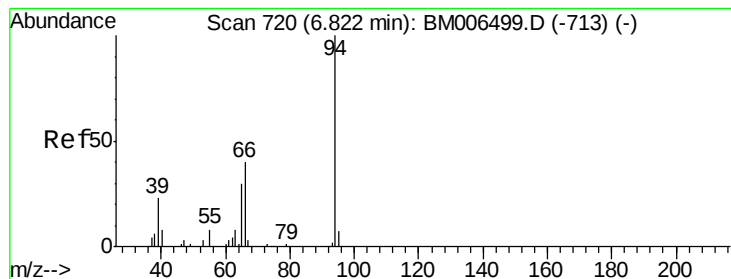
Instrument :
BNA_M
ClientSampleId :
BDJ34

Manual Integrations

Quant Time: Jul 18 08:34:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 18 07:39:41 2016
Response via : Initial Calibration

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#6

Phenol

Concen: 1.40 ng/ul

RT: 6.82 min Scan# 719

Delta R.T. -0.01 min

Lab File: BM006508.D

Acq: 17 Jul 2016 09:57

Instrument :

BNA_M

ClientSampleId :

BDJ34

Tgt Ion: 94 Resp: 19269

Ion Ratio Lower Upper

94 100

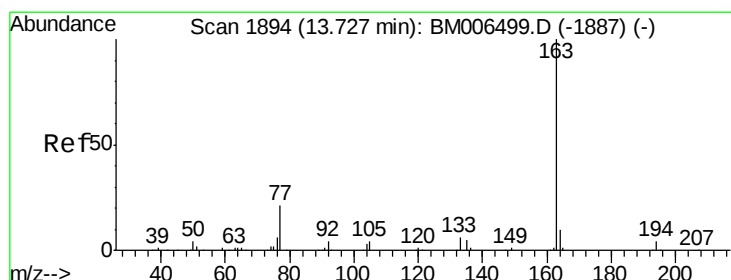
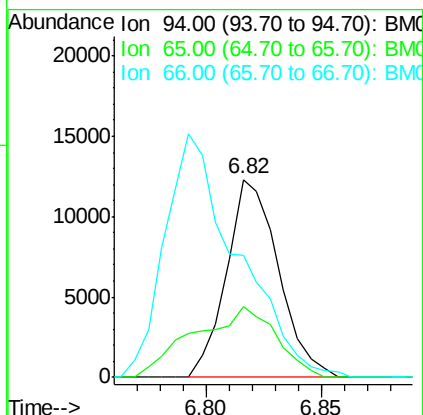
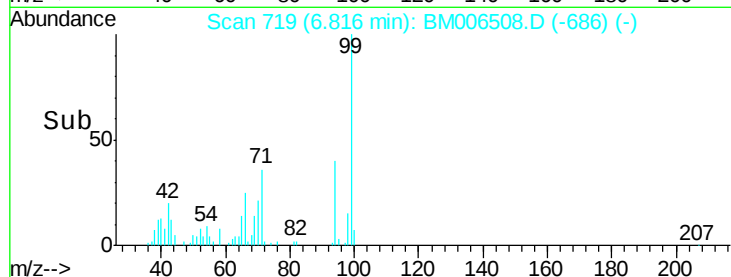
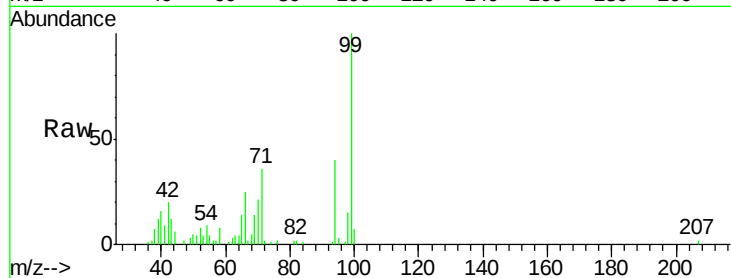
65 35.8 25.8 38.8

66 61.4 35.7 53.5#

Manual Integrations

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#44

Dimethylphthalate

Concen: 15.84 ng/ul

RT: 13.73 min Scan# 1894

Delta R.T. -0.00 min

Lab File: BM006508.D

Acq: 17 Jul 2016 09:57

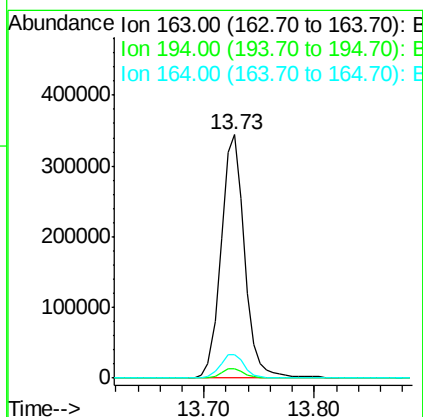
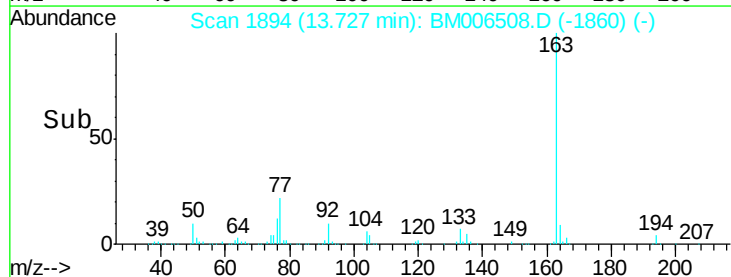
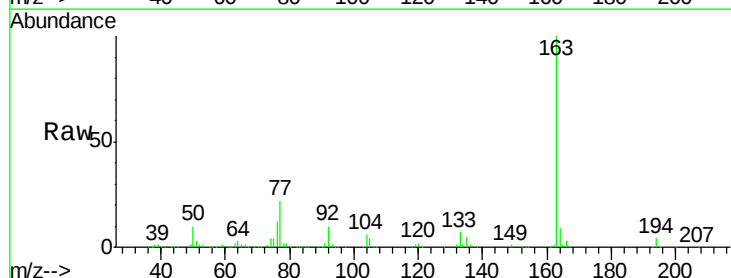
Tgt Ion:163 Resp: 509989

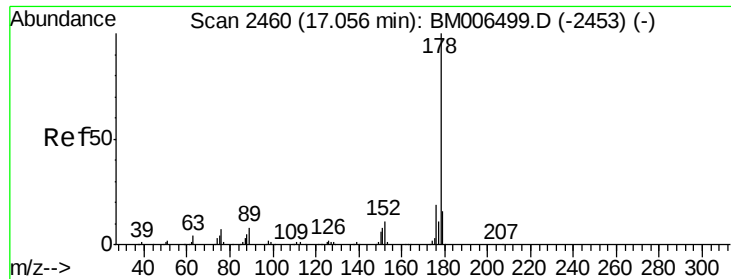
Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

164 9.5 7.8 11.8





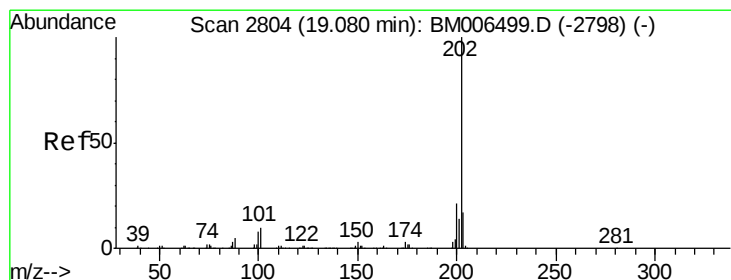
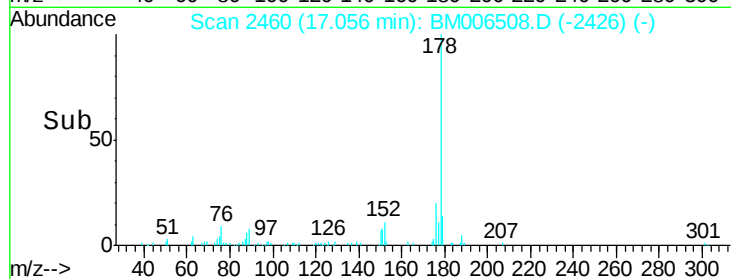
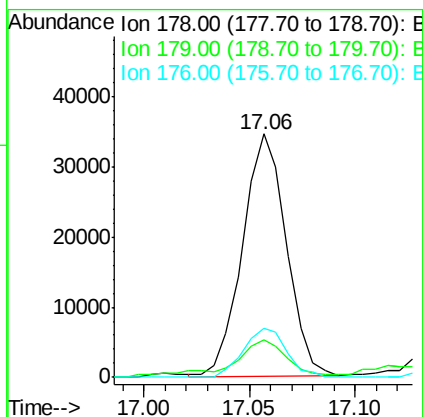
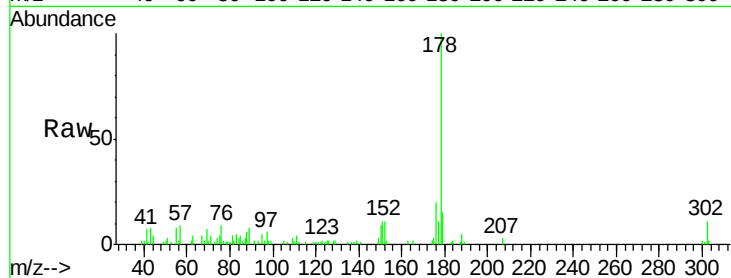
#69
Phenanthrene
Concen: 1.00 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. -0.00 min
Lab File: BM006508.D
Acq: 17 Jul 2016 09:57

Instrument :
BNA_M
ClientSampleId :
BDJ34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.9	17.9
176	20.3	15.2	22.8

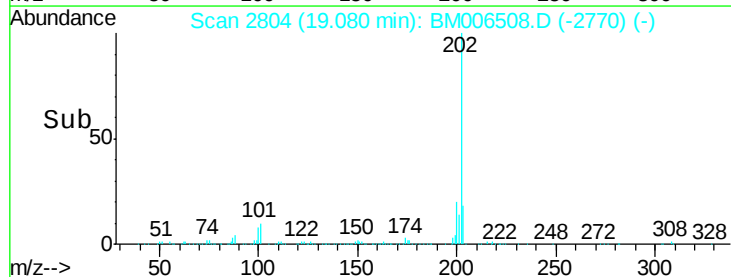
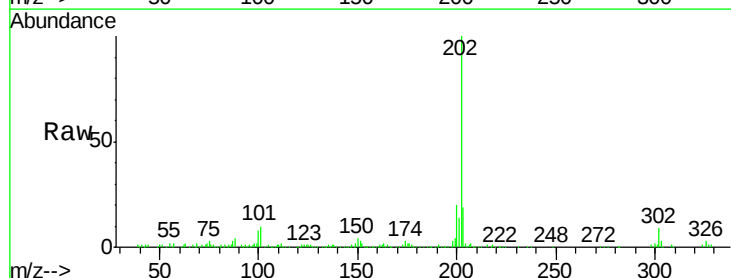
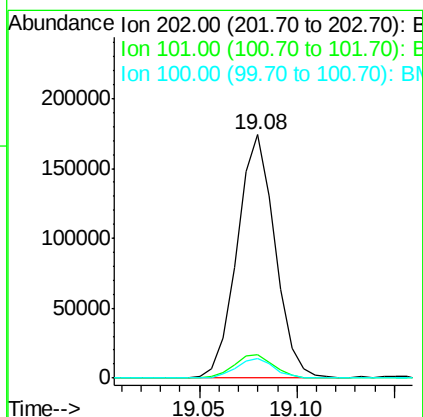
Manual Integrations

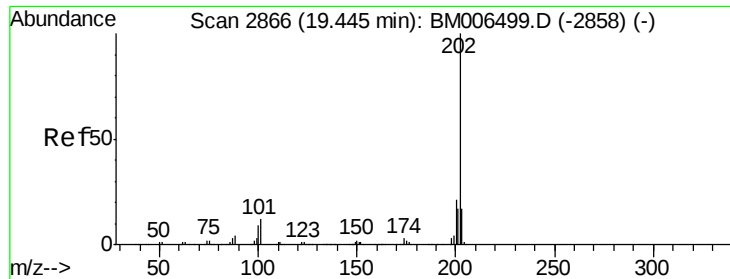
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#74
Fluoranthene
Concen: 4.02 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. -0.00 min
Lab File: BM006508.D
Acq: 17 Jul 2016 09:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.6	12.8
100	7.8	6.4	9.6





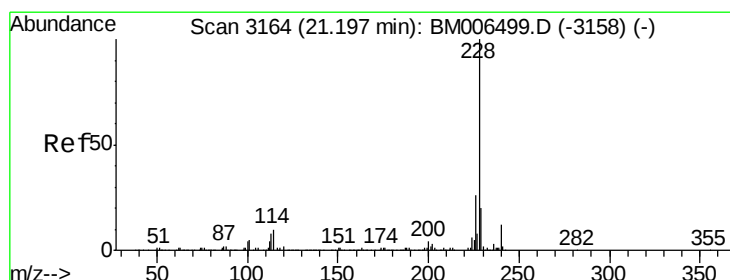
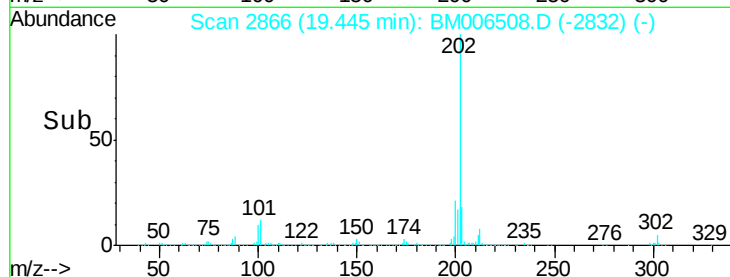
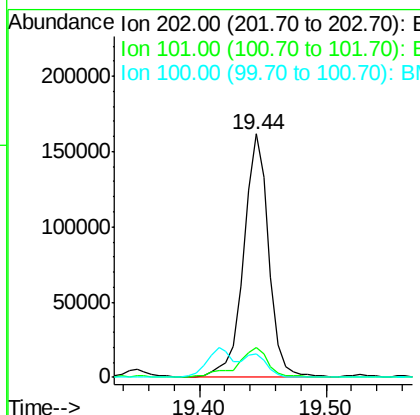
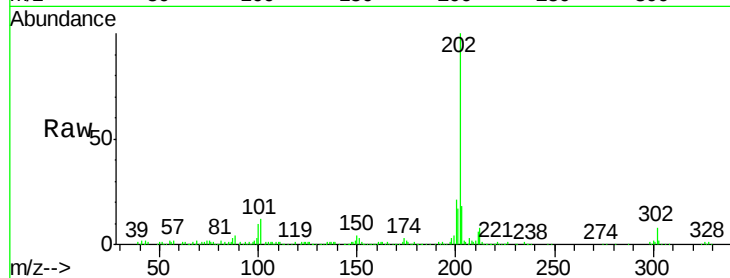
#77
 Pyrene
 Concen: 3.54 ng/ul
 RT: 19.44 min Scan# 2866
 Delta R.T. -0.00 min
 Lab File: BM006508.D
 Acq: 17 Jul 2016 09:57

Instrument :
 BNA_M
 ClientSampleId :
 BDJ34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	219251		
101	12.4	10.0	15.0	
100	9.8	7.9	11.9	

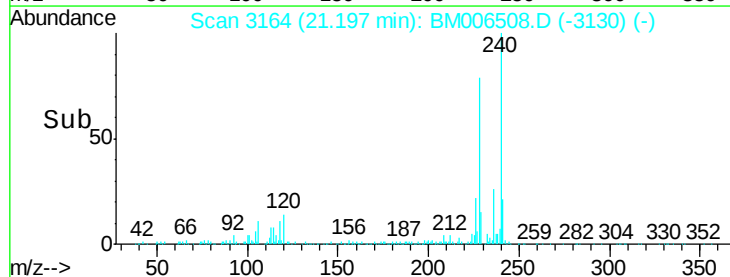
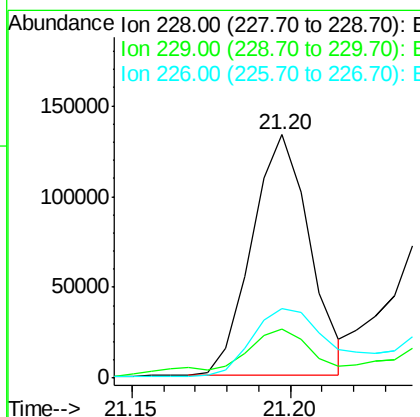
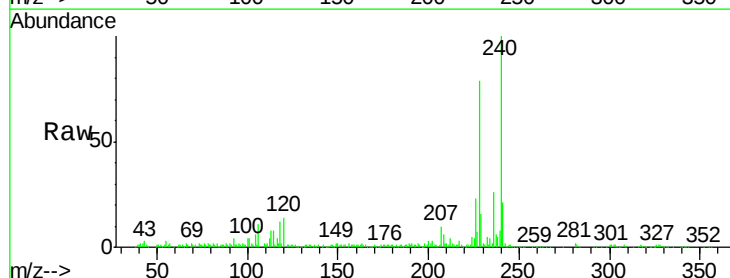
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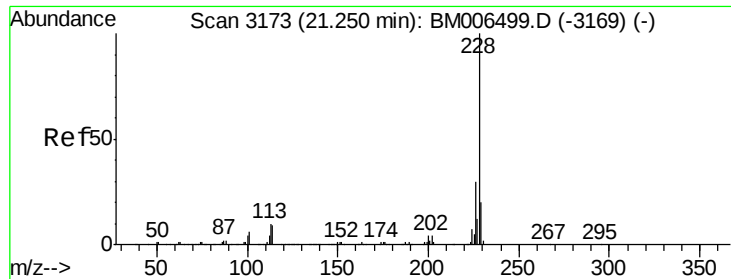
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#80
 Benzo(a)anthracene
 Concen: 2.65 ng/ul
 RT: 21.20 min Scan# 3164
 Delta R.T. -0.00 min
 Lab File: BM006508.D
 Acq: 17 Jul 2016 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	168209		
229	19.9	15.6	23.4	
226	28.8	21.4	32.2	





#82

Chrysene

Concen: 3.18 ng/ul

RT: 21.25 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BM006508.D

Acq: 17 Jul 2016 09:57

Instrument :

BNA_M

ClientSampleId :

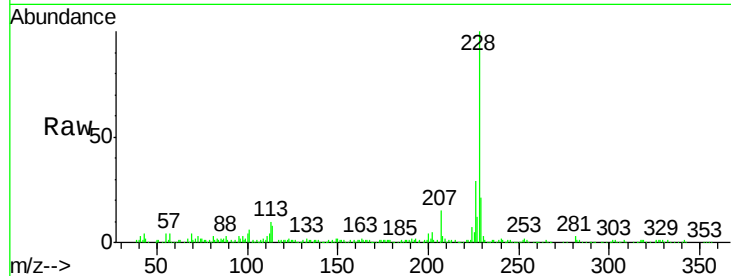
BDJ34

Tgt Ion:	228	Resp:	189453
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.3	34.9
229	21.5	15.8	23.8

Manual Integrations

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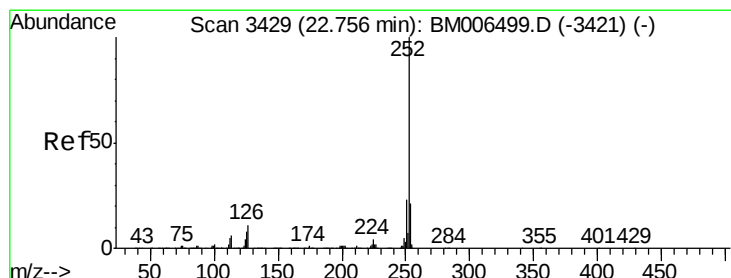
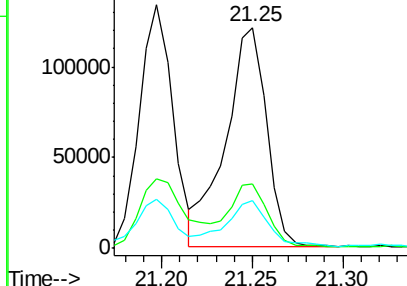
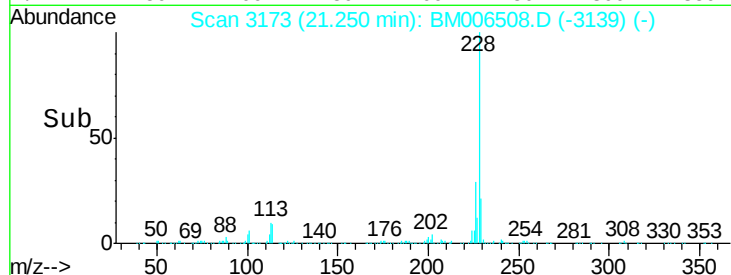
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 4.08 ng/ul

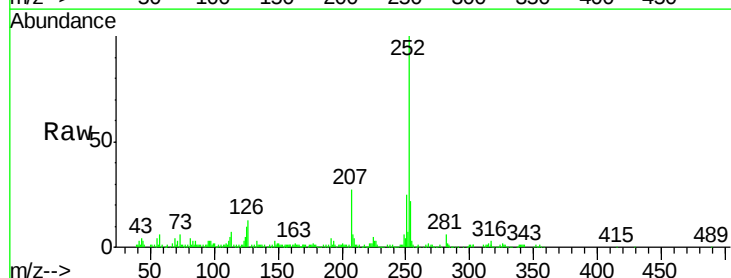
RT: 22.76 min Scan# 3429

Delta R.T. -0.00 min

Lab File: BM006508.D

Acq: 17 Jul 2016 09:57

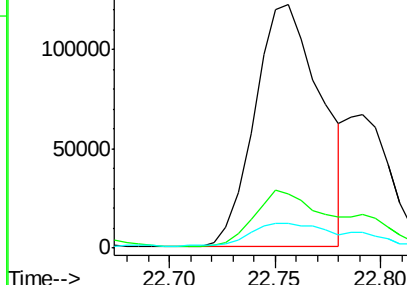
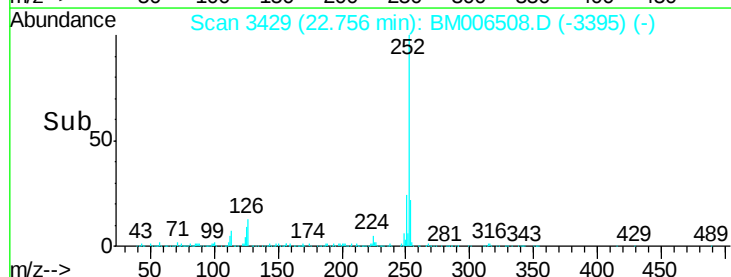
Tgt Ion:	252	Resp:	266964
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	10.2	6.7	10.1#

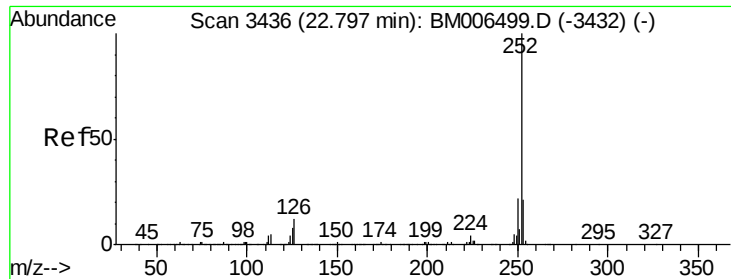


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





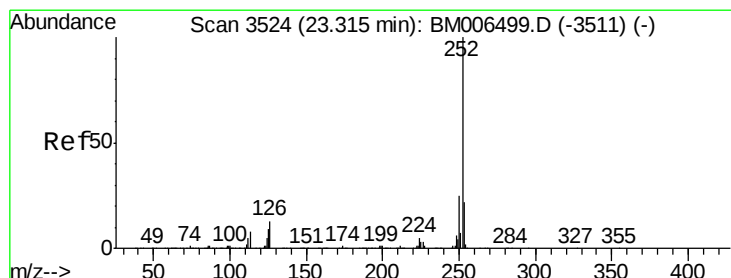
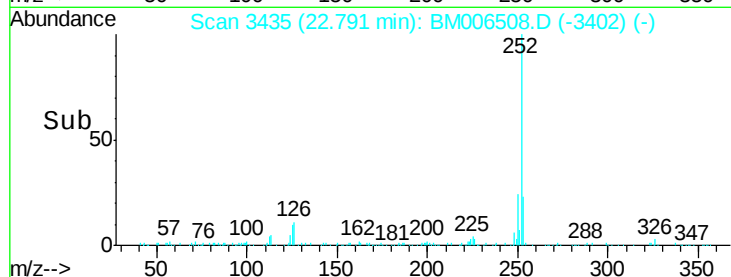
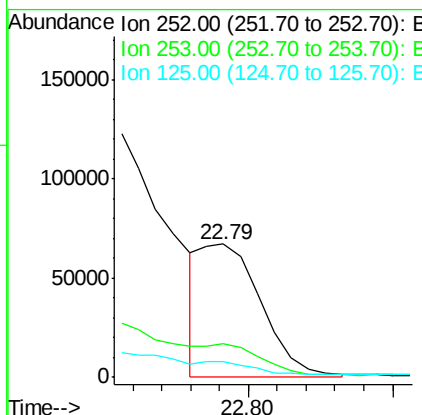
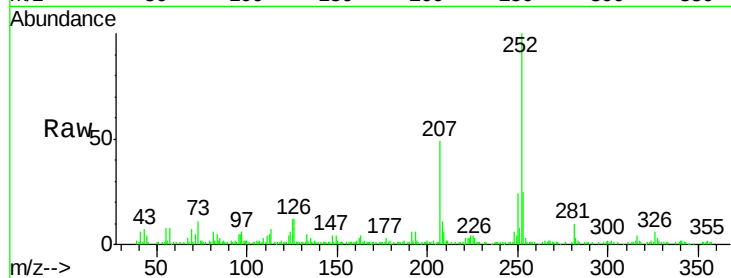
#86
Benzo(k)fluoranthene
Concen: 1.59 ng/ul m
RT: 22.79 min Scan# 3435
Delta R.T. -0.01 min
Lab File: BM006508.D
Acq: 17 Jul 2016 09:57

Instrument :
BNA_M
ClientSampleId :
BDJ34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	12.0	7.0	10.4

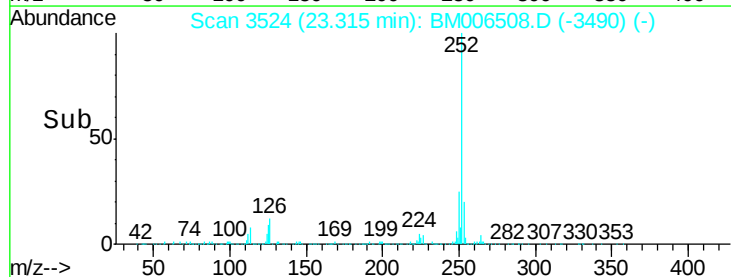
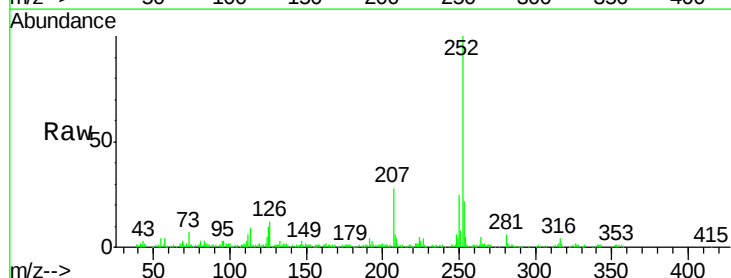
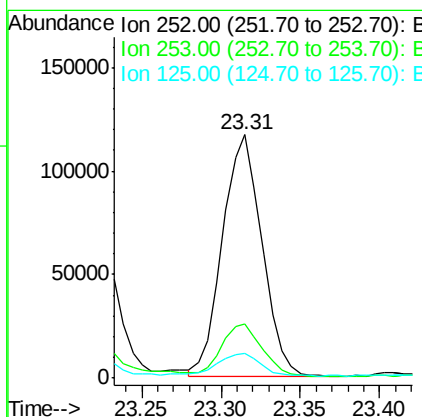
Manual Integrations

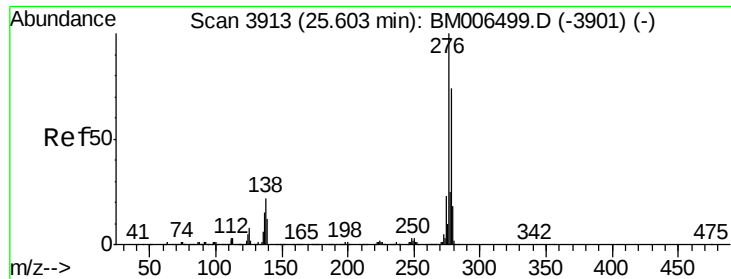
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#88
Benzo(a)pyrene
Concen: 3.22 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. -0.00 min
Lab File: BM006508.D
Acq: 17 Jul 2016 09:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	10.1	7.6	11.4





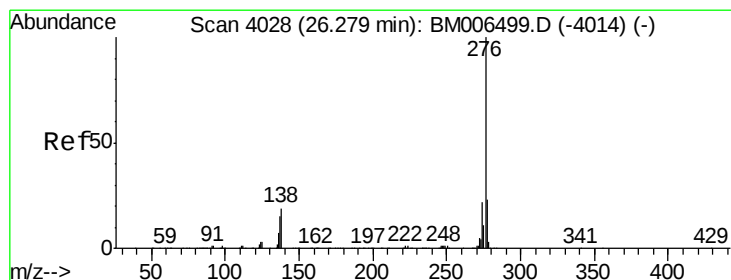
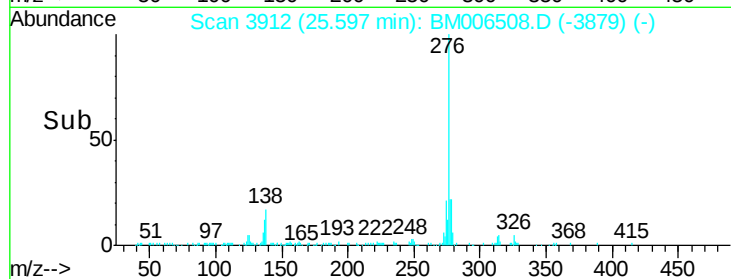
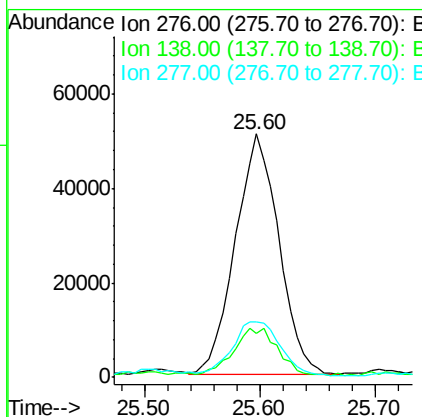
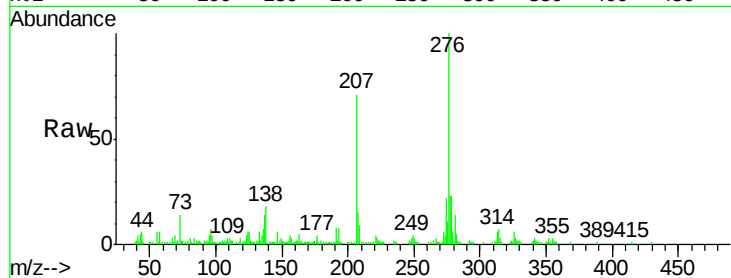
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.83 ng/ul
 RT: 25.60 min Scan# 3912
 Delta R.T. -0.01 min
 Lab File: BM006508.D
 Acq: 17 Jul 2016 09:57

Instrument :
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 ClientSampleId :
 BDJ34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	17.8	26.6
277	22.8	20.1	30.1

Manual Integrations

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#91
 Benzo(g,h,i)perylene
 Concen: 1.89 ng/ul
 RT: 26.27 min Scan# 4027
 Delta R.T. -0.01 min
 Lab File: BM006508.D
 Acq: 17 Jul 2016 09:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	15.0	22.4
277	21.5	19.0	28.4

