

Data File : BM012276.D
Acq On : 18 Oct 2017 07:44
Operator : SJ/JU
Sample : I5747-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-22(1-3)-100617

Manual Integrations
APPROVED

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10/18/2017 7:33:51 PM

Quant Time: Oct 30 08:18:18 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 18 08:12:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	198687	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	771442	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	500937	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1530881	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1084748	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1032279	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	10758	2.57	ng/uL	0.00
5) Phenol-d5	6.96	99	330867	20.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	210352	21.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	301555	22.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	221058	15.93	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	111620	18.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	131777	19.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	266863	20.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	253063	20.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	878003	19.83	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1076165	20.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	70733	10.63	ng/ul	0.00
57) Fluorene-d10	15.43	176	773336	21.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	79466	7.56	ng/ul	0.00
70) Anthracene-d10	17.29	188	1526726	20.17	ng/ul	0.00
76) Pyrene-d10	19.58	212	1593324	28.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1034411	20.79	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.98	94	80056	4.80	ng/ul	94
69) Phenanthrene	17.23	178	276195	3.17	ng/ul	99
74) Fluoranthene	19.24	202	1062567	10.11	ng/ul#	96
77) Pyrene	19.61	202	1117946	15.61	ng/ul	97
80) Benzo(a)anthracene	21.35	228	537377	7.61	ng/ul	98
82) Chrysene	21.40	228	509156	7.68	ng/ul	97
85) Benzo(b)fluoranthene	22.97	252	801428	11.90	ng/ul#	96
86) Benzo(k)fluoranthene	23.01	252	238647m	3.68	ng/ul	
88) Benzo(a)pyrene	23.57	252	572363	9.01	ng/ul	94
89) Indeno(1,2,3-cd)pyrene	26.01	276	438906	6.51	ng/ul	96
90) Dibenzo(a,h)anthracene	26.01	278	97652	1.72	ng/ul#	86
91) Benzo(g,h,i)perylene	26.73	276	372632	6.75	ng/ul	100

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

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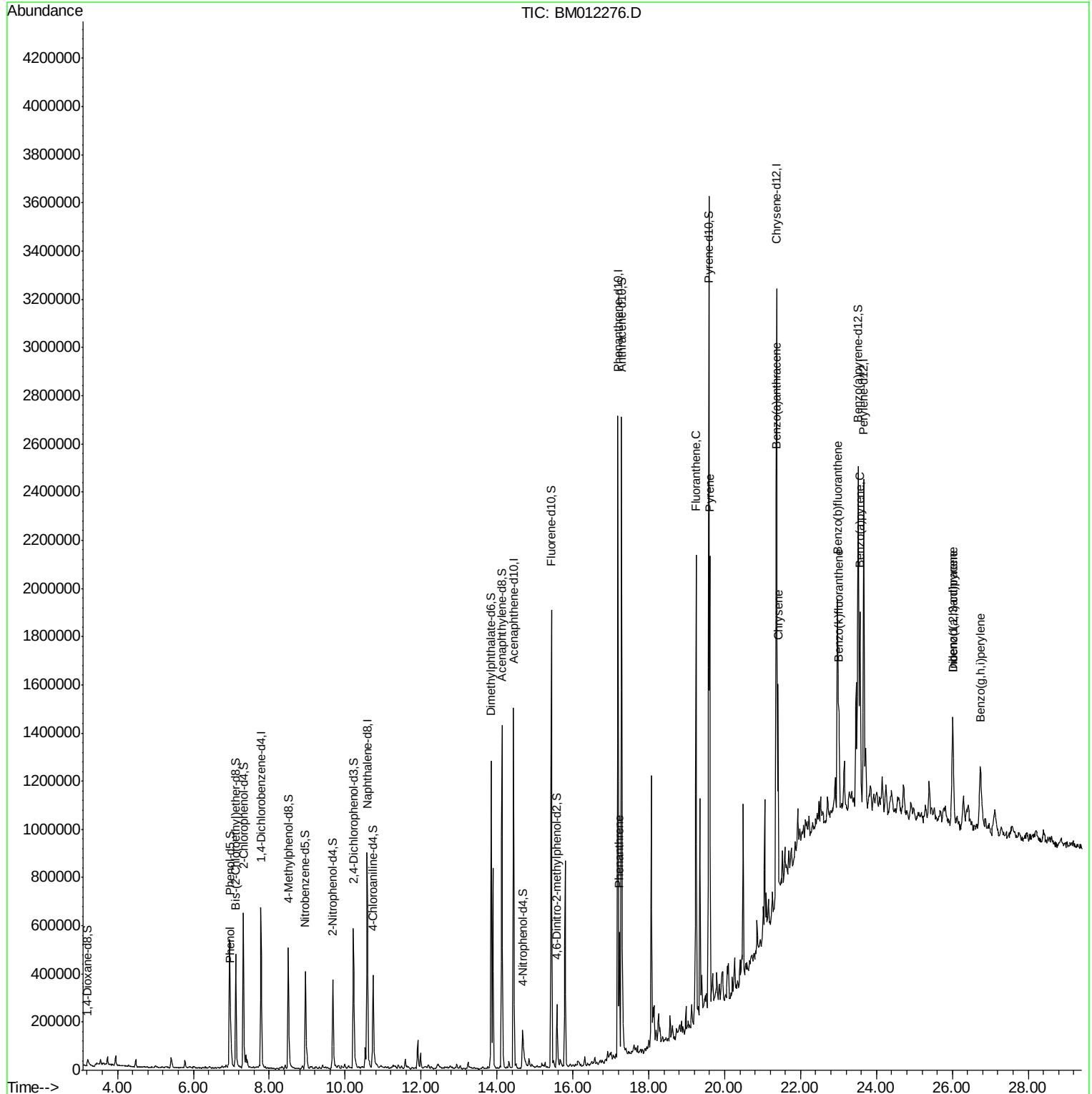
Quant Time: Oct 30 08:18:18 2017

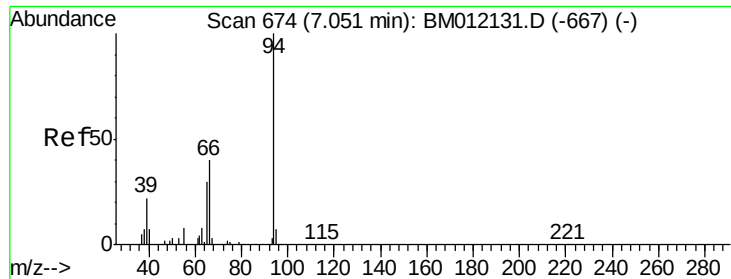
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 18 08:12:28 2017

Response via : Initial Calibration





#6

Phenol

Concen: 4.80 ng/ul

RT: 6.98 min Scan# 662

Delta R.T. -0.01 min

Lab File: BM012276.D

Acq: 18 Oct 2017 07:44

Instrument :

BNA_M

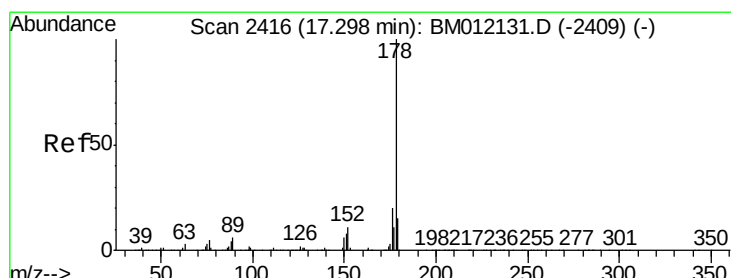
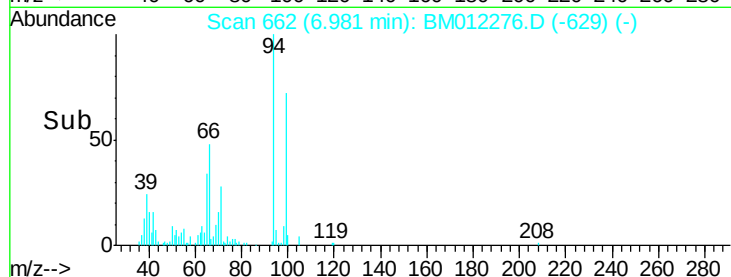
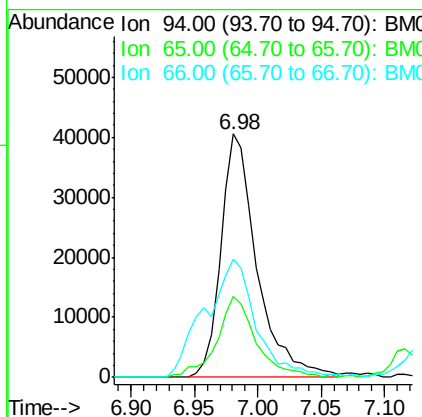
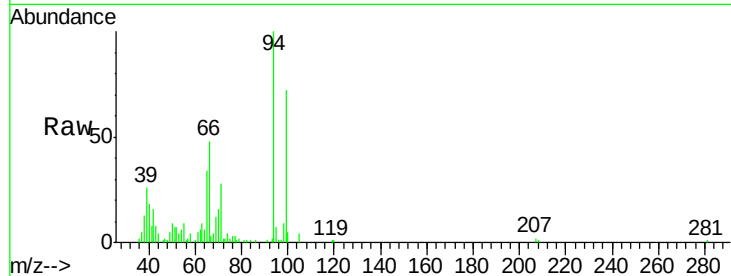
ClientSampleId :

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Tgt Ion:	94	Resp:	80056
Ion Ratio	Lower	Upper	
94	100		
65	33.5	24.4	36.6
66	48.3	35.0	52.4

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#69

Phenanthrene

Concen: 3.17 ng/ul

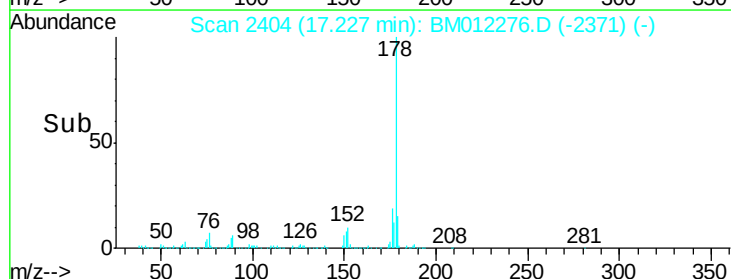
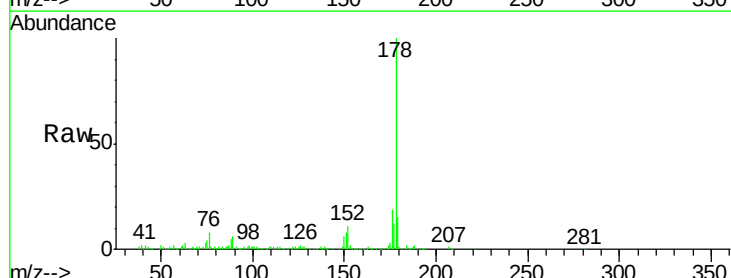
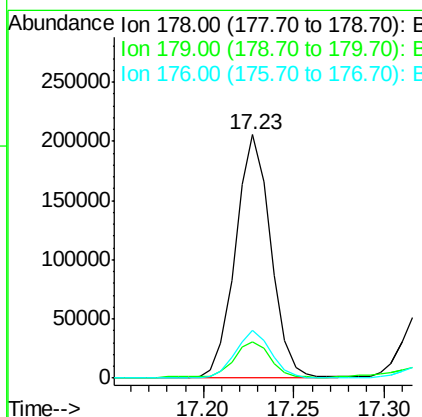
RT: 17.23 min Scan# 2404

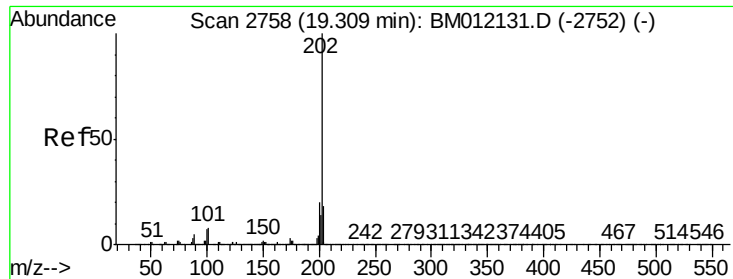
Delta R.T. -0.01 min

Lab File: BM012276.D

Acq: 18 Oct 2017 07:44

Tgt Ion:	178	Resp:	276195
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.0	18.0
176	19.5	15.0	22.6





#74

Fluoranthene

Concen: 10.11 ng/ul

RT: 19.24 min Scan# 2747

Delta R.T. -0.01 min

Lab File: BM012276.D

Acq: 18 Oct 2017 07:44

Instrument :

BNA_M

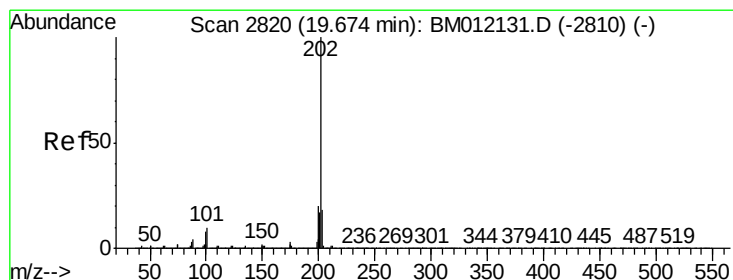
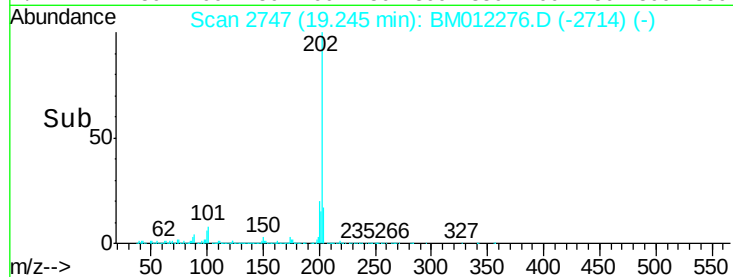
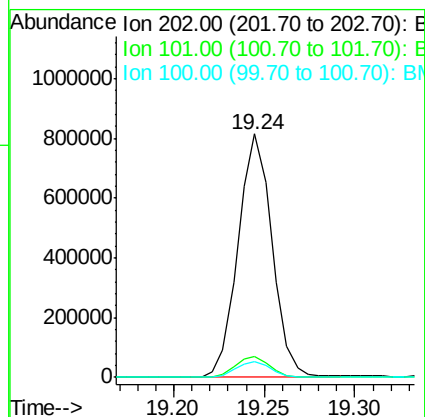
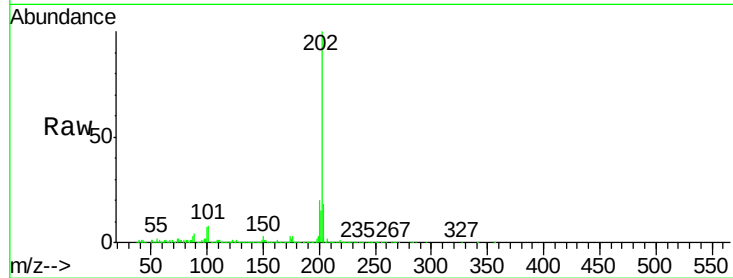
ClientSampleId :

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Tgt Ion:	202	Resp:	1062567
Ion Ratio	Lower	Upper	
202	100		
101	8.4	5.8	8.6
100	6.6	4.3	6.5#

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#77

Pyrene

Concen: 15.61 ng/ul

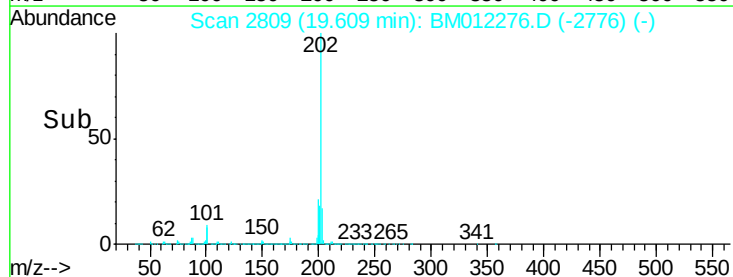
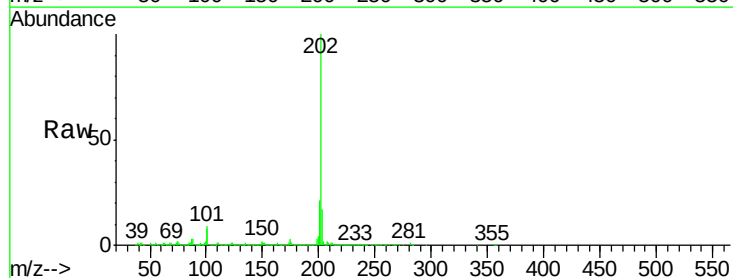
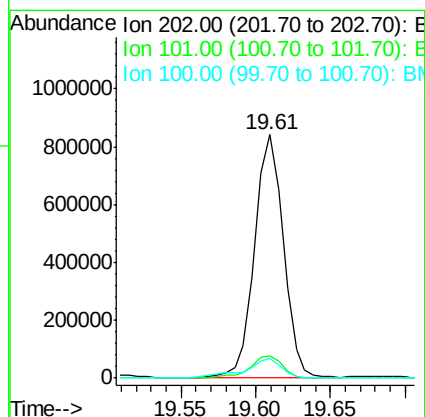
RT: 19.61 min Scan# 2809

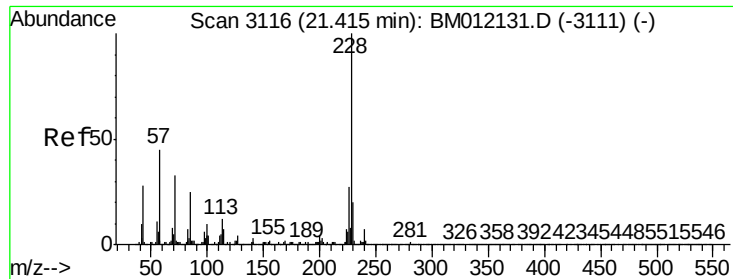
Delta R.T. -0.01 min

Lab File: BM012276.D

Acq: 18 Oct 2017 07:44

Tgt Ion:	202	Resp:	1117946
Ion Ratio	Lower	Upper	
202	100		
101	9.3	6.5	9.7
100	7.8	5.6	8.4





#80

Benzo(a)anthracene

Concen: 7.61 ng/ul

RT: 21.35 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM012276.D

Acq: 18 Oct 2017 07:44

Instrument :

BNA_M

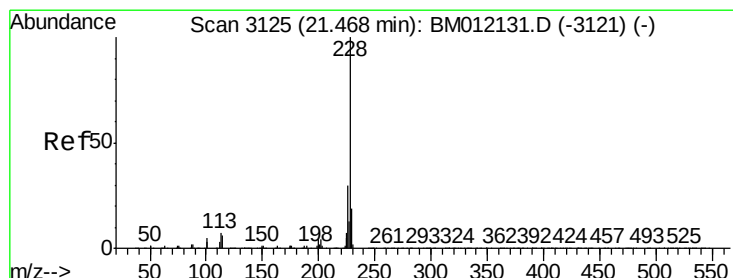
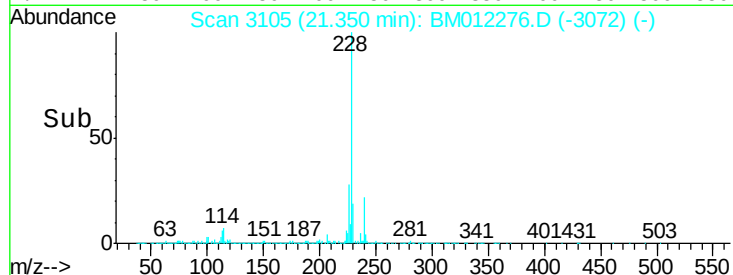
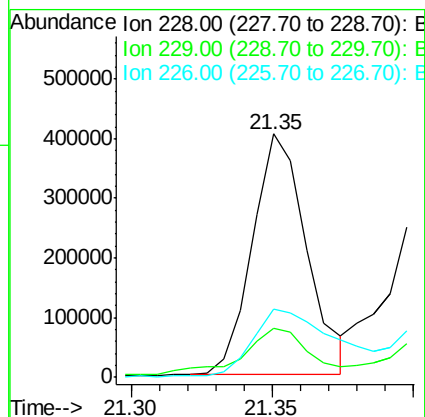
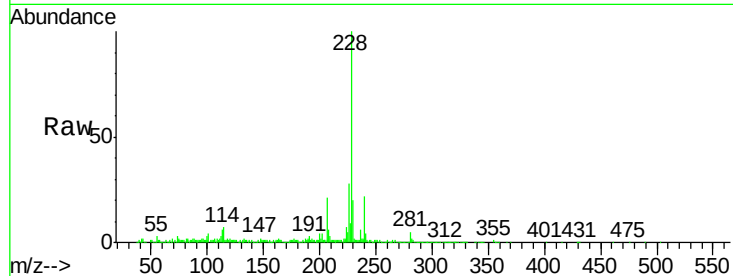
ClientSampleId :

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Tgt	Ion	228	Resp	537377
	Ion	Ratio	Lower	Upper
	228	100		
	229	20.2	15.8	23.8
	226	28.0	21.4	32.2

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#82

Chrysene

Concen: 7.68 ng/ul

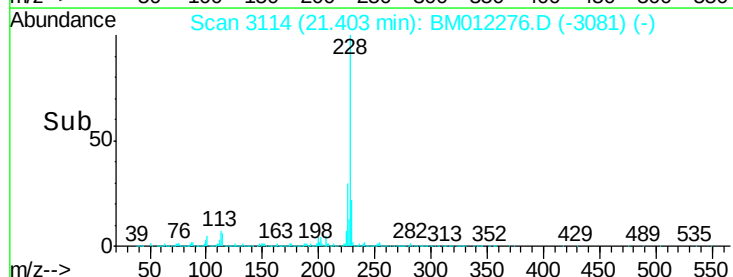
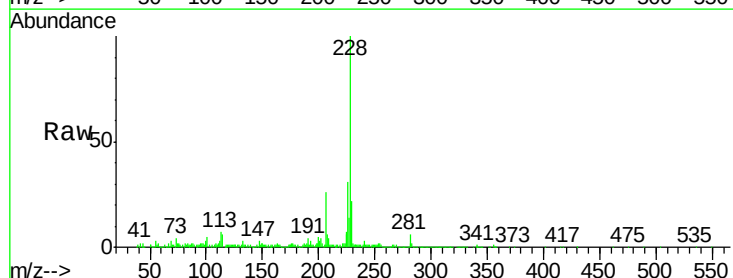
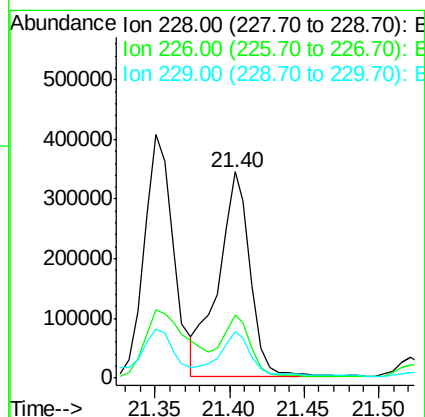
RT: 21.40 min Scan# 3114

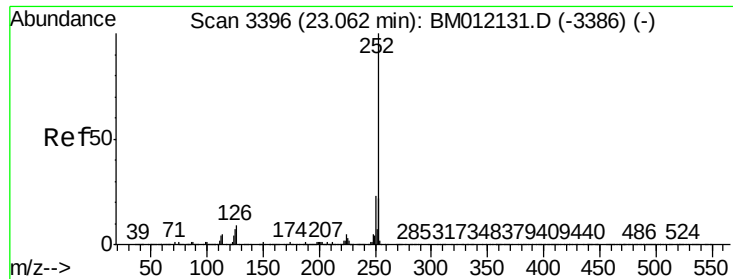
Delta R.T. -0.01 min

Lab File: BM012276.D

Acq: 18 Oct 2017 07:44

Tgt	Ion	228	Resp	509156
	Ion	Ratio	Lower	Upper
	228	100		
	226	30.7	24.0	36.0
	229	22.4	15.5	23.3





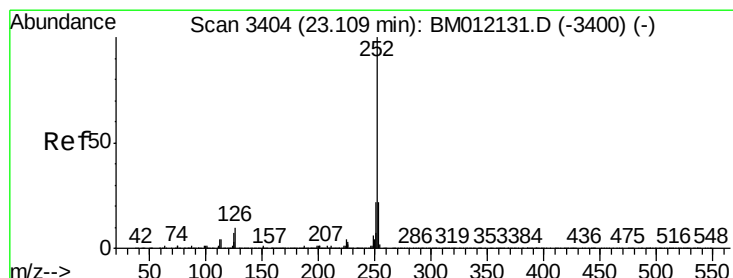
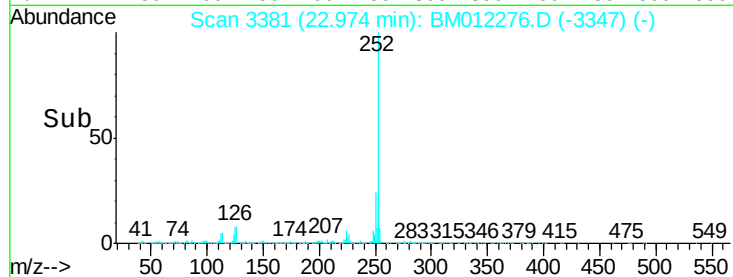
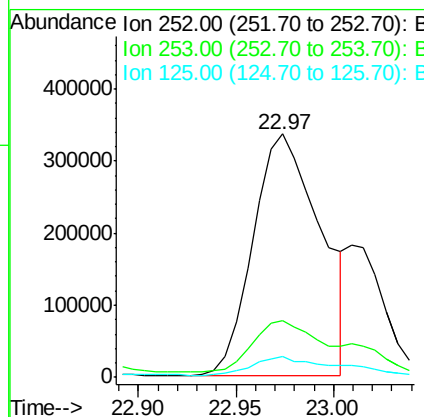
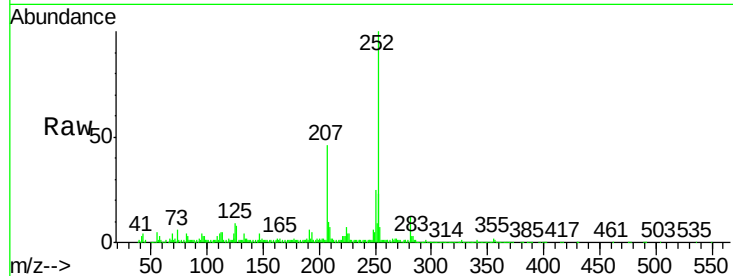
#85
Benzo(b)fluoranthene
Concen: 11.90 ng/ul
RT: 22.97 min Scan# 3381
Delta R.T. -0.00 min
Lab File: BM012276.D
Acq: 18 Oct 2017 07:44

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	8.6	5.1	7.7#

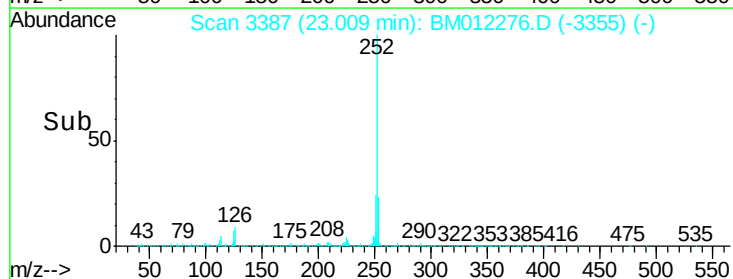
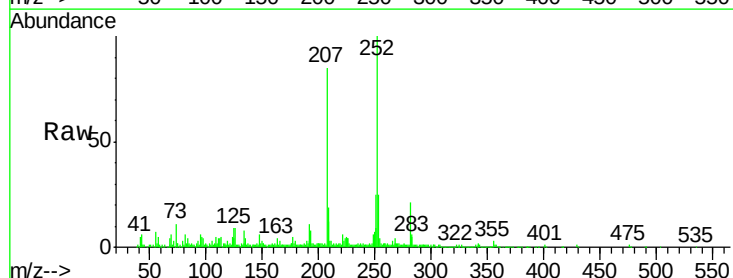
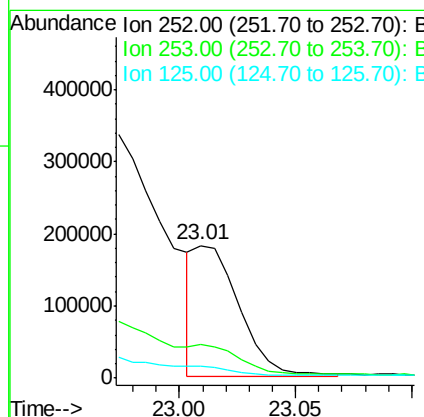
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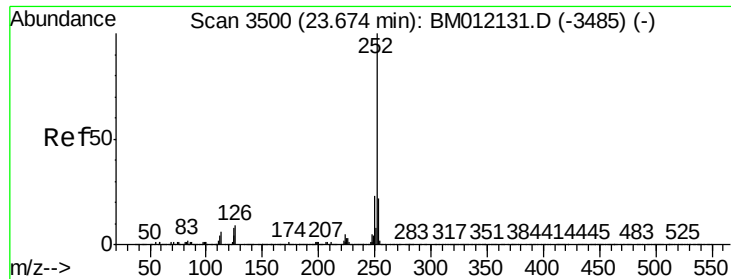
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#86
Benzo(k)fluoranthene
Concen: 3.68 ng/ul m
RT: 23.01 min Scan# 3387
Delta R.T. -0.01 min
Lab File: BM012276.D
Acq: 18 Oct 2017 07:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.6
125	8.7	4.9	7.3#





#88

Benzo(a)pyrene

Concen: 9.01 ng/ul

RT: 23.57 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM012276.D

Acq: 18 Oct 2017 07:44

Instrument :

BNA_M

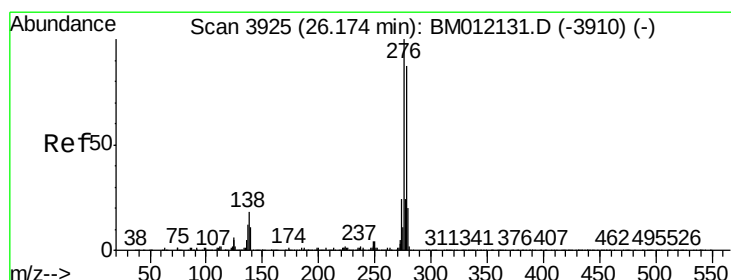
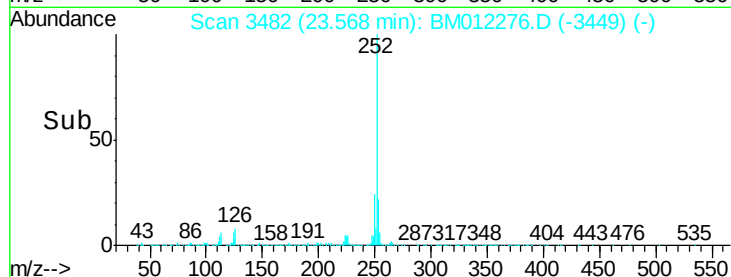
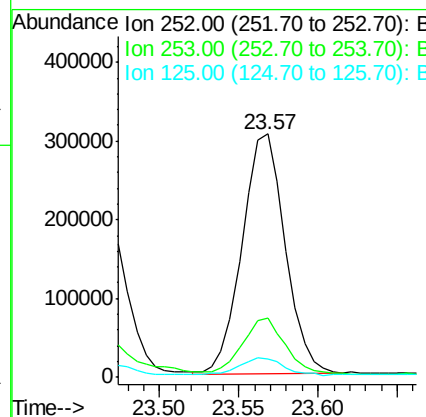
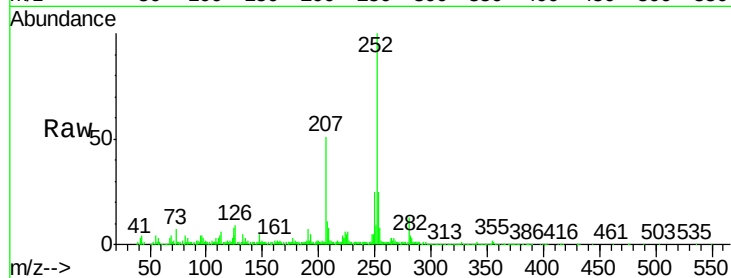
ClientSampleId :

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Tgt Ion:	252	Resp:	572363
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.1	25.7
125	7.6	5.2	7.8

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#89

Indeno(1,2,3-cd)pyrene

Concen: 6.51 ng/ul

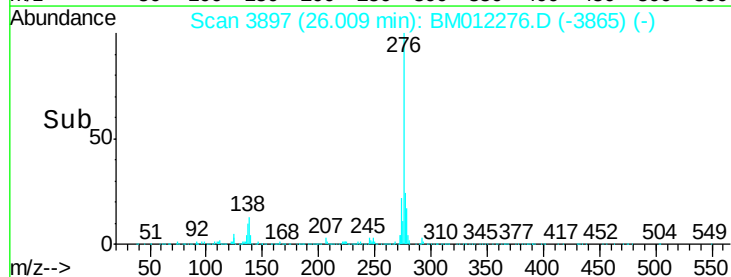
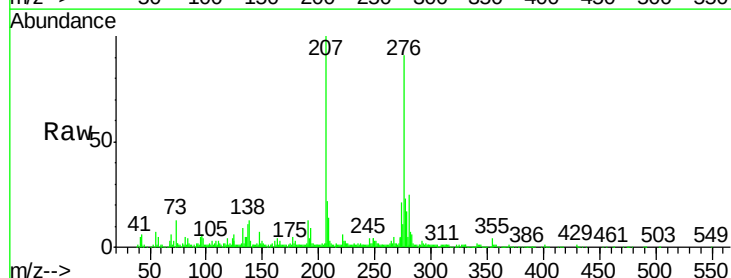
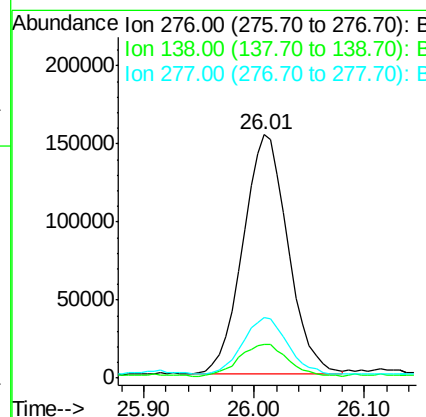
RT: 26.01 min Scan# 3897

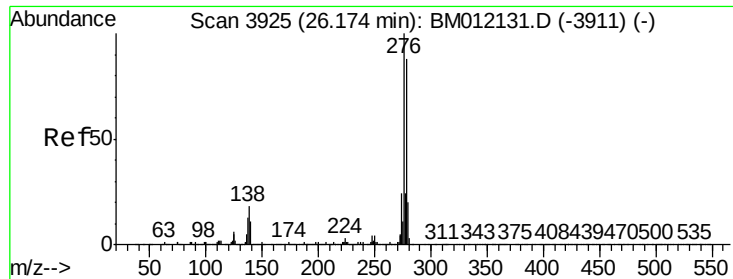
Delta R.T. -0.01 min

Lab File: BM012276.D

Acq: 18 Oct 2017 07:44

Tgt Ion:	276	Resp:	438906
Ion Ratio	Lower	Upper	
276	100		
138	13.9	13.2	19.8
277	24.8	20.6	31.0





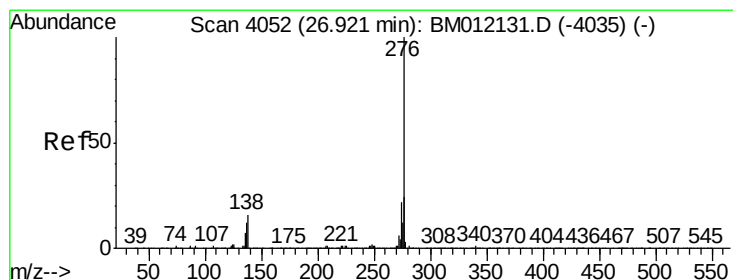
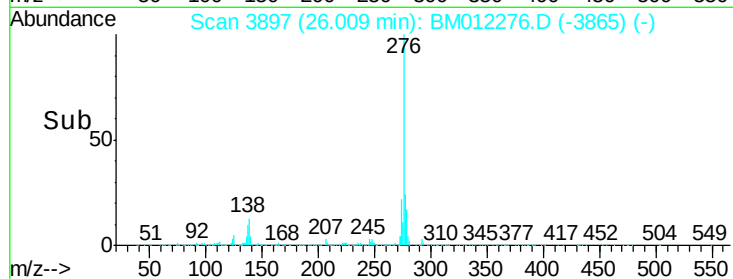
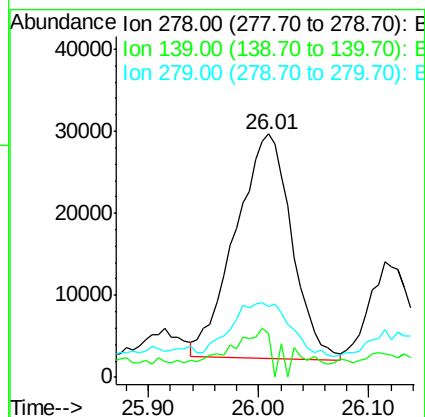
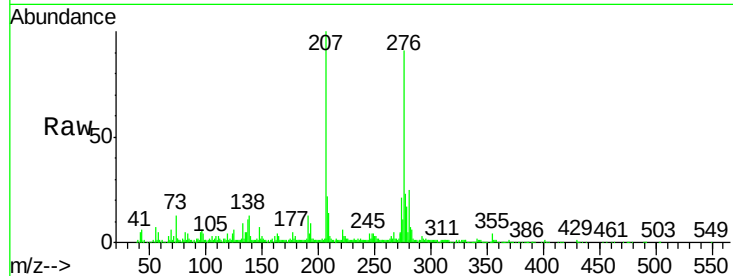
#90
Dibenzo(a,h)anthracene
Concen: 1.72 ng/ul
RT: 26.01 min Scan# 3897
Delta R.T. -0.01 min
Lab File: BM012276.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	18.3	8.3	12.5#
279	29.3	19.3	28.9#

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#91
Benzo(g,h,i)perylene
Concen: 6.75 ng/ul
RT: 26.73 min Scan# 4020
Delta R.T. -0.01 min
Lab File: BM012276.D
Acq: 18 Oct 2017 07:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	13.5	10.7	16.1
277	23.6	19.0	28.4

