

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012457.D
 Acq On : 25 Oct 2017 23:00
 Operator : SJ/JU
 Sample : I5719-15 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-26(5-5.8)-100517

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:54:13 AM

Quant Time: Oct 26 12:25:19 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 05:23:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	631788	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2654827	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1733651	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	4177445	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	3682071	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	3334086	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	22409m	1.81	ng/uL	0.00
5) Phenol-d5	7.05	99	446257	8.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	448767	14.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	347958	8.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	388968	8.62	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	198685	11.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	200615	11.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	408702	9.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	326522	6.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1372257	9.06	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1706347	9.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	138916	6.17	ng/ul	0.00
57) Fluorene-d10	15.50	176	1231485	9.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	80499	3.98	ng/ul	0.00
70) Anthracene-d10	17.35	188	1924331	9.67	ng/ul	0.00
76) Pyrene-d10	19.64	212	1988326	11.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1495076	9.44	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.07	94	136599	2.486	ng/ul	91
28) Naphthalene	10.73	128	198525	1.508	ng/ul#	87
44) Dimethylphthalate	13.96	163	850837m	5.679	ng/ul	
69) Phenanthrene	17.29	178	886095	3.922	ng/ul	100
74) Fluoranthene	19.30	202	1314995	5.137	ng/ul#	94
77) Pyrene	19.67	202	1240925	5.926	ng/ul#	95
80) Benzo(a)anthracene	21.41	228	598274	2.713	ng/ul	94
82) Chrysene	21.46	228	641005m	3.270	ng/ul	
85) Benzo(b)fluoranthene	23.04	252	730428	3.544	ng/ul#	81
88) Benzo(a)pyrene	23.63	252	470943	2.397	ng/ul#	88
89) Indeno(1,2,3-cd)pyrene	26.08	276	347662	1.503	ng/ul#	90
91) Benzo(g,h,i)perylene	26.80	276	319383	1.704	ng/ul#	90

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

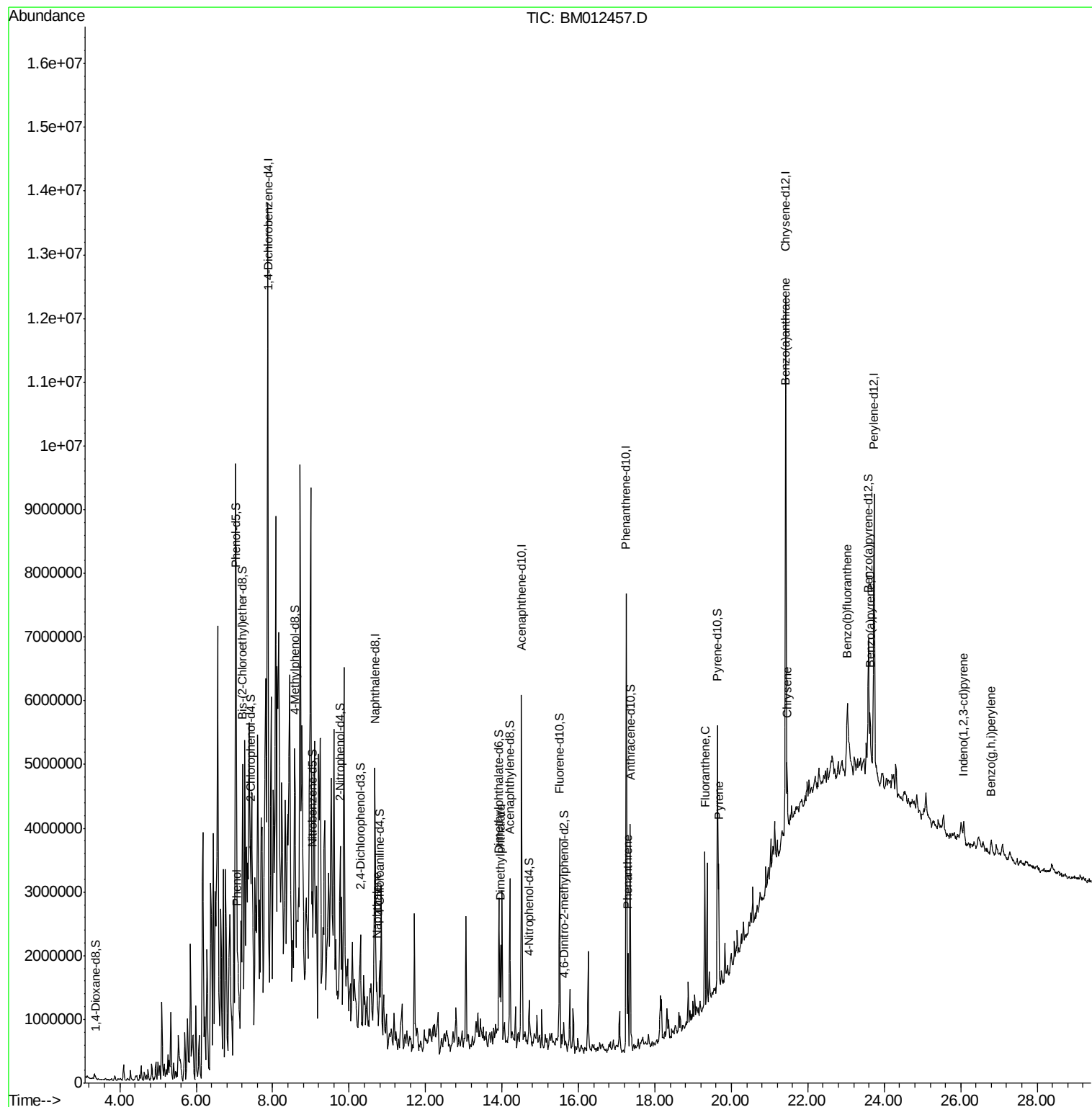
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012457.D
Acq On : 25 Oct 2017 23:00
Operator : SJ/JU
Sample : I5719-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

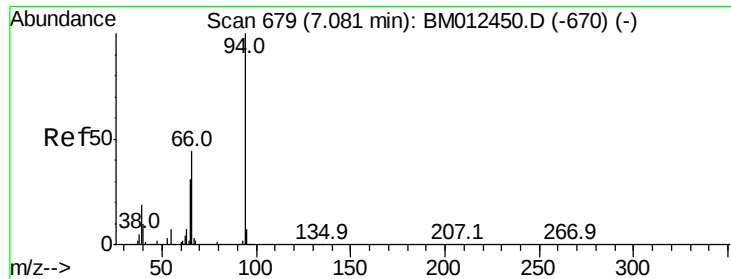
Instrument :
BNA_M
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Quant Time: Oct 26 12:25:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.486 ng/ul

RT: 7.07 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM012457.D

Acq: 25 Oct 2017 23:00

Instrument :

BNA_M

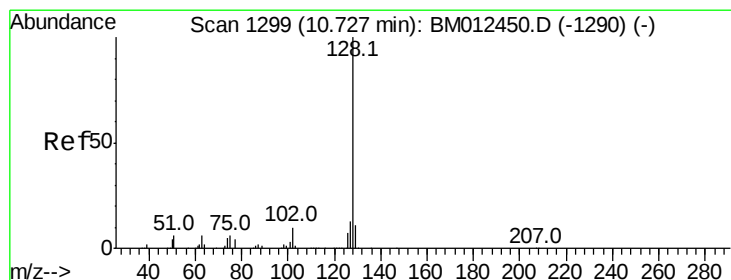
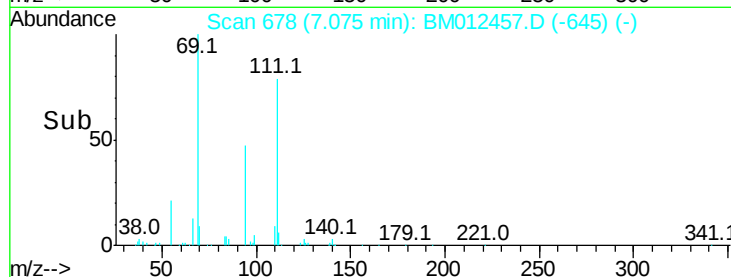
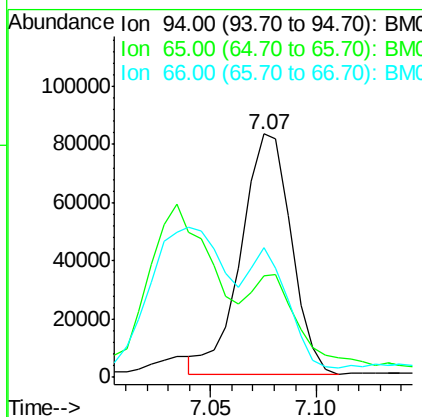
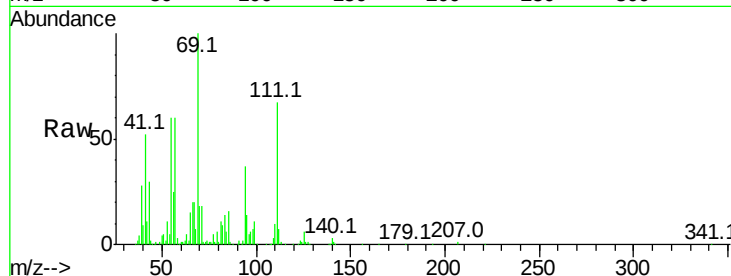
ClientSampleId :

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Tot Ion:	94	Resp:	136599
Ion Ratio	Lower	Upper	
94	100		
65	41.5	28.2	42.4
66	53.0	47.2	70.8

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#28

Naphthalene

Concen: 1.508 ng/ul

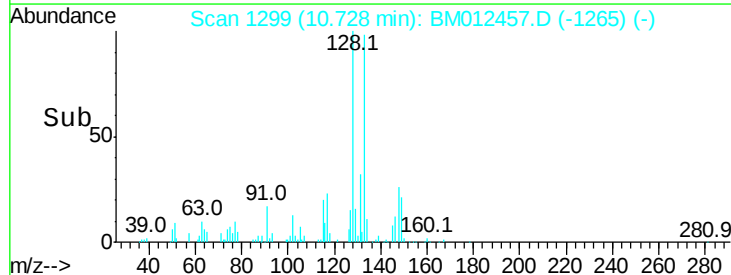
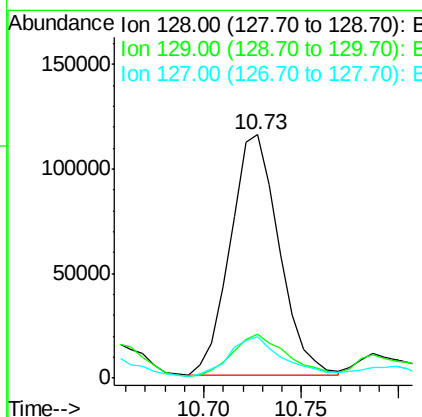
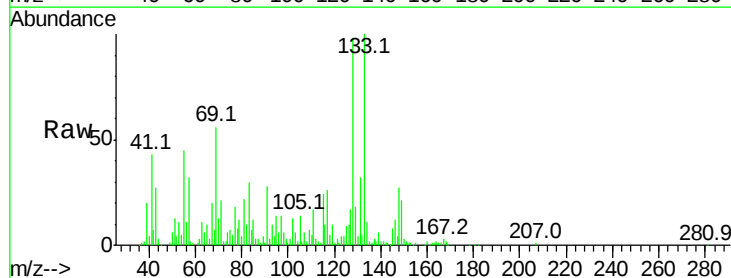
RT: 10.73 min Scan# 1299

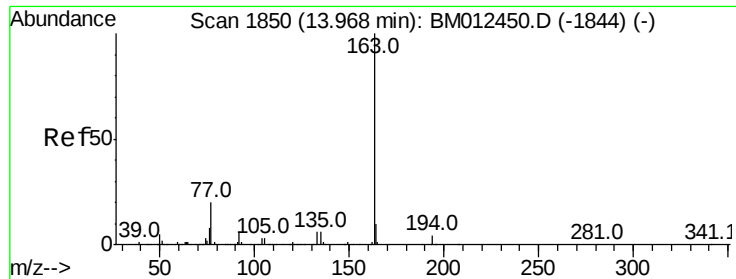
Delta R.T. 0.00 min

Lab File: BM012457.D

Acq: 25 Oct 2017 23:00

Tgt Ion:	128	Resp:	198525
Ion Ratio	Lower	Upper	
128	100		
129	18.0	8.8	13.2#
127	16.9	10.6	16.0#





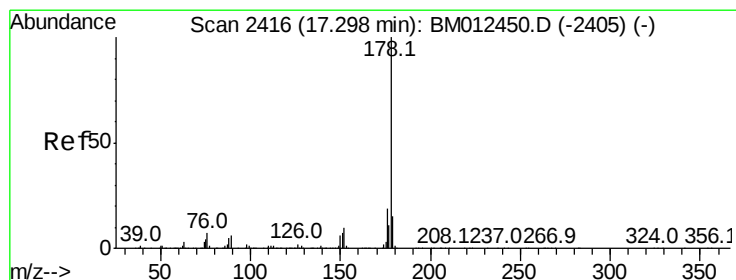
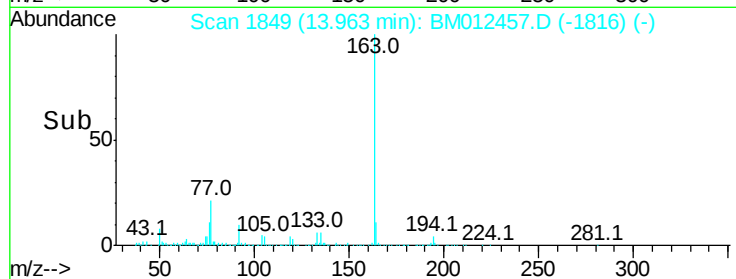
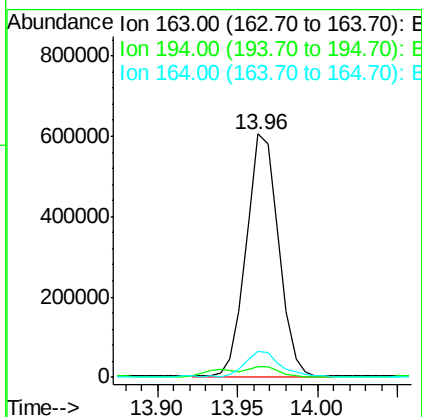
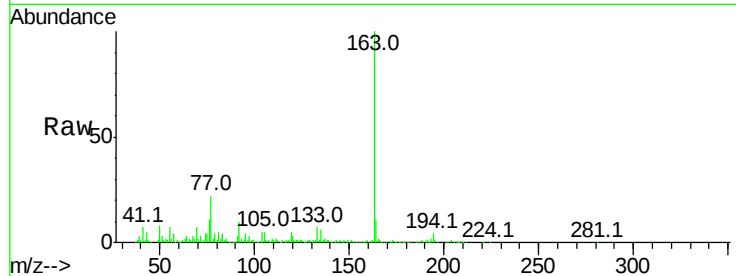
#44
Dimethylphthalate
Concen: 5.679 ng/ul m
RT: 13.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM012457.D
Acq: 25 Oct 2017 23:00

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	850837		
194	4.5		3.5	5.3
164	10.7		8.2	12.4

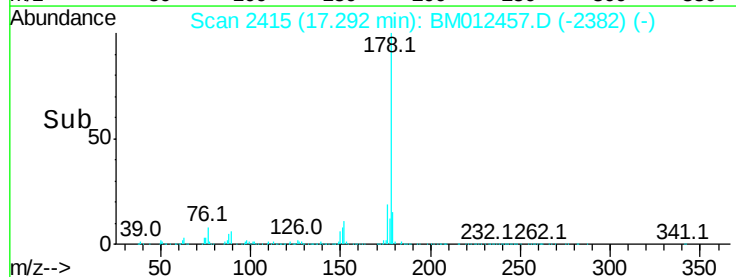
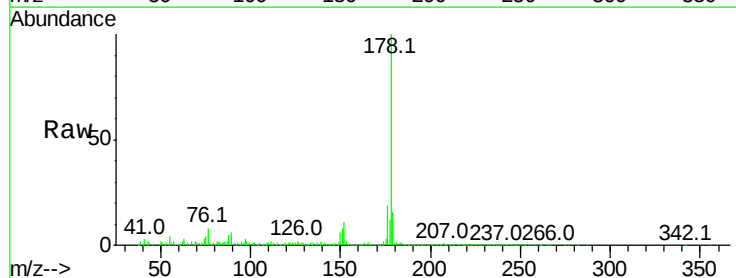
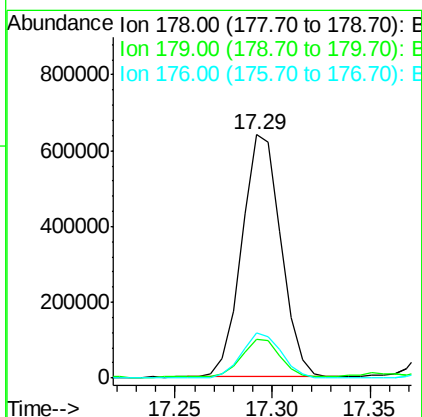
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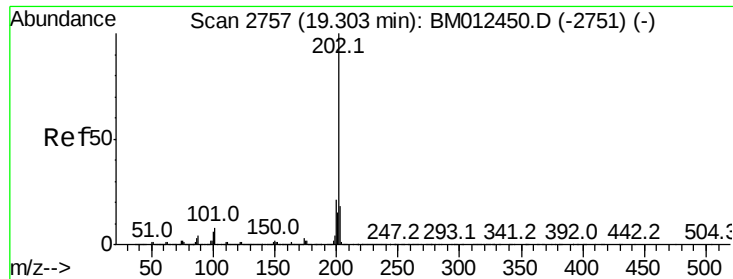
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#69
Phenanthrene
Concen: 3.922 ng/ul
RT: 17.29 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM012457.D
Acq: 25 Oct 2017 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	886095		
179	15.9		12.6	19.0
176	18.7		14.9	22.3





#74

Fluoranthene

Concen: 5.137 ng/ul

RT: 19.30 min Scan# 2757

Delta R.T. 0.00 min

Lab File: BM012457.D

Acq: 25 Oct 2017 23:00

Instrument :

BNA_M

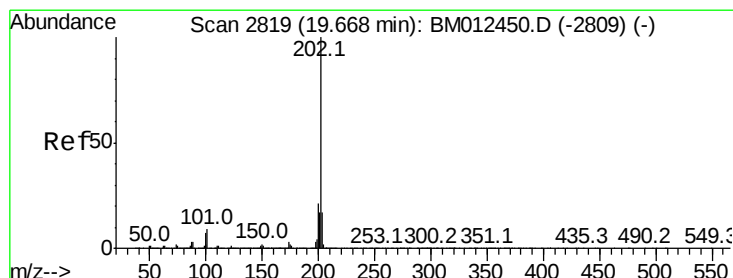
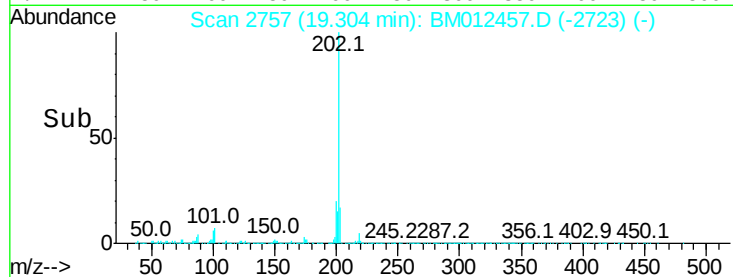
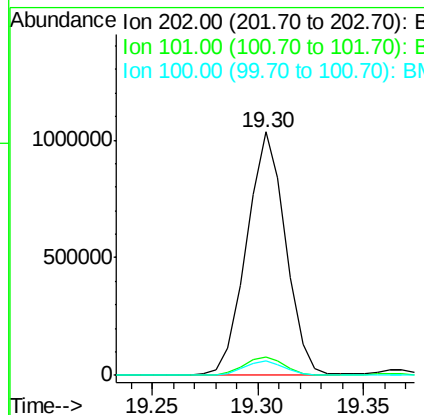
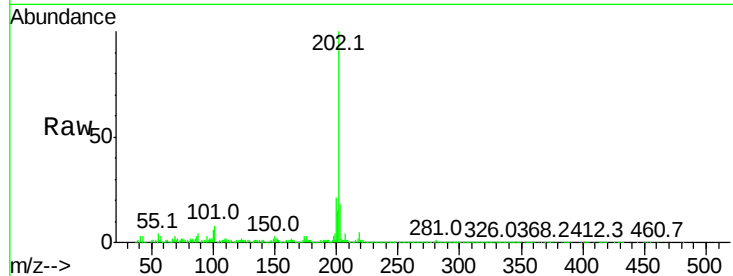
ClientSampleId :

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Tot Ion:	202	Resp:	1314995
Ion Ratio	Lower	Upper	
202	100		
101	7.7	4.6	7.0#
100	6.1	3.4	5.2#

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#77

Pyrene

Concen: 5.926 ng/ul

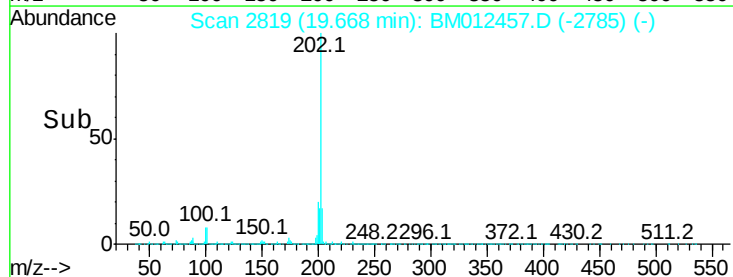
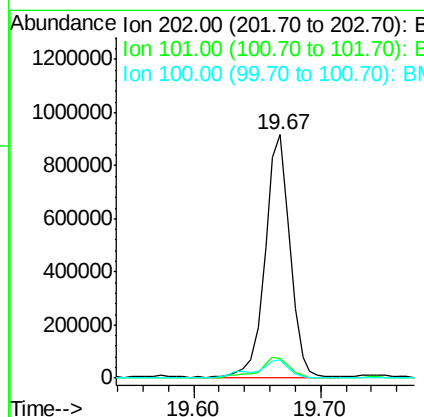
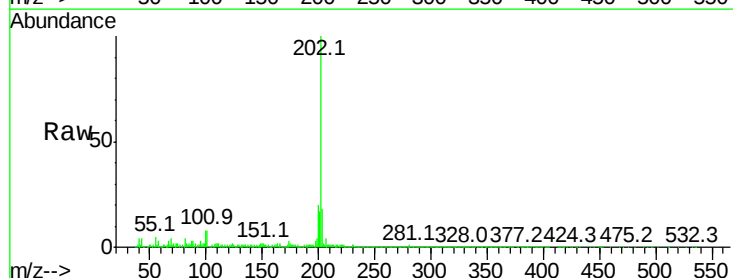
RT: 19.67 min Scan# 2819

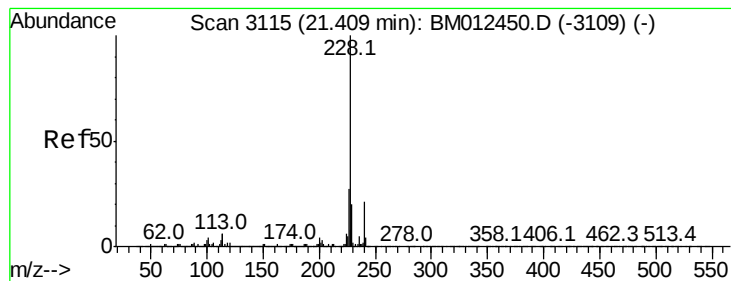
Delta R.T. 0.00 min

Lab File: BM012457.D

Acq: 25 Oct 2017 23:00

Tgt Ion:	202	Resp:	1240925
Ion Ratio	Lower	Upper	
202	100		
101	8.1	5.1	7.7#
100	7.6	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 2.713 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM012457.D

Acq: 25 Oct 2017 23:00

Instrument :

BNA_M

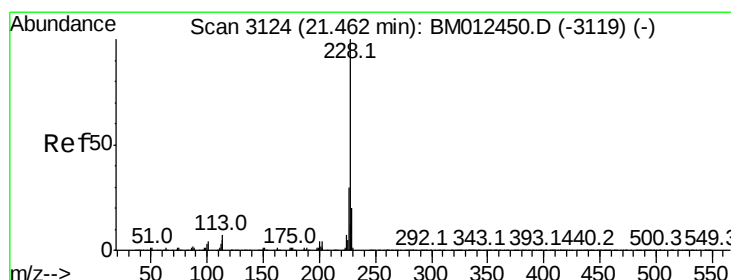
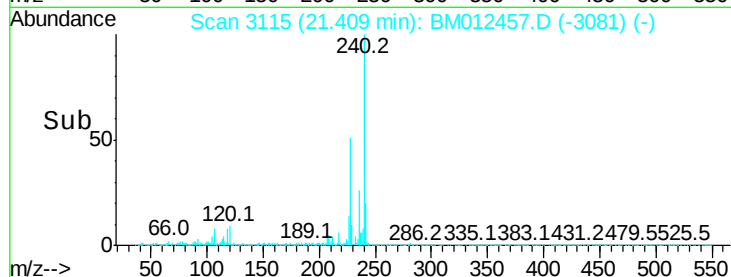
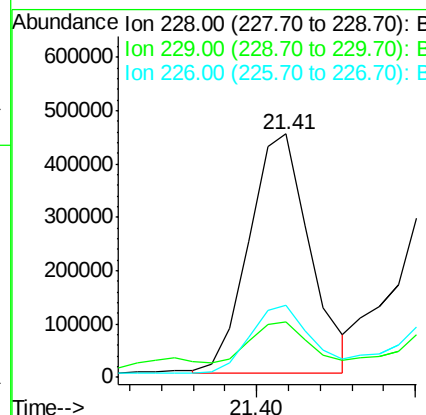
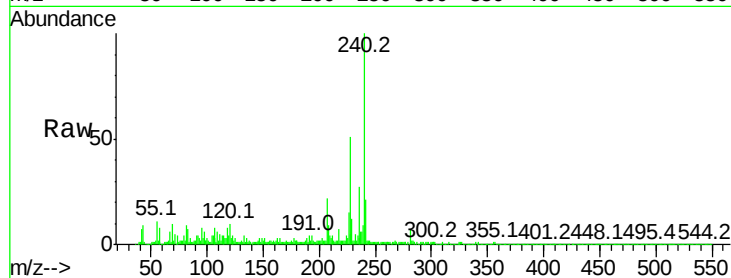
ClientSampleId :

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Tot Ion:	228	Resp:	598274
Ion Ratio	Lower	Upper	
228	100		
229	22.6	15.4	23.0
226	29.4	21.4	32.0

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#82

Chrysene

Concen: 3.270 ng/ul m

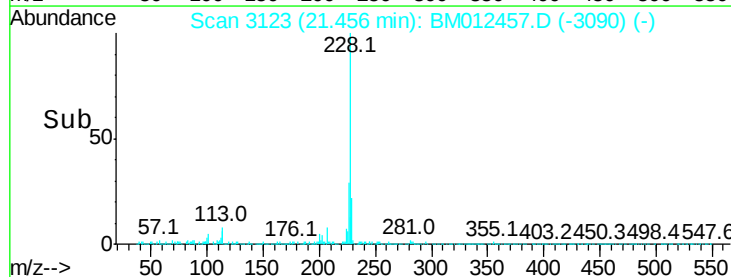
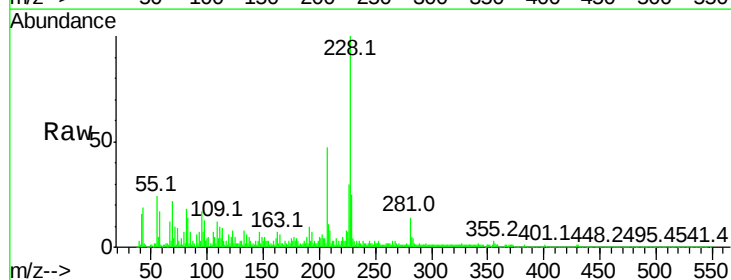
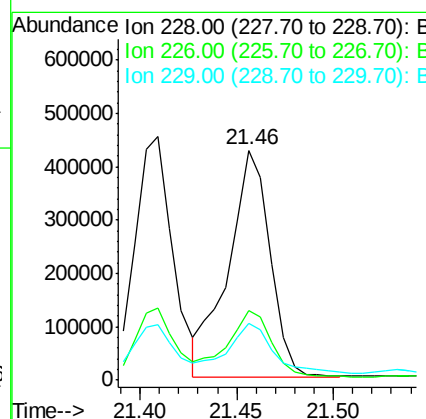
RT: 21.46 min Scan# 3123

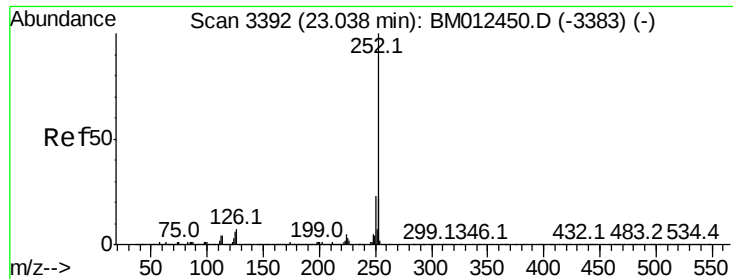
Delta R.T. -0.01 min

Lab File: BM012457.D

Acq: 25 Oct 2017 23:00

Tgt Ion:	228	Resp:	641005
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.2
229	24.6	15.5	23.3#





#85

Benzo(b)fluoranthene

Concen: 3.544 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. 0.00 min

Lab File: BM012457.D

Acq: 25 Oct 2017 23:00

Instrument :

BNA_M

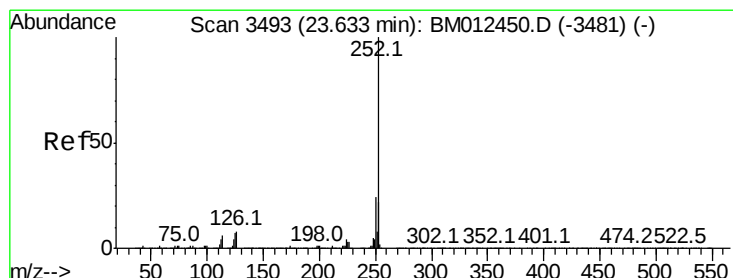
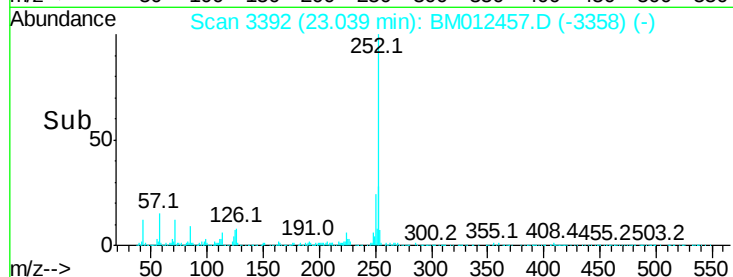
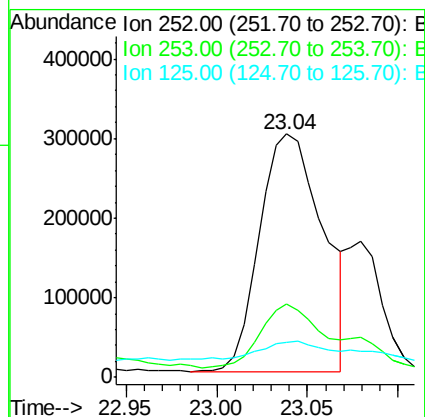
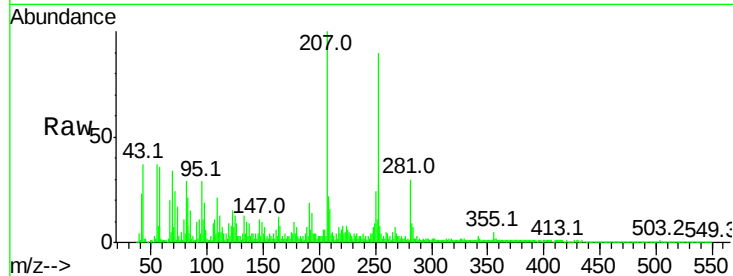
ClientSampleId :

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Tot Ion:	252	Resp:	730428
Ion Ratio	Lower	Upper	
252	100		
253	30.3	17.9	26.9#
125	14.5	3.6	5.4#

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 2.397 ng/ul

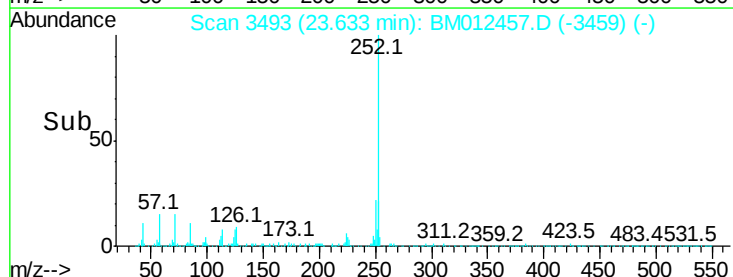
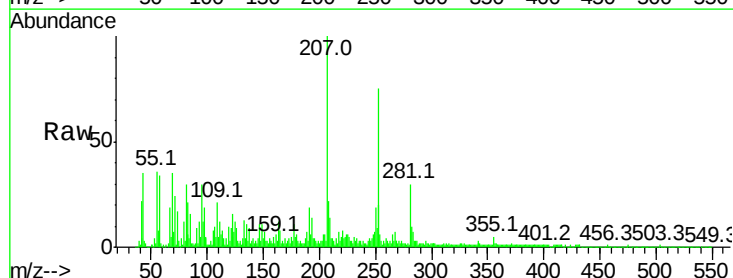
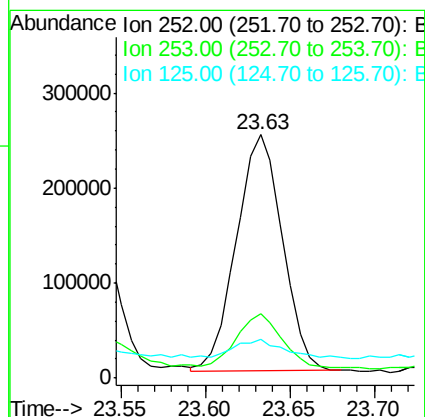
RT: 23.63 min Scan# 3493

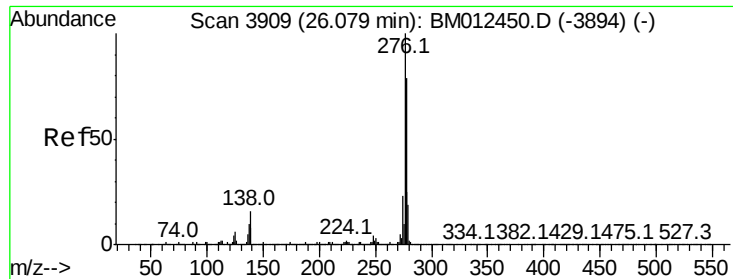
Delta R.T. 0.00 min

Lab File: BM012457.D

Acq: 25 Oct 2017 23:00

Tgt Ion:	252	Resp:	470943
Ion Ratio	Lower	Upper	
252	100		
253	26.5	18.2	27.2
125	16.2	4.0	6.0#





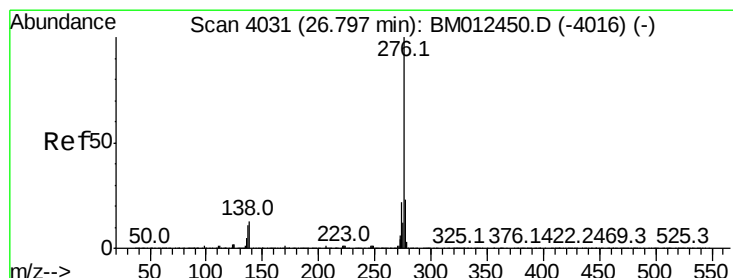
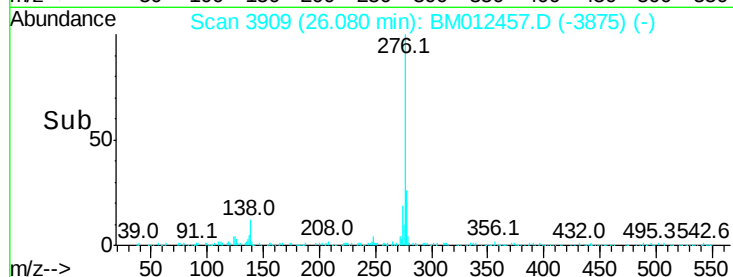
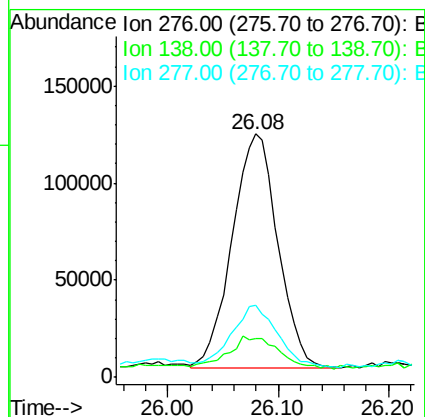
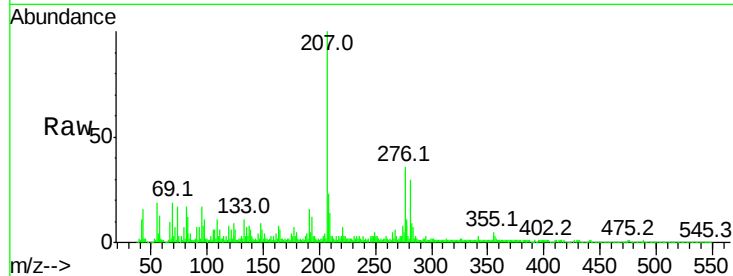
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 1.503 ng/ul
 RT: 26.08 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: BM012457.D
 Acq: 25 Oct 2017 23:00

Instrument :
 BNA_M
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 B-26(5-5.8)-100517

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.1	9.3	13.9#
277	29.4	19.9	29.9

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#91
 Benzo(g,h,i)perylene
 Concen: 1.704 ng/ul
 RT: 26.80 min Scan# 4032
 Delta R.T. 0.01 min
 Lab File: BM012457.D
 Acq: 25 Oct 2017 23:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.6	8.5	12.7#
277	26.0	18.6	28.0

