

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110916\
 Data File : BM007797.D
 Acq On : 09 Nov 2016 15:09
 Operator : UM/SJ
 Sample : H5554-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N83

Manual Integrations
 APPROVED

umangi
 11/10/2016 8:42:31 AM

Quant Time: Nov 09 17:59:53 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 09 16:26:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	201364	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	761563	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	475982	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	925015	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1126813	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1167363	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	13865	2.95	ng/uL	0.00
5) Phenol-d5	6.92	99	245698	15.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	152765	16.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	199812	16.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	185425	15.25	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	96685	17.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	102244	17.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	185976	16.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	193516	14.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	590428	18.22	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	681494	17.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	65855	12.85	ng/ul	0.00
57) Fluorene-d10	15.37	176	512940	18.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	72047	13.11	ng/ul	0.00
70) Anthracene-d10	17.22	188	813054	19.50	ng/ul	0.00
76) Pyrene-d10	19.52	212	965750	20.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	1015557	19.93	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	6.95	94	134424	8.43	ng/ul	99
16) 4-Methylphenol	8.51	108	38423	3.07	ng/ul	89
21) Isophorone	9.46	82	142475	5.91	ng/ul	99
24) 2,4-Dimethylphenol	9.71	107	22679	1.64	ng/ul	95
44) Dimethylphthalate	13.84	163	75133	2.39	ng/ul	98
69) Phenanthrene	17.17	178	276369	5.62	ng/ul	99
74) Fluoranthene	19.19	202	344450	5.99	ng/ul	99
77) Pyrene	19.55	202	302942	5.20	ng/ul	98
80) Benzo(a)anthracene	21.30	228	138746	2.30	ng/ul	98
82) Chrysene	21.34	228	155539	2.69	ng/ul	99
85) Benzo(b)fluoranthene	22.89	252	218520	3.28	ng/ul#	94
86) Benzo(k)fluoranthene	22.93	252	67661m	1.10	ng/ul	
88) Benzo(a)pyrene	23.46	252	142867	2.27	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.83	276	100335	1.33	ng/ul	98
91) Benzo(g,h,i)perylene	26.53	276	88908	1.41	ng/ul	97

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

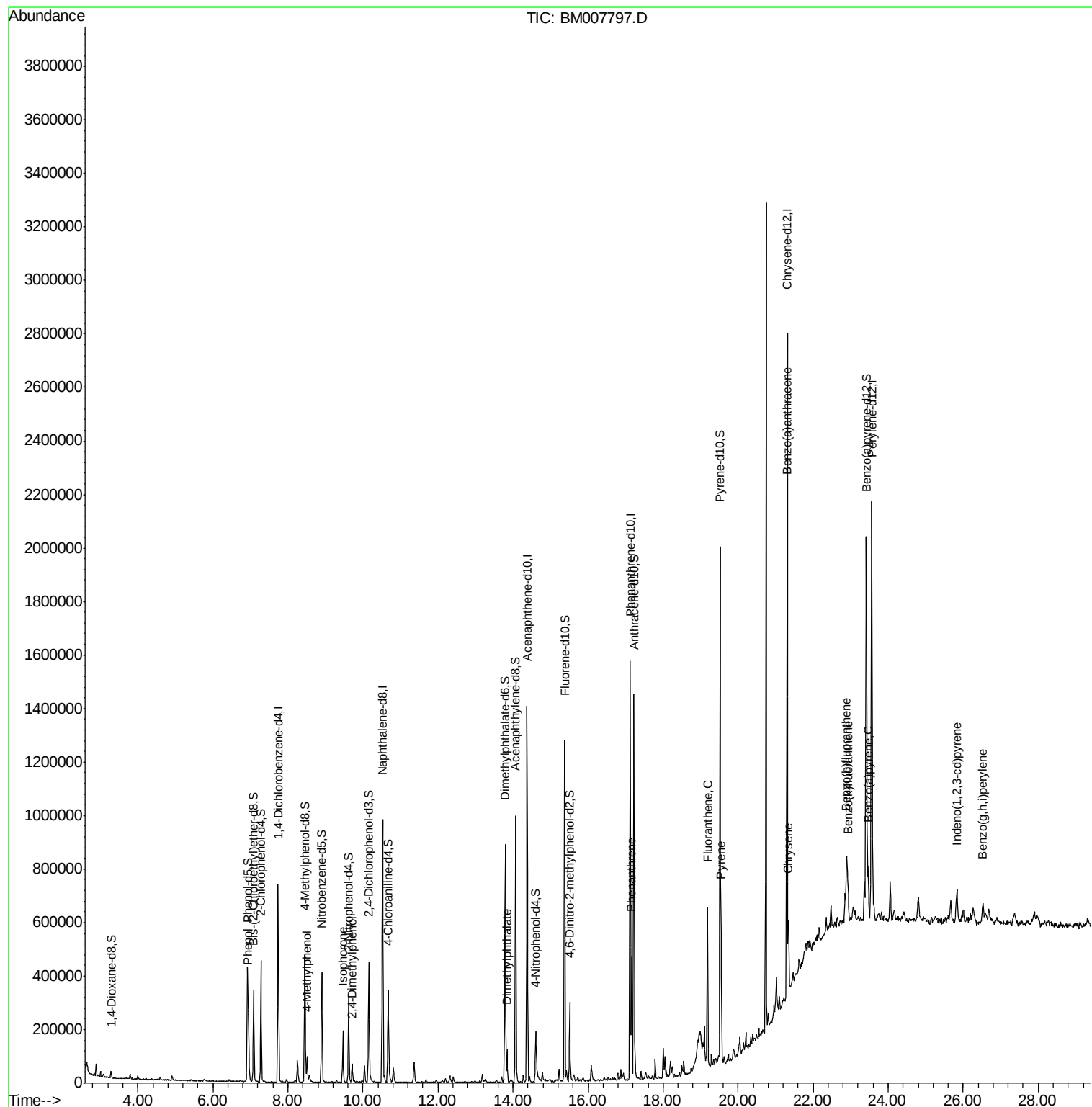
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110916\
Data File : BM007797.D
Acq On : 09 Nov 2016 15:09
Operator : UM/SJ
Sample : H5554-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

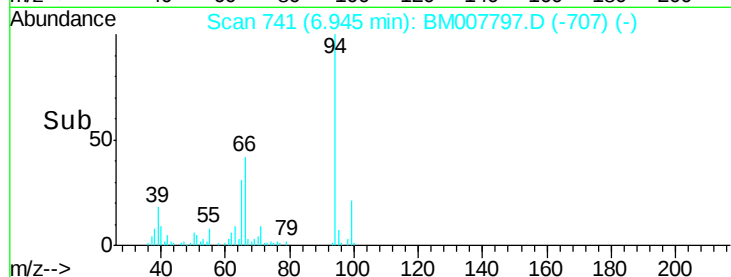
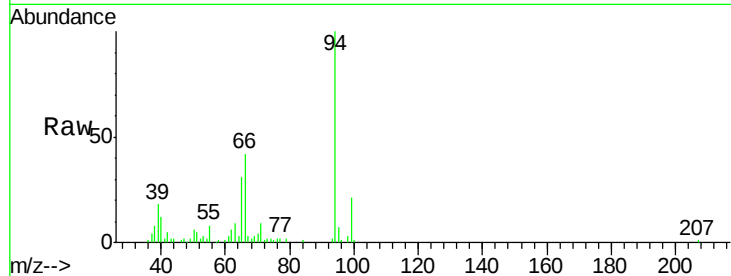
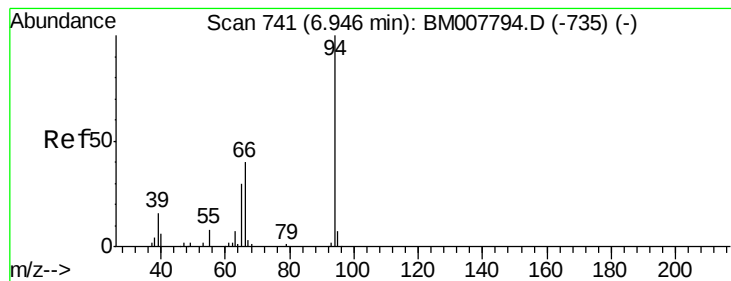
Instrument :
BNA_M
ClientSampled :
E5N83

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Quant Time: Nov 09 17:59:53 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 09 16:26:14 2016
Response via : Initial Calibration





#6

Phenol

Concen: 8.43 ng/ul

RT: 6.95 min Scan# 741

Delta R.T. -0.00 min

Lab File: BM007797.D

Acq: 09 Nov 2016 15:09

Tot Ion:	94	Resp:	134424
Ion	Ratio	Lower	Upper
94	100		
65	30.7	23.9	35.9
66	41.9	33.5	50.3

Instrument :

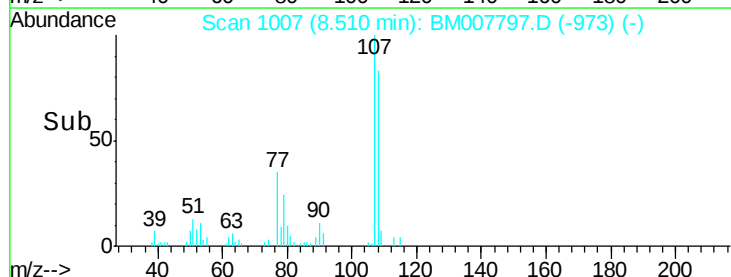
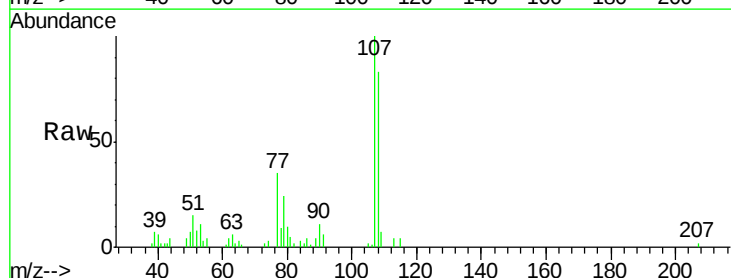
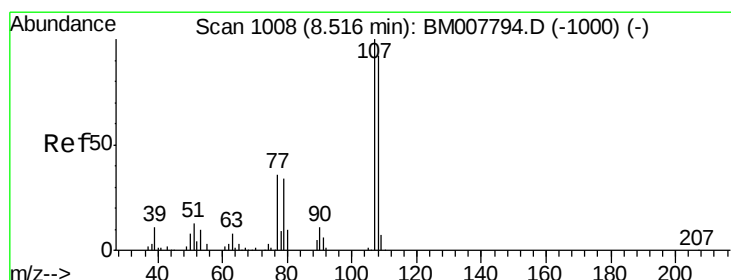
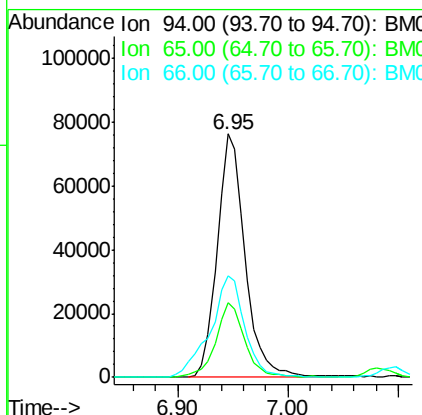
BNA_M

ClientSampleId :

E5N83

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#16

4-Methylphenol

Concen: 3.07 ng/ul

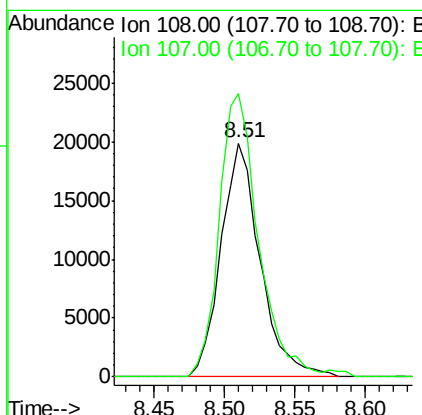
RT: 8.51 min Scan# 1007

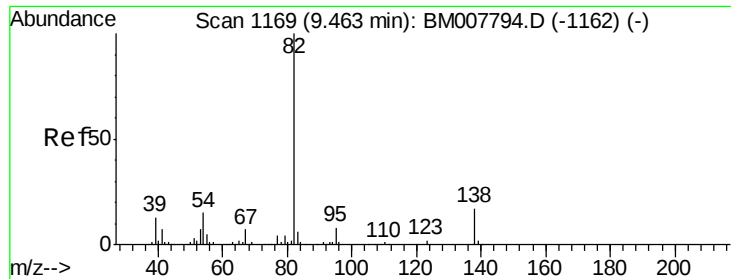
Delta R.T. -0.00 min

Lab File: BM007797.D

Acq: 09 Nov 2016 15:09

Tgt Ion:	108	Resp:	38423
Ion	Ratio	Lower	Upper
108	100		
107	121.0	87.8	131.8





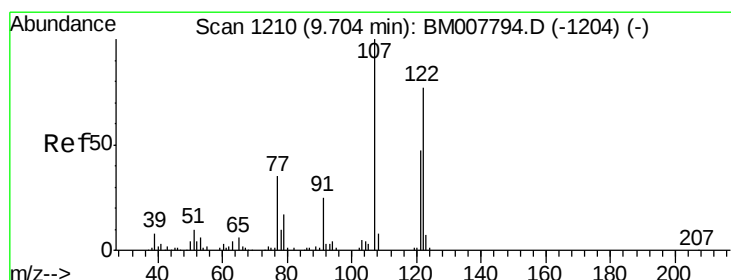
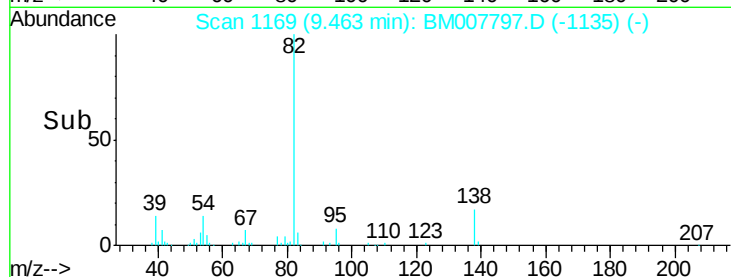
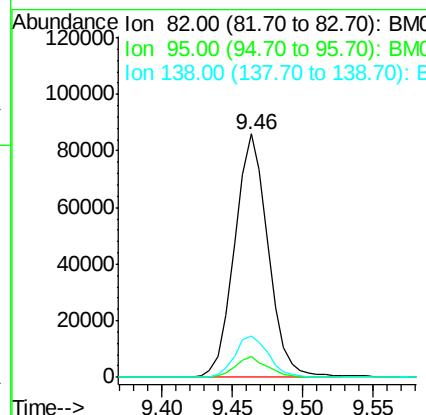
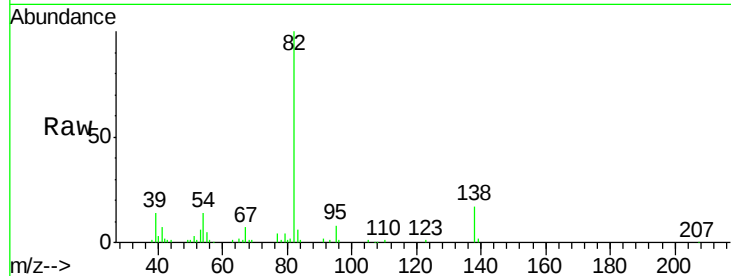
#21
Isophorone
Concen: 5.91 ng/ul
RT: 9.46 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BM007797.D
Acq: 09 Nov 2016 15:09

Instrument :
BNA_M
ClientSampleId :
E5N83

Tot Ion	Ratio	Resp	Lower	Upper
82	100	142475		
95	8.5		6.9	10.3
138	17.0		13.8	20.8

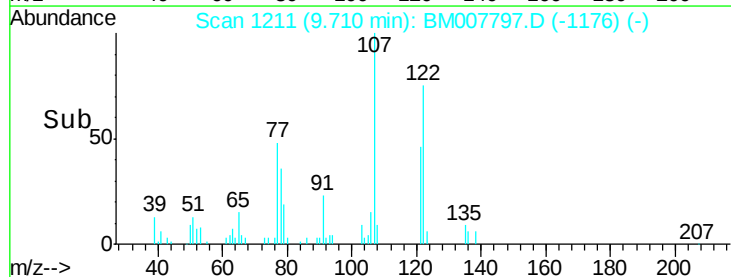
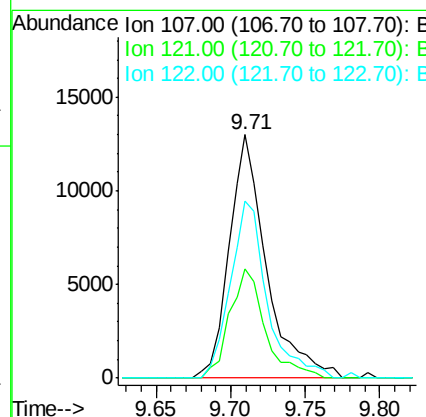
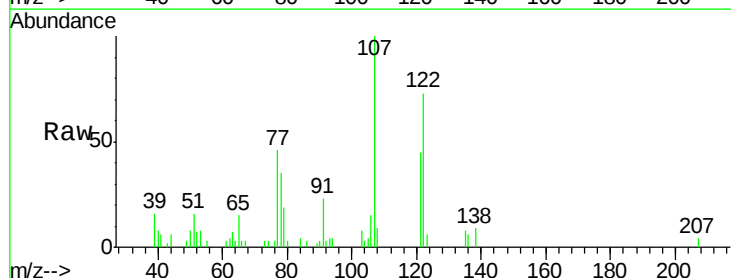
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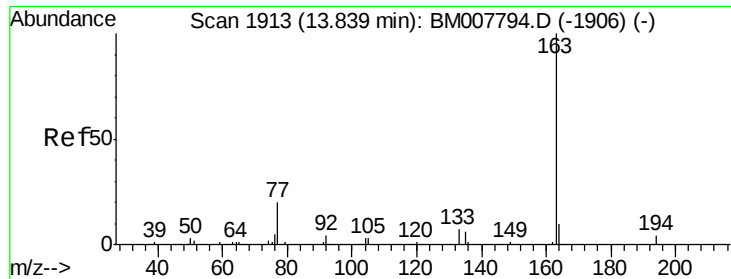
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#24
2,4-Dimethylphenol
Concen: 1.64 ng/ul
RT: 9.71 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BM007797.D
Acq: 09 Nov 2016 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	22679		
121	44.9		37.1	55.7
122	72.9		62.8	94.2





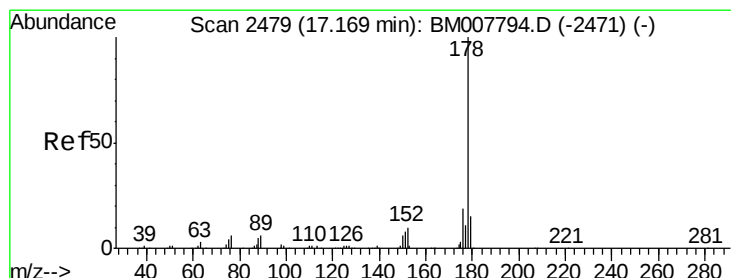
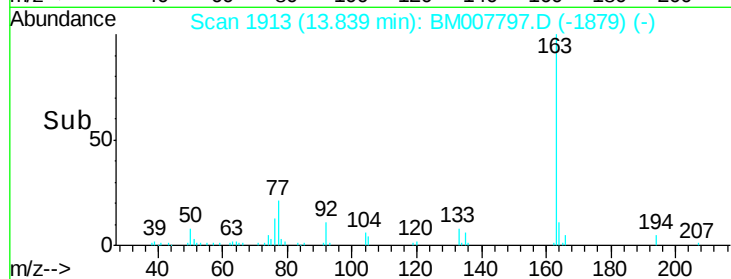
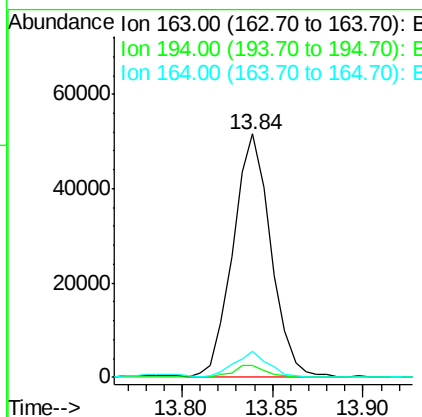
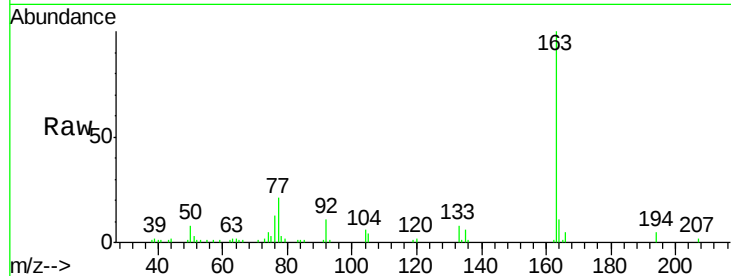
#44
Dimethylphthalate
Concen: 2.39 ng/ul
RT: 13.84 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BM007797.D
Acq: 09 Nov 2016 15:09

Instrument :
BNA_M
ClientSampleId :
E5N83

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.2
164	10.5	7.8	11.8

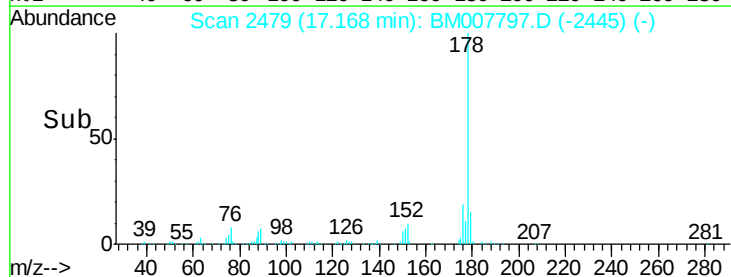
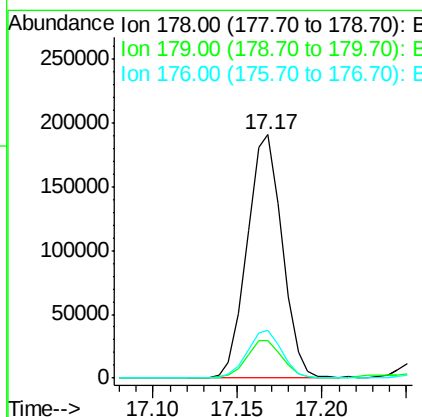
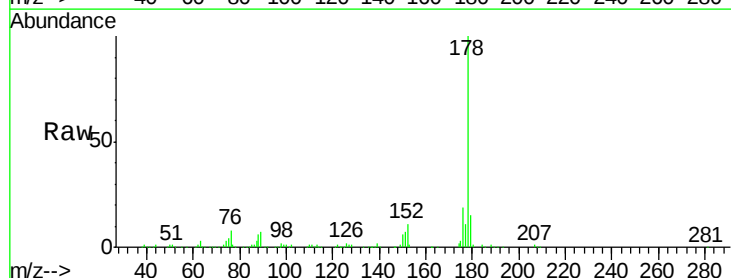
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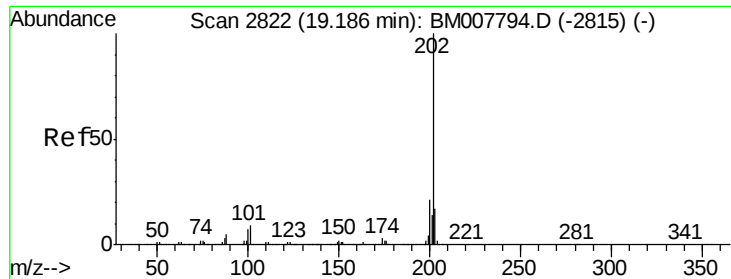
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#69
Phenanthrene
Concen: 5.62 ng/ul
RT: 17.17 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BM007797.D
Acq: 09 Nov 2016 15:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.4	15.1	22.7





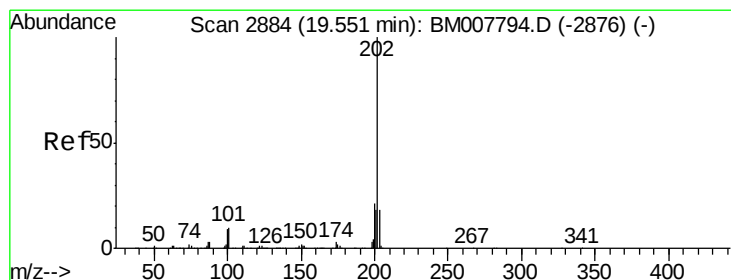
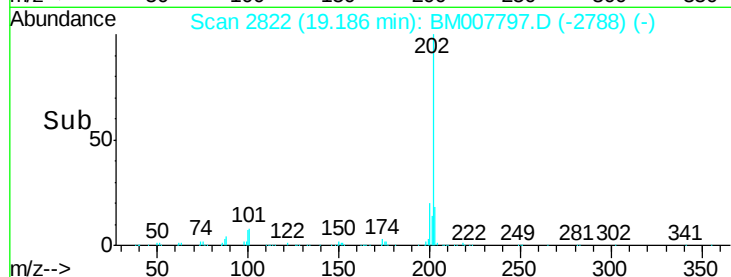
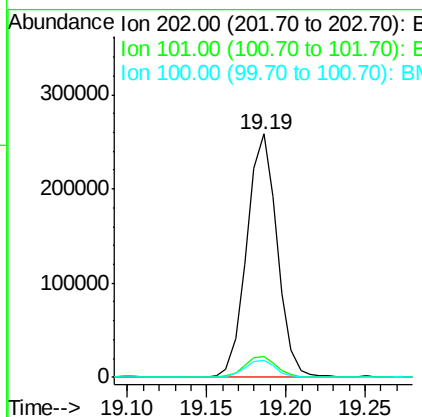
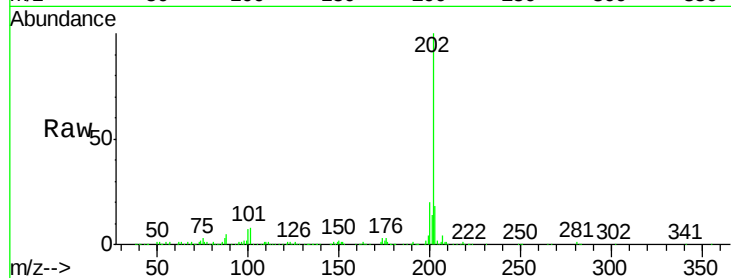
#74
Fluoranthene
 Concen: 5.99 ng/ul
 RT: 19.19 min Scan# 2822
 Delta R.T. -0.00 min
 Lab File: BM007797.D
 Acq: 09 Nov 2016 15:09

Instrument :
 BNA_M
 ClientSampleId :
 E5N83

Tot Ion:	202	Resp:	344450
Ion Ratio	Lower	Upper	
202	100		
101	8.5	6.9	10.3
100	7.1	5.4	8.0

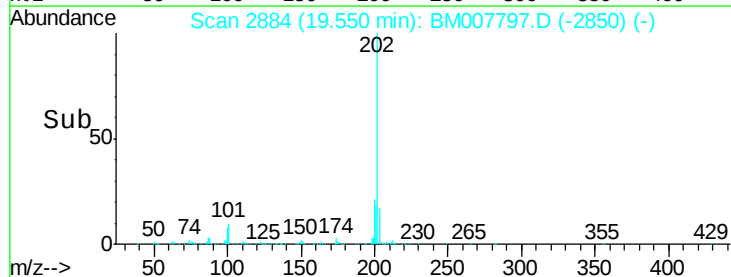
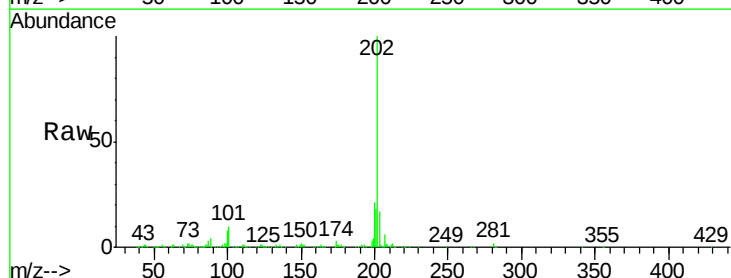
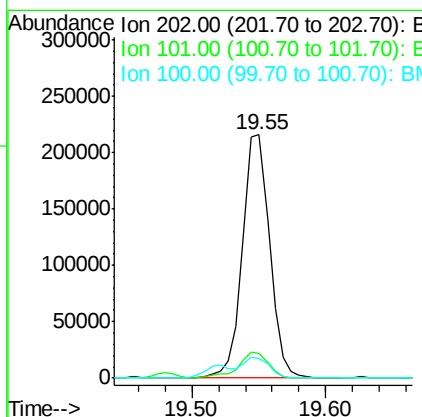
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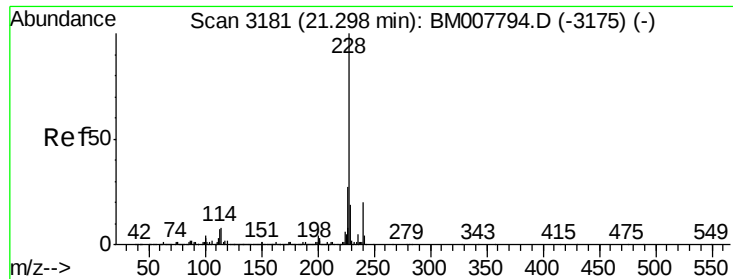
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#77
Pyrene
 Concen: 5.20 ng/ul
 RT: 19.55 min Scan# 2884
 Delta R.T. -0.00 min
 Lab File: BM007797.D
 Acq: 09 Nov 2016 15:09

Tgt Ion:	202	Resp:	302942
Ion Ratio	Lower	Upper	
202	100		
101	10.0	8.4	12.6
100	7.8	6.9	10.3





#80

Benzo(a)anthracene

Concen: 2.30 ng/ul

RT: 21.30 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BM007797.D

Acq: 09 Nov 2016 15:09

Instrument :

BNA_M

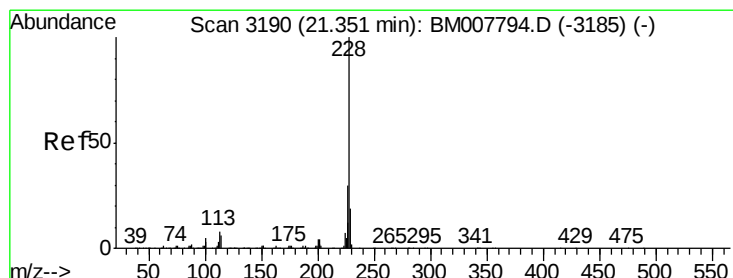
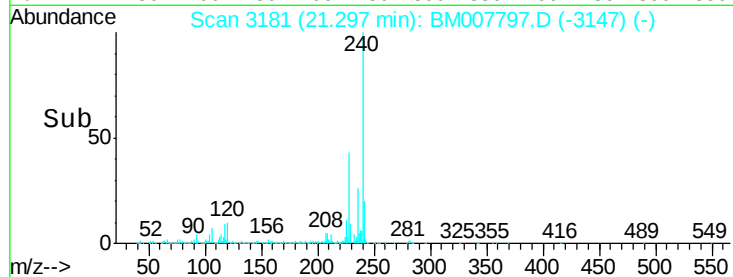
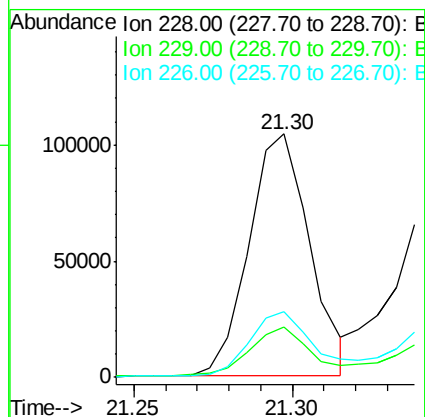
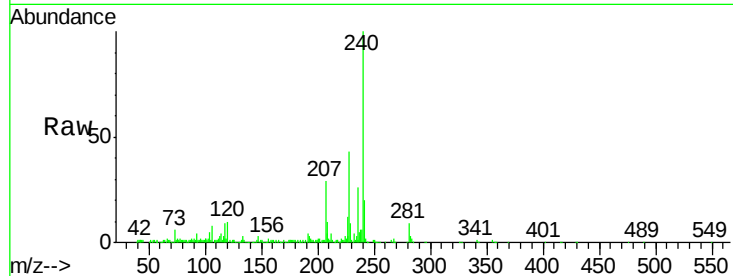
ClientSampleId :

E5N83

Tot Ion:	228	Resp:	138746
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.6	23.4
226	26.8	21.8	32.8

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#82

Chrysene

Concen: 2.69 ng/ul

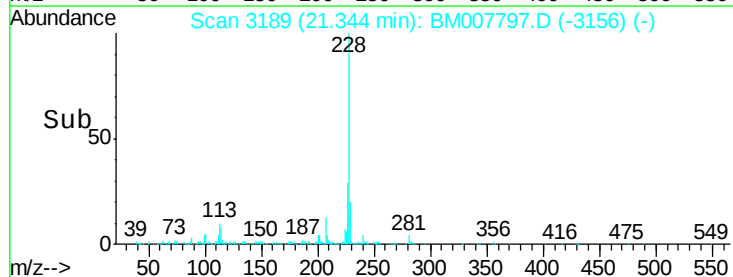
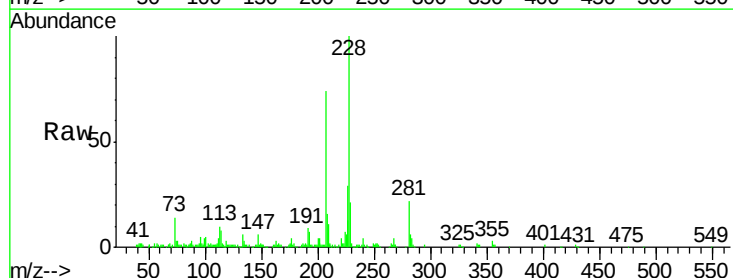
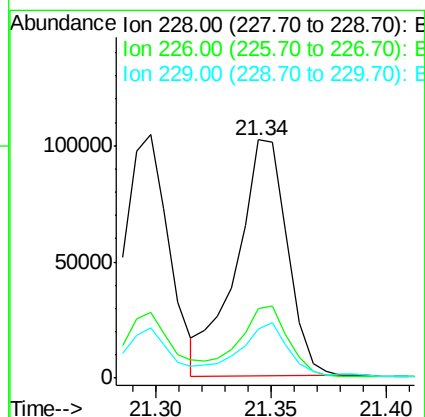
RT: 21.34 min Scan# 3189

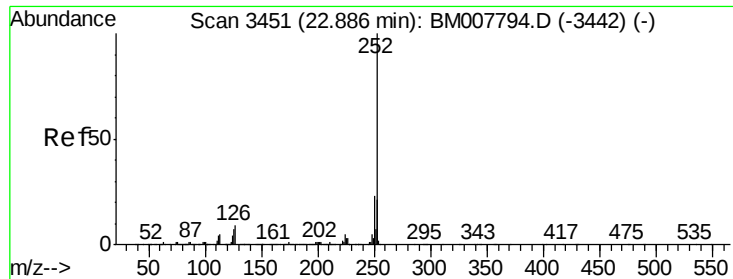
Delta R.T. -0.01 min

Lab File: BM007797.D

Acq: 09 Nov 2016 15:09

Tgt Ion:	228	Resp:	155539
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.4	35.2
229	20.6	15.5	23.3





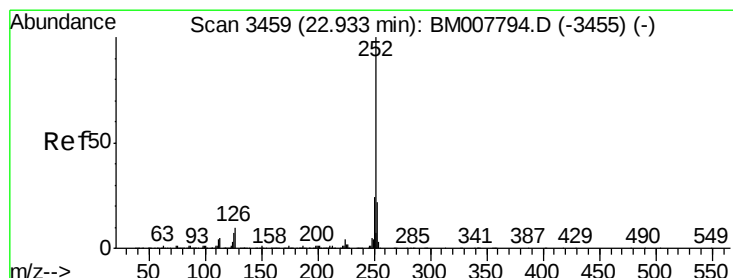
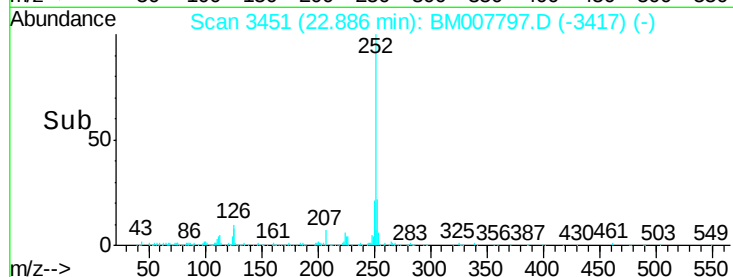
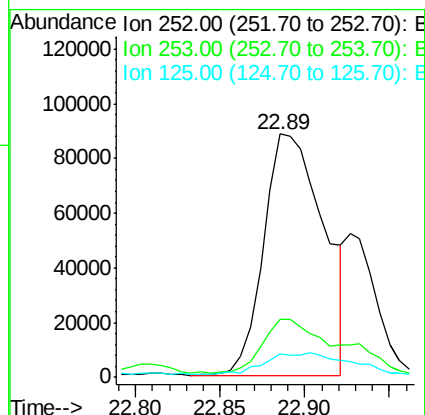
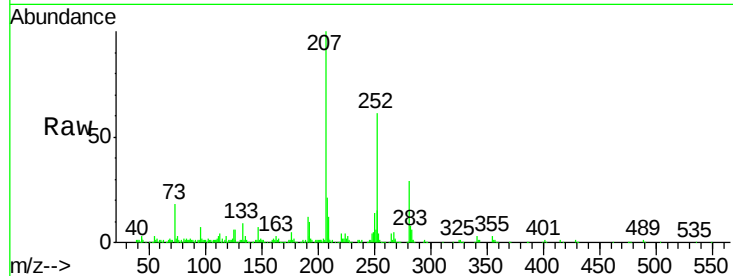
#85
Benzo(b)fluoranthene
Concen: 3.28 ng/ul
RT: 22.89 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM007797.D
Acq: 09 Nov 2016 15:09

Instrument :
BNA_M
ClientSampleId :
E5N83

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.8	17.1	25.7
125	9.8	5.8	8.8#

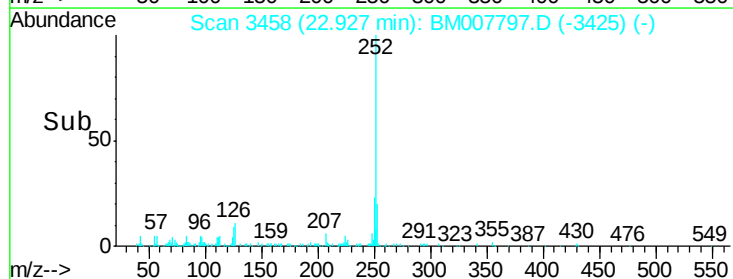
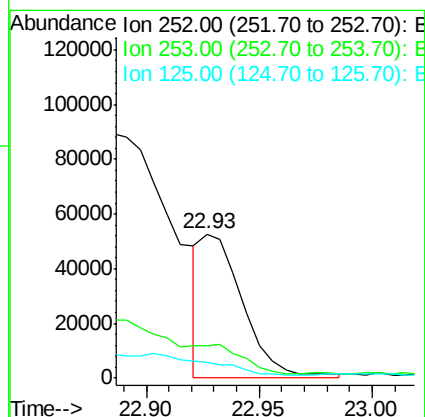
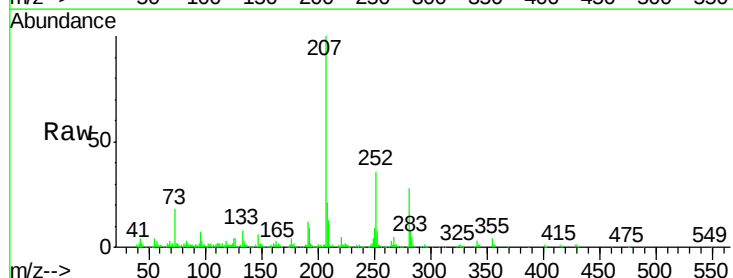
Manual Integrations
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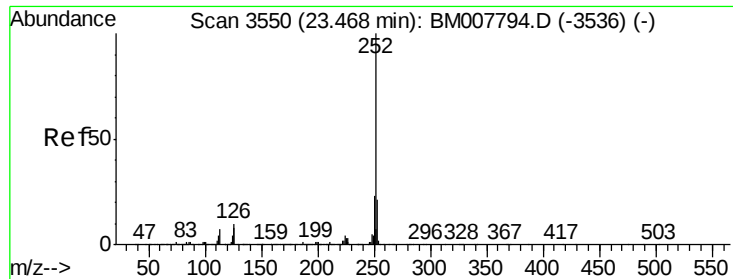
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#86
Benzo(k)fluoranthene
Concen: 1.10 ng/ul m
RT: 22.93 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM007797.D
Acq: 09 Nov 2016 15:09

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.6	17.6	26.4
125	11.2	5.7	8.5#





#88

Benzo(a)pyrene

Concen: 2.27 ng/ul

RT: 23.46 min Scan# 3549

Delta R.T. -0.01 min

Lab File: BM007797.D

Acq: 09 Nov 2016 15:09

Instrument :

BNA_M

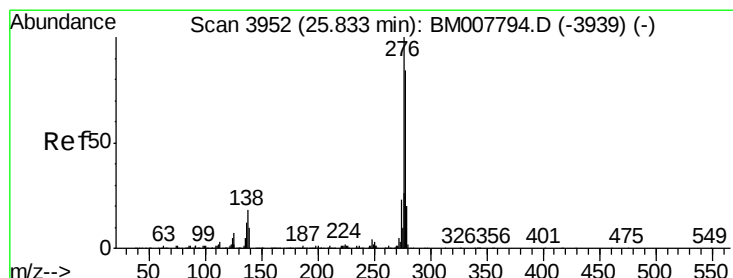
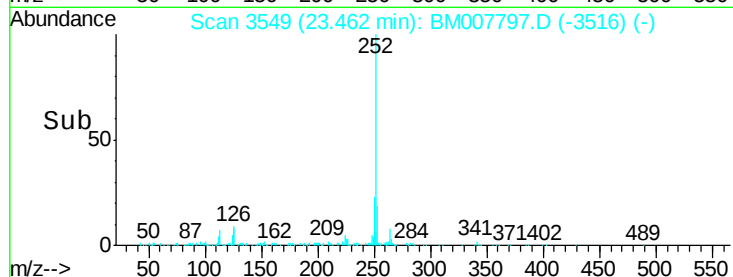
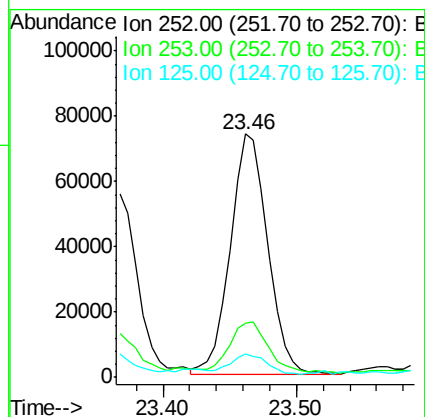
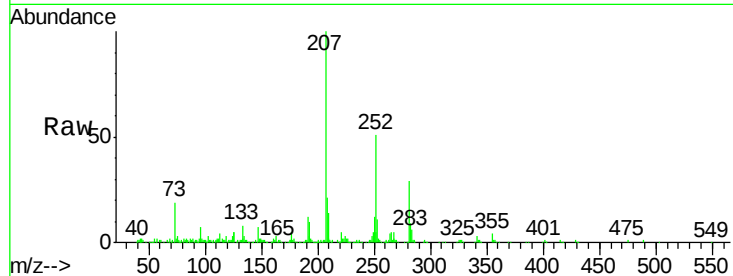
ClientSampled :

E5N83

Tot Ion:	252	Resp:	142867
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.7	26.5
125	9.7	6.6	9.8

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.33 ng/ul

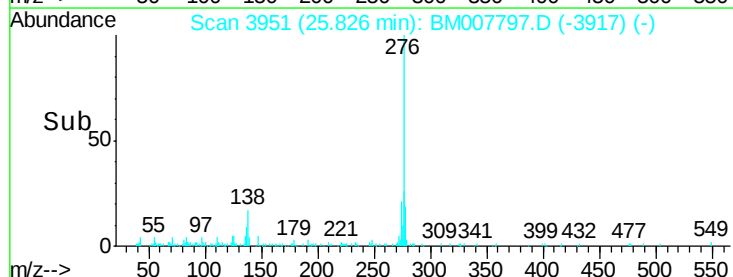
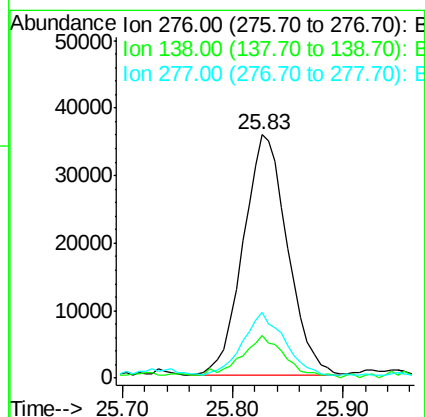
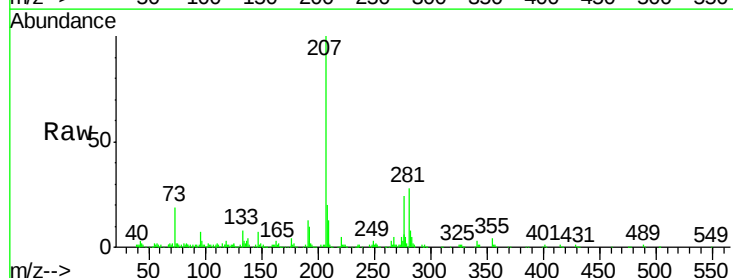
RT: 25.83 min Scan# 3951

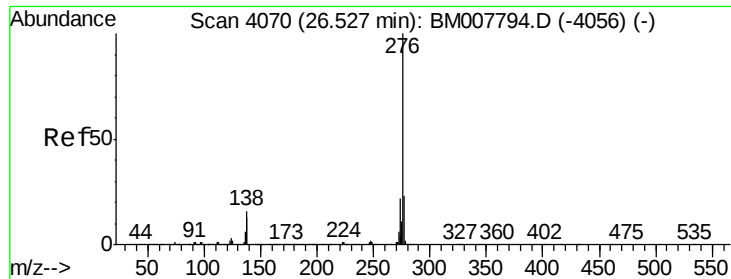
Delta R.T. -0.00 min

Lab File: BM007797.D

Acq: 09 Nov 2016 15:09

Tgt Ion:	276	Resp:	100335
Ion Ratio	Lower	Upper	
276	100		
138	17.5	13.9	20.9
277	26.8	20.1	30.1





#91
 Benzo(a,h,i)perylene
 Concen: 1.41 ng/ul
 RT: 26.53 min Scan# 4070
 Delta R.T. -0.00 min
 Lab File: BM007797.D
 Acq: 09 Nov 2016 15:09

Instrument :
 BNA_M
 ClientSampleId :
 E5N83

Tot Ion:	276	Resp:	88908
Ion Ratio	Lower	Upper	
276	100		
138	15.2	13.5	20.3
277	25.1	19.3	28.9

Manual Integrations
 APPROVED

umangi
 11/10/2016 8:42:31 AM

