

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012454.D
 Acq On : 25 Oct 2017 21:11
 Operator : SJ/JU
 Sample : I5719-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-35(1-2)-100417

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:54:07 AM

Quant Time: Oct 26 12:12:02 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	457062	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1908874	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1216275	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	2742973	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2187694	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2198588	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	31761m	3.55	ng/uL	0.00
5) Phenol-d5	7.05	99	637679	16.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	458197	20.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	505972	17.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	443264	13.58	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	314580	26.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	256419	20.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	512748	15.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	803175	23.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	2034082	19.14	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2436334	19.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	7600	0.48	ng/ul	0.00
57) Fluorene-d10	15.50	176	1749324	19.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	3404	0.26	ng/ul	0.00
70) Anthracene-d10	17.35	188	2545914	19.48	ng/ul	0.00
76) Pyrene-d10	19.64	212	2459798	24.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1992373	19.07	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	7.08	94	212011	5.333	ng/ul# 85
28) Naphthalene	10.73	128	475901	5.028	ng/ul# 93
34) 2-Methylnaphthalene	12.33	142	130210	1.694	ng/ul 97
44) Dimethylphthalate	13.97	163	954604m	9.083	ng/ul
69) Phenanthrene	17.30	178	413065	2.785	ng/ul 100
74) Fluoranthene	19.30	202	544265	3.238	ng/ul# 94
77) Pyrene	19.67	202	495706	3.985	ng/ul# 95
80) Benzo(a)anthracene	21.41	228	301324	2.300	ng/ul# 89
82) Chrysene	21.46	228	339081	2.911	ng/ul# 88
85) Benzo(b)fluoranthene	23.04	252	481571	3.543	ng/ul# 85
88) Benzo(a)pyrene	23.63	252	336996	2.601	ng/ul# 84
89) Indeno(1,2,3-cd)pyrene	26.07	276	285373	1.871	ng/ul# 95
91) Benzo(g,h,i)perylene	26.80	276	265176	2.145	ng/ul# 90

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

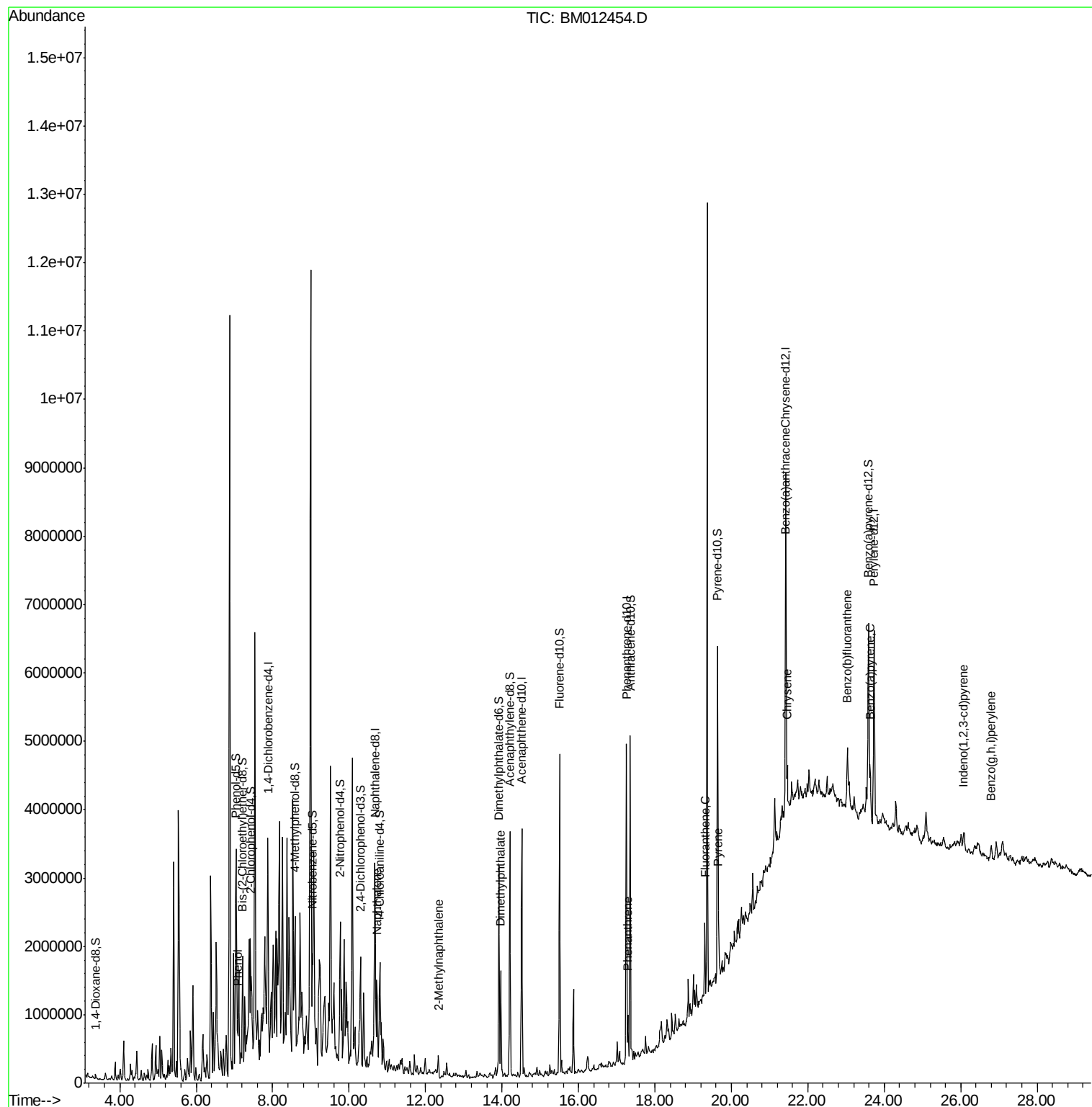
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012454.D
Acq On : 25 Oct 2017 21:11
Operator : SJ/JU
Sample : I5719-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

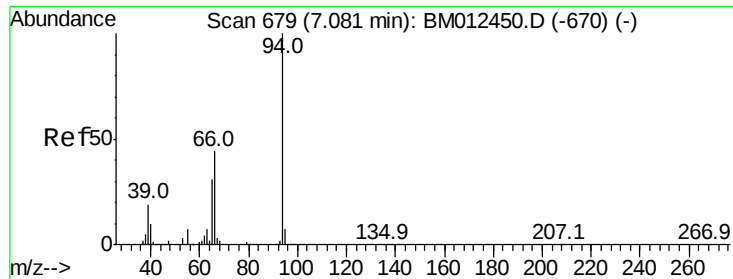
Instrument :
BNA_M
ClientSampled :
B-35(1-2)-100417

Manual Integrations
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Quant Time: Oct 26 12:12:02 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: 5.333 ng/ul

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM012454.D

Acq: 25 Oct 2017 21:11

Instrument :

BNA_M

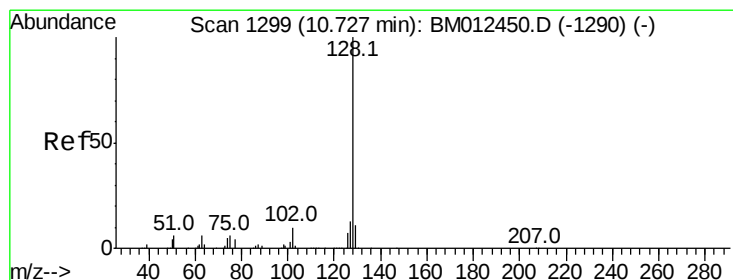
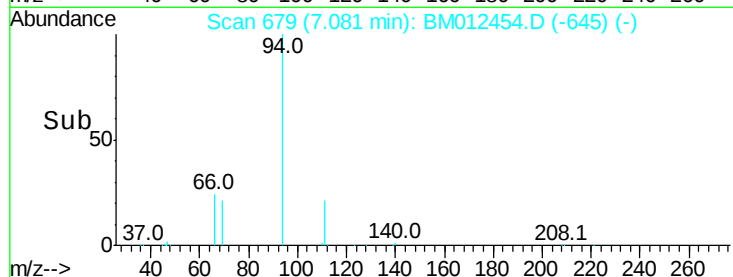
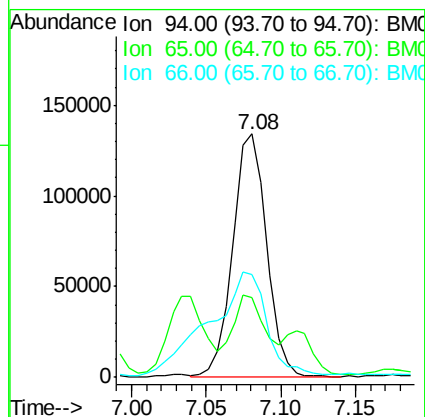
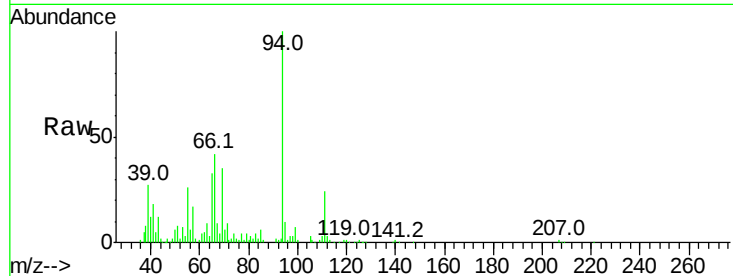
ClientSampleId :

B-35(1-2)-100417

Tot Ion	Ratio	Lower	Upper
94	100		
65	32.9	28.2	42.4
66	42.5	47.2	70.8#

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#28

Naphthalene

Concen: 5.028 ng/ul

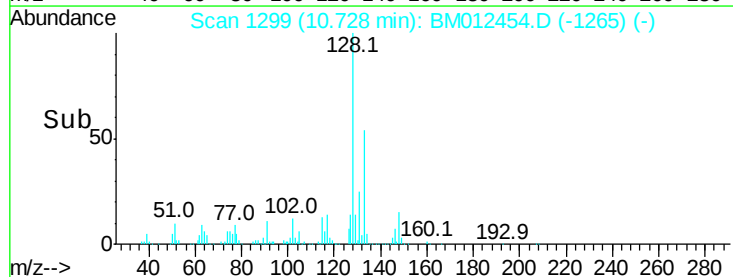
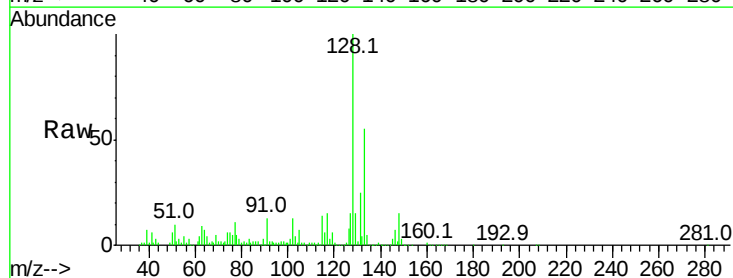
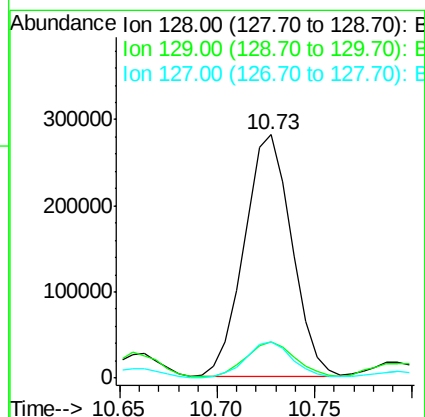
RT: 10.73 min Scan# 1299

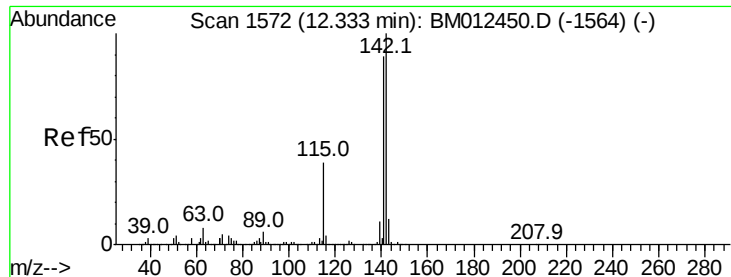
Delta R.T. 0.00 min

Lab File: BM012454.D

Acq: 25 Oct 2017 21:11

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.9	8.8	13.2#
127	14.8	10.6	16.0





#34

2-Methylnaphthalene

Concen: 1.694 ng/ul

RT: 12.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BM012454.D

Acq: 25 Oct 2017 21:11

Instrument :

BNA_M

ClientSampleId :

B-35(1-2)-100417

Tot Ion:142 Resp: 130210

Ion Ratio Lower Upper

142 100

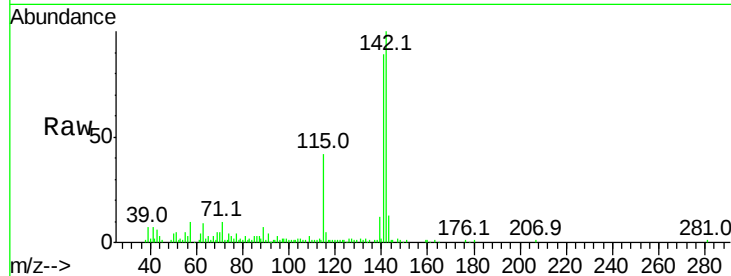
141 89.4 74.1 111.1

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

100000

80000

60000

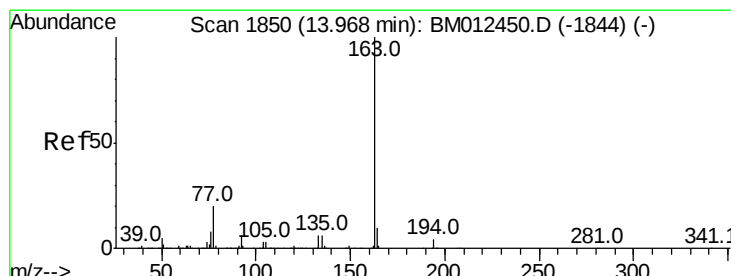
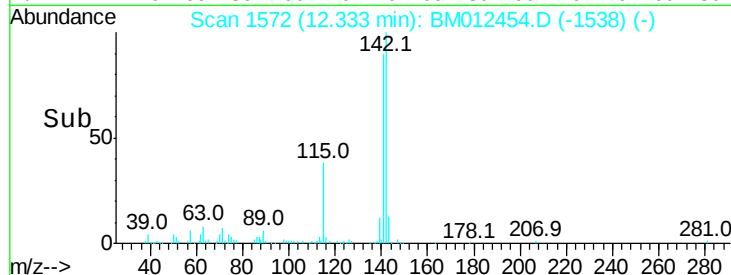
40000

20000

0

12.30 12.35 12.40

Time-->



#44

Dimethylphthalate

Concen: 9.083 ng/ul m

RT: 13.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BM012454.D

Acq: 25 Oct 2017 21:11

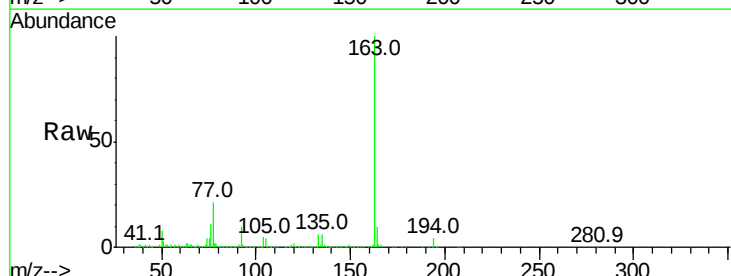
Tgt Ion:163 Resp: 954604

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

800000

600000

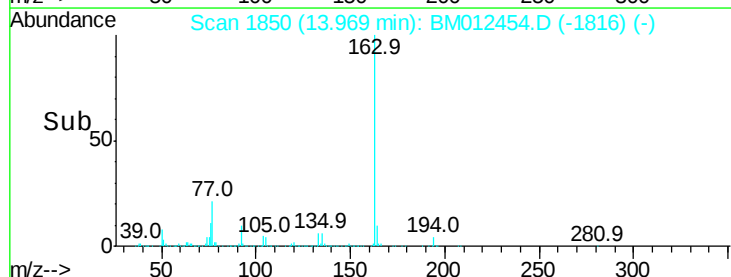
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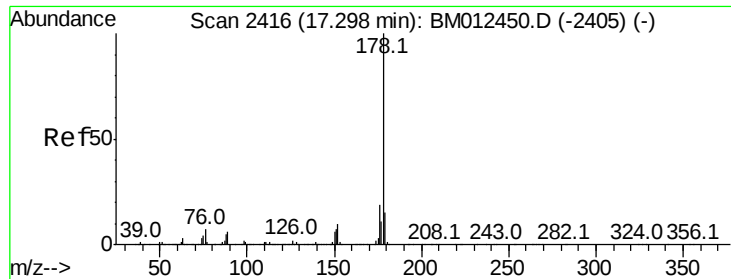
200000

0

13.90 13.95 14.00 14.05

Time-->





#69

Phenanthrene

Concen: 2.785 ng/ul

RT: 17.30 min Scan# 2416

Delta R.T. 0.00 min

Lab File: BM012454.D

Acq: 25 Oct 2017 21:11

Instrument :

BNA_M

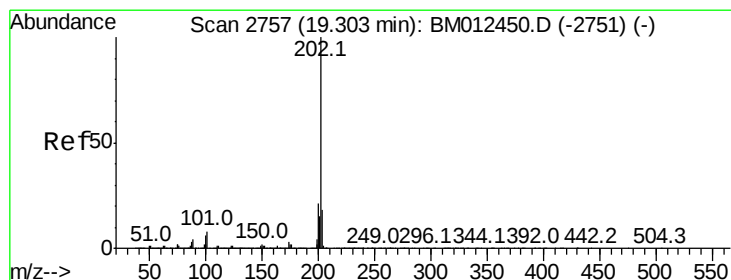
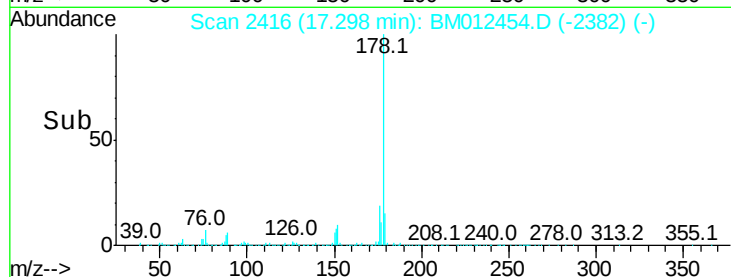
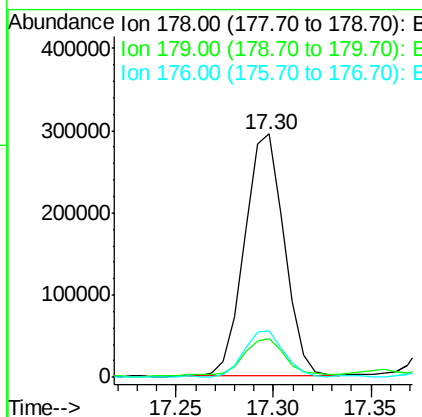
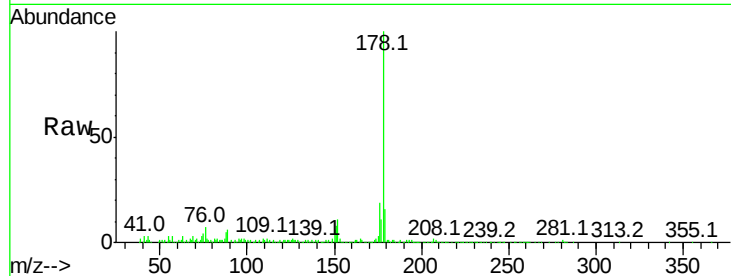
ClientSampleId :

B-35(1-2)-100417

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	18.8	14.9	22.3

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#74

Fluoranthene

Concen: 3.238 ng/ul

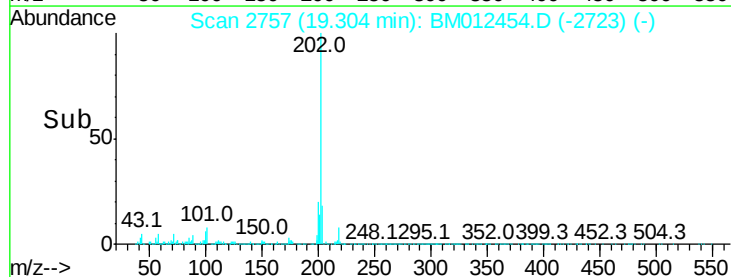
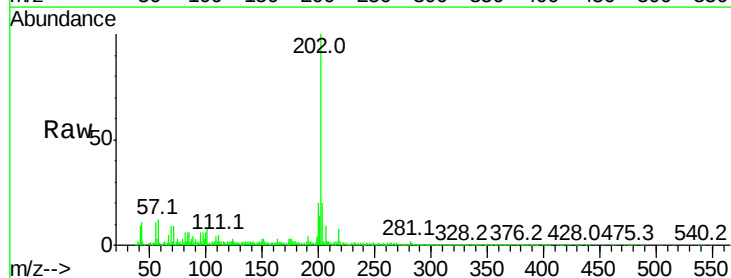
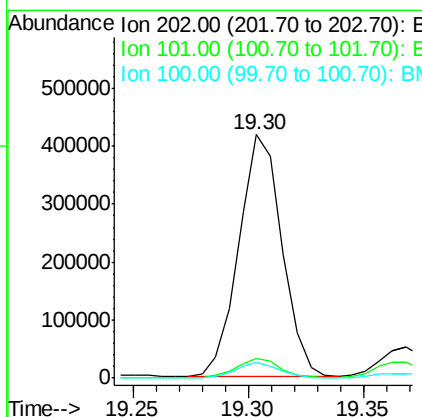
RT: 19.30 min Scan# 2757

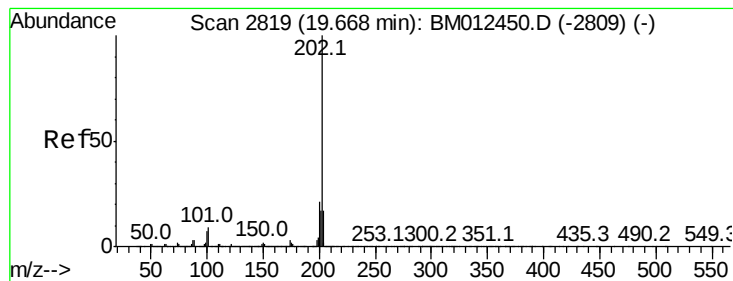
Delta R.T. 0.00 min

Lab File: BM012454.D

Acq: 25 Oct 2017 21:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	4.6	7.0#
100	6.3	3.4	5.2#





#77

Pvrene

Concen: 3.985 ng/ul

RT: 19.67 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BM012454.D

Acq: 25 Oct 2017 21:11

Instrument :

BNA_M

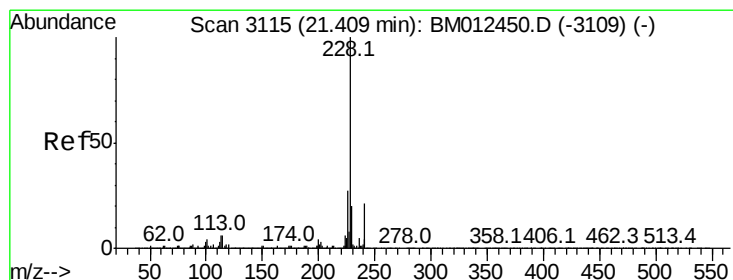
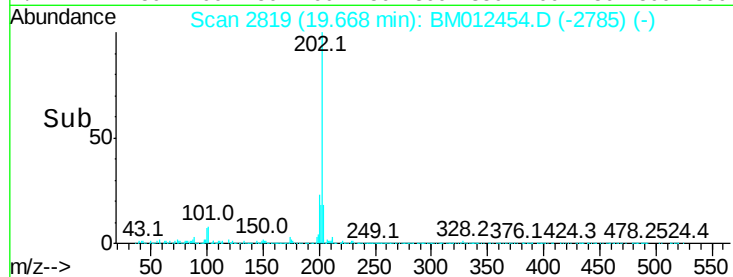
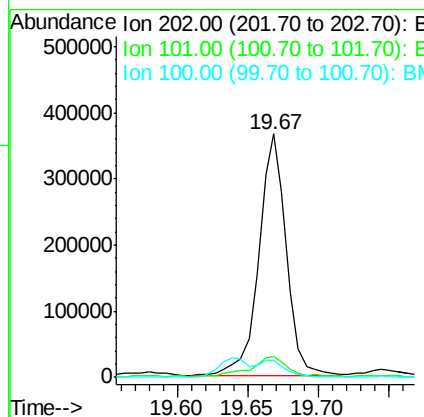
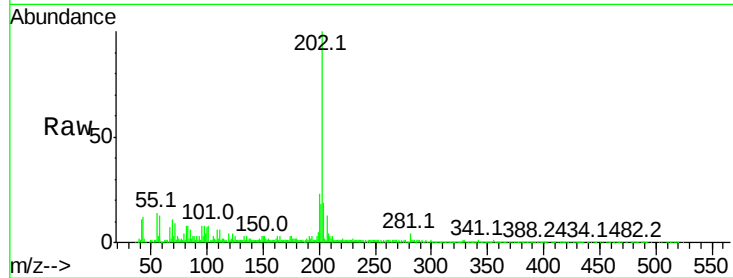
ClientSampleId :

B-35(1-2)-100417

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.4	5.1	7.7#
100	7.2	4.9	7.3

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#80

Benzo(a)anthracene

Concen: 2.300 ng/ul

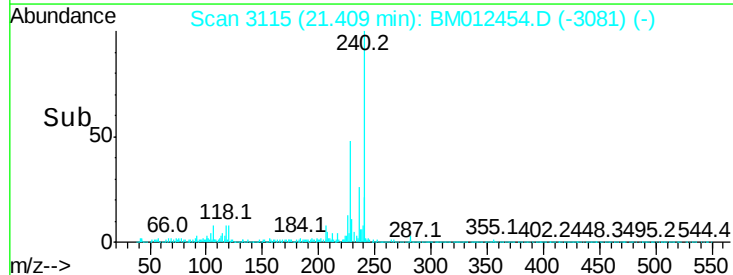
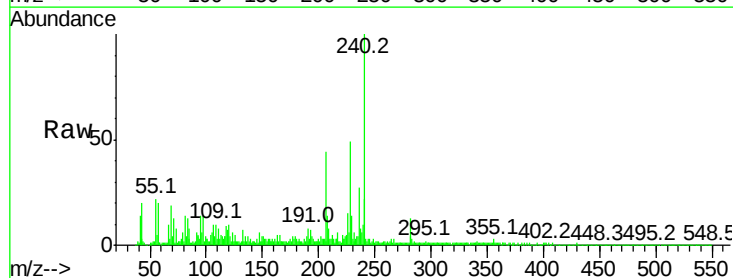
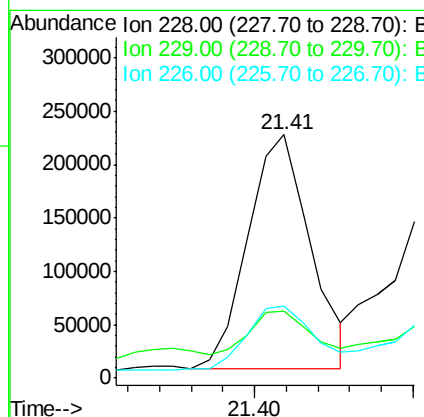
RT: 21.41 min Scan# 3115

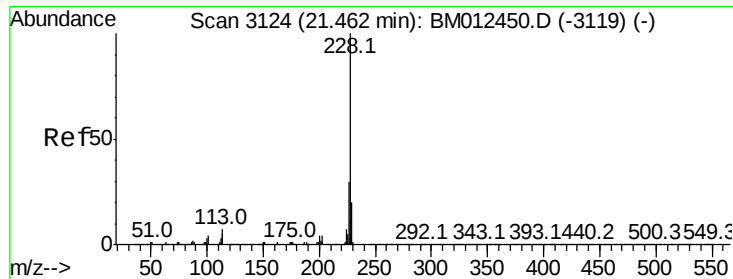
Delta R.T. 0.00 min

Lab File: BM012454.D

Acq: 25 Oct 2017 21:11

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	27.7	15.4	23.0#
226	29.8	21.4	32.0





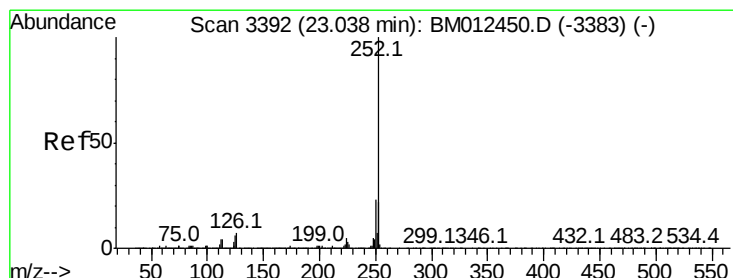
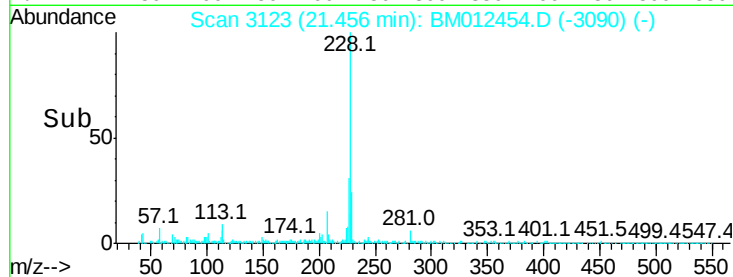
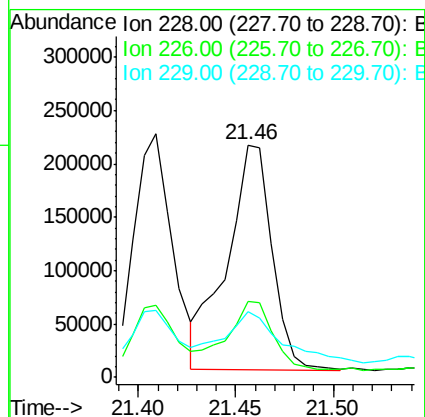
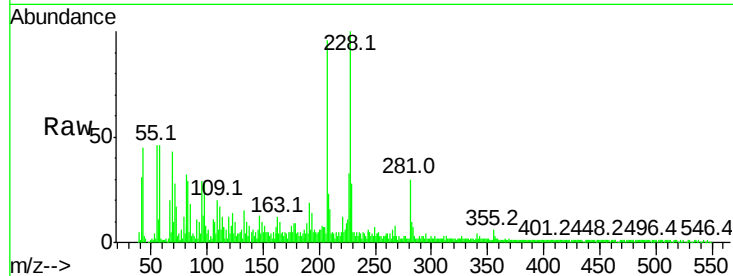
#82
Chrysene
Concen: 2.911 ng/ul
RT: 21.46 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Instrument :
BNA_M
ClientSampleId :
B-35(1-2)-100417

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	32.7	23.4	35.2	
229	28.4	15.5	23.3#	

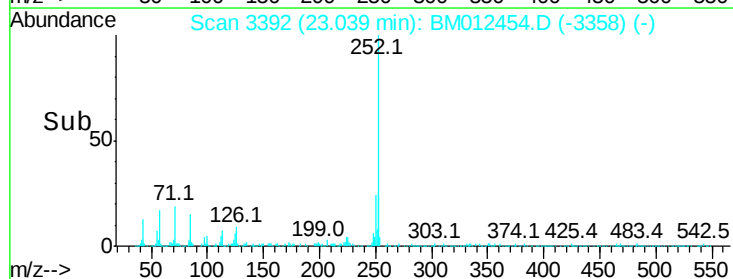
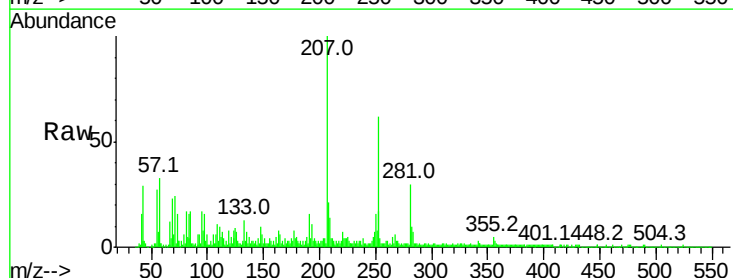
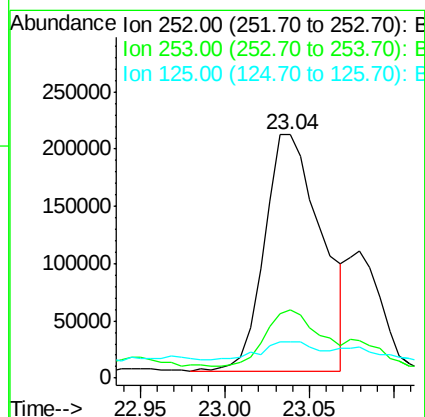
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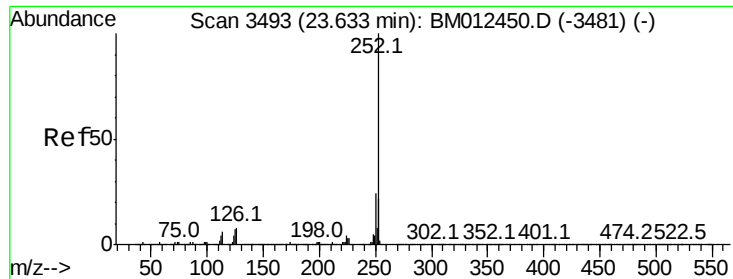
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#85
Benzo(b)fluoranthene
Concen: 3.543 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. 0.00 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	28.2	17.9	26.9#	
125	14.7	3.6	5.4#	





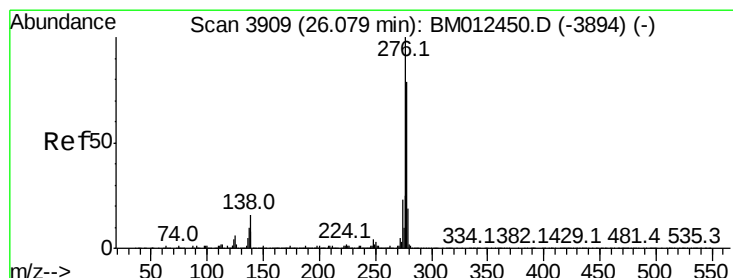
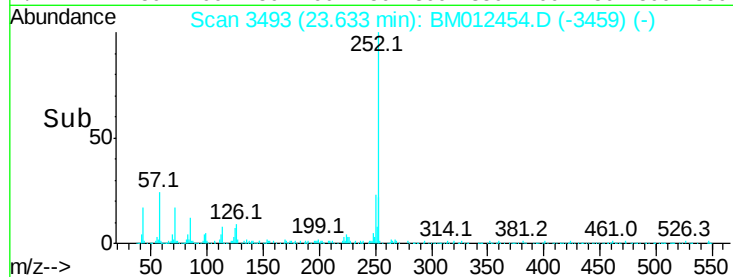
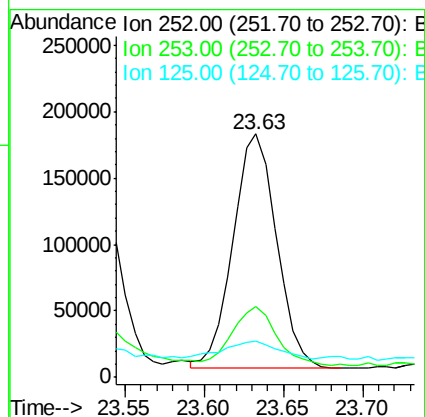
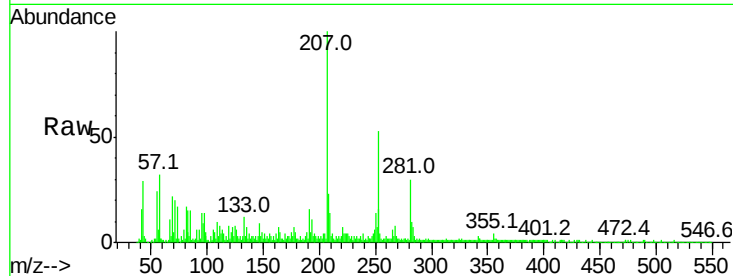
#88
Benzo(a)pyrene
Concen: 2.601 ng/ul
RT: 23.63 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Instrument :
BNA_M
ClientSampleId :
B-35(1-2)-100417

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	29.1	18.2	27.2#
125	15.1	4.0	6.0#

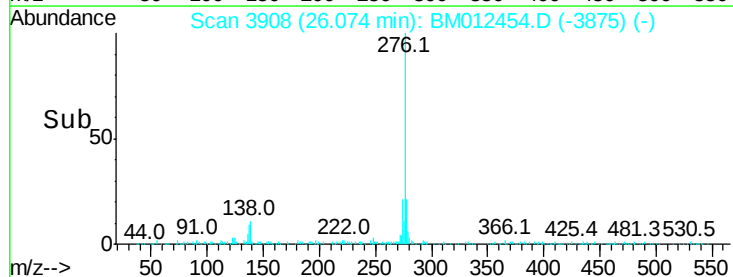
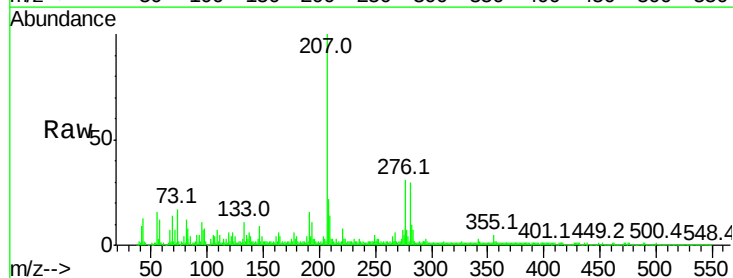
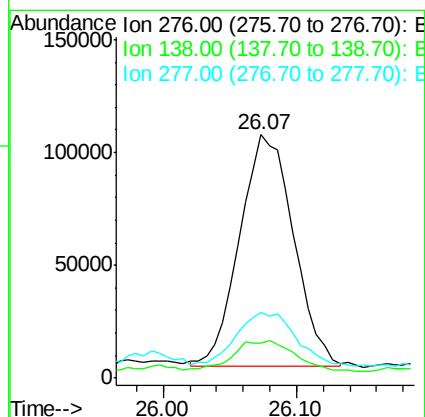
Manual Integrations
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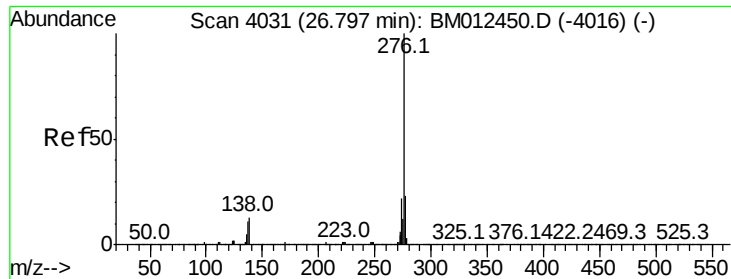
Sohil
10/27/2017 8:54:07 AM



#89
Indeno(1,2,3-cd)pyrene
Concen: 1.871 ng/ul
RT: 26.07 min Scan# 3908
Delta R.T. -0.01 min
Lab File: BM012454.D
Acq: 25 Oct 2017 21:11

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	14.3	9.3	13.9#
277	27.1	19.9	29.9





#91

Benzo(a,h,i)perylene

Concen: 2.145 ng/ul

RT: 26.80 min Scan# 4031

Delta R.T. 0.00 min

Lab File: BM012454.D

Acq: 25 Oct 2017 21:11

Instrument :

BNA_M

ClientSampleId :

B-35(1-2)-100417

Tot Ion:	276	Resp:	265176
Ion Ratio	Lower	Upper	
276	100		
138	14.5	8.5	12.7#
277	28.4	18.6	28.0#

Manual Integrations
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