

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
 Data File : BM011933.D
 Acq On : 05 Oct 2017 20:08
 Operator : SJ/JU
 Sample : I5449-02 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-40(0-1)-092617

Manual Integrations
 APPROVED

Sohil
 10/6/2017 5:37:01 PM

Quant Time: Oct 12 05:16:15 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 06 04:40:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	291426	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1088971	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	551212	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.26	188	1124718	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1205252	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1318178	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	6052	0.98	ng/uL	0.00
5) Phenol-d5	7.03	99	97770	3.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	63724	4.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	91919	4.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	79778	3.68	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	39799	5.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	46265	5.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	86033	4.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.84	131	26936	1.40	ng/ul	0.03
43) Dimethylphthalate-d6	13.92	166	238838	5.00	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	289711	5.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	18780	2.25	ng/ul	0.02
57) Fluorene-d10	15.50	176	200343	4.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	26494	3.50	ng/ul	0.00
70) Anthracene-d10	17.36	188	297137	5.36	ng/ul	0.00
76) Pyrene-d10	19.64	212	323281	5.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	327247	5.16	ng/ul	0.00
Target Compounds						
69) Phenanthrene	17.30	178	247791	4.005	ng/ul	99
74) Fluoranthene	19.31	202	386012	5.114	ng/ul#	88
77) Pyrene	19.67	202	368758	5.518	ng/ul#	91
78) Butylbenzylphthalate	20.56	149	629693	24.054	ng/ul	90
80) Benzo(a)anthracene	21.41	228	199506	2.889	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.33	149	831390	21.348	ng/ul	99
82) Chrysene	21.46	228	285285	4.349	ng/ul	93
85) Benzo(b)fluoranthene	23.05	252	376418	4.698	ng/ul#	93
86) Benzo(k)fluoranthene	23.09	252	137340m	1.717	ng/ul	
88) Benzo(a)pyrene	23.65	252	128770	1.673	ng/ul#	86
89) Indeno(1,2,3-cd)pyrene	26.13	276	190619	2.314	ng/ul#	91
91) Benzo(g,h,i)perylene	26.87	276	188276	2.763	ng/ul#	88

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

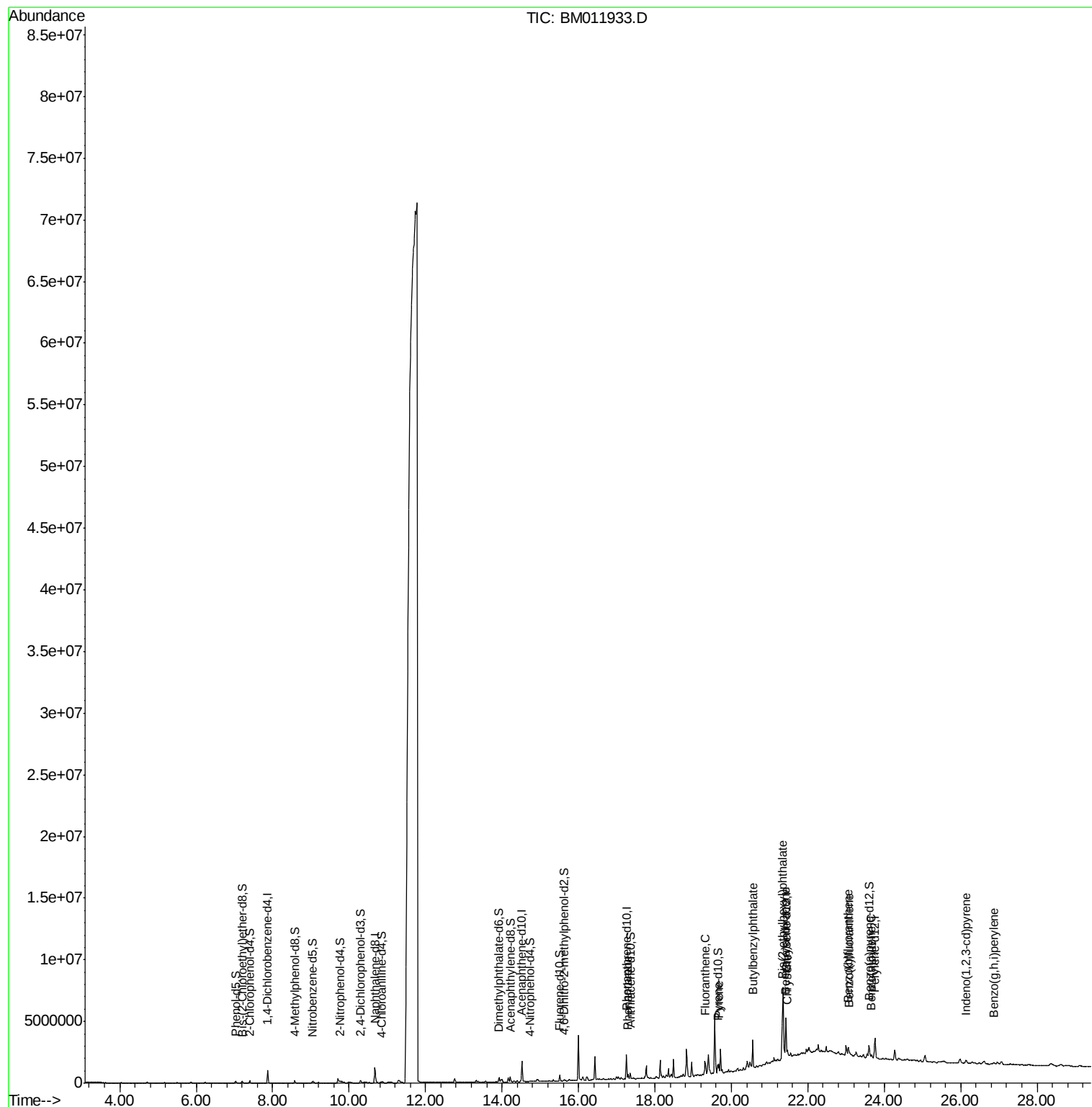
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
Data File : BM011933.D
Acq On : 05 Oct 2017 20:08
Operator : SJ/JU
Sample : I5449-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

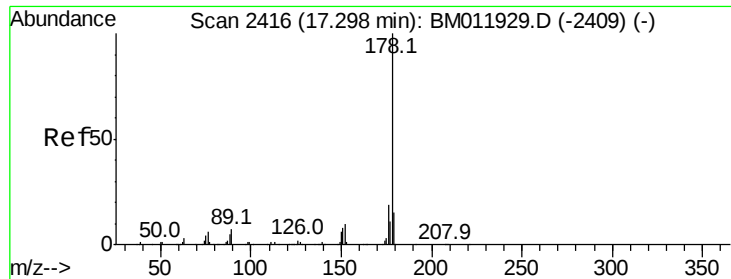
Instrument :
BNA_M
ClientSampleId :
B-40(0-1)-092617

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Quant Time: Oct 12 05:16:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 06 04:40:59 2017
Response via : Initial Calibration





#69

Phenanthrene

Concen: 4.005 ng/ul

RT: 17.30 min Scan# 2416

Delta R.T. 0.00 min

Lab File: BM011933.D

Acq: 05 Oct 2017 20:08

Instrument :

BNA_M

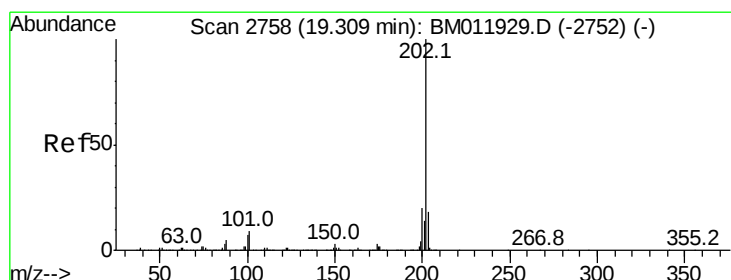
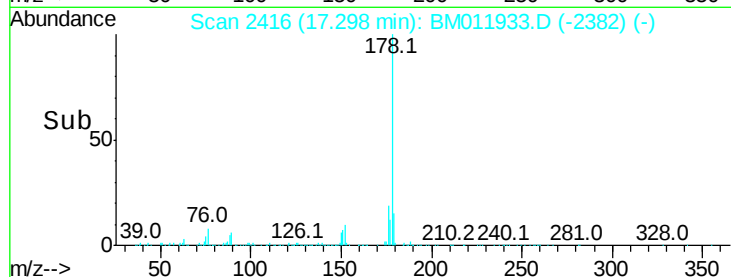
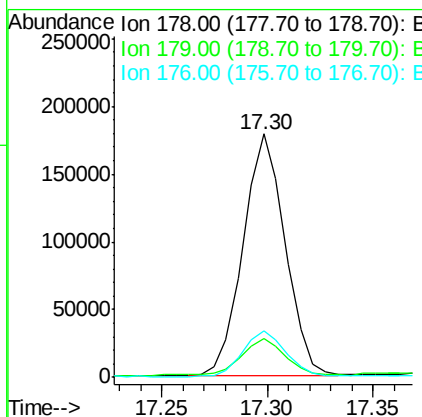
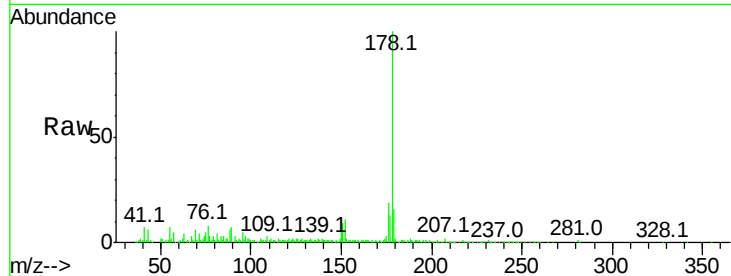
ClientSampleId :

B-40(0-1)-092617

Tot Ion	Ratio	Resp	Lower	Upper
178	100	247791		
179	16.1	12.6	19.0	
176	18.9	14.9	22.3	

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#74

Fluoranthene

Concen: 5.114 ng/ul

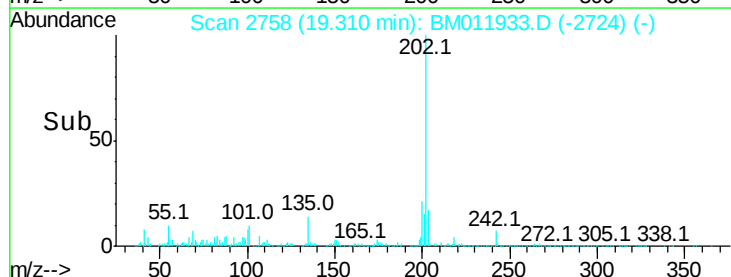
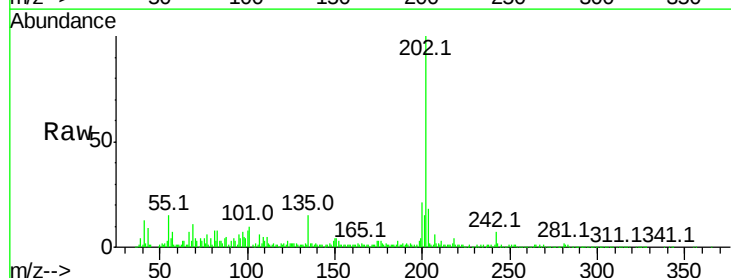
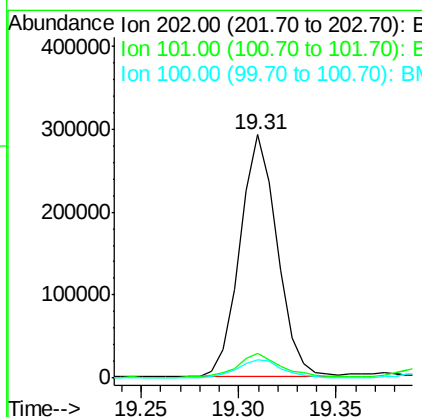
RT: 19.31 min Scan# 2758

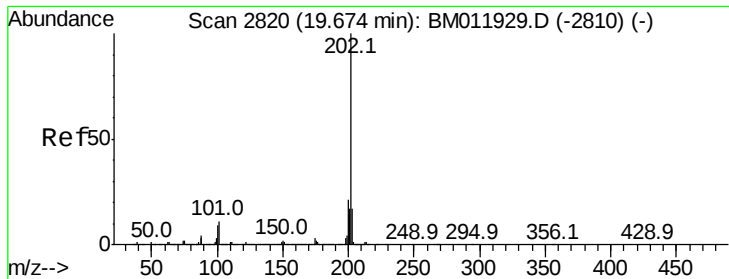
Delta R.T. 0.00 min

Lab File: BM011933.D

Acq: 05 Oct 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	386012		
101	10.1	4.6	7.0#	
100	7.8	3.4	5.2#	





#77

Pvrene

Concen: 5.518 ng/ul

RT: 19.67 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BM011933.D

Acq: 05 Oct 2017 20:08

Instrument :

BNA_M

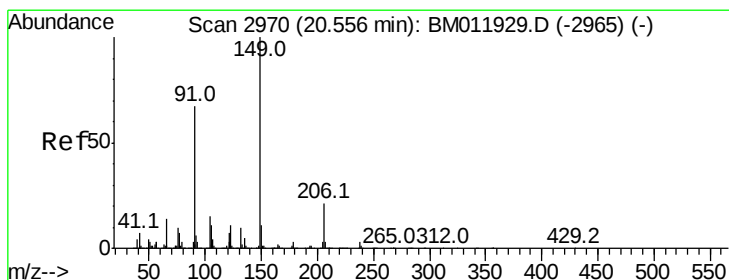
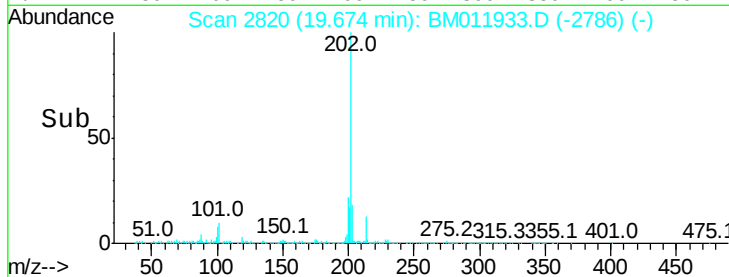
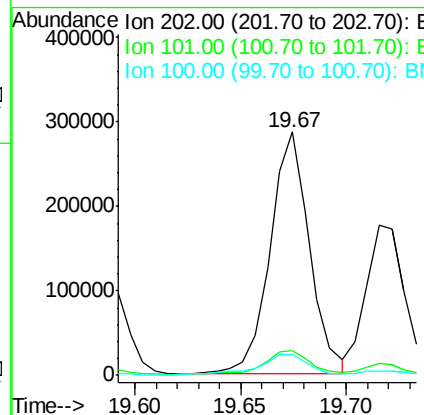
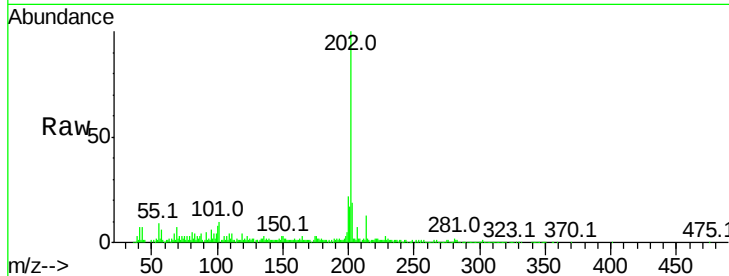
ClientSampleId :

B-40(0-1)-092617

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	5.1	7.7#
100	8.4	4.9	7.3#

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#78

Butylbenzylphthalate

Concen: 24.054 ng/ul

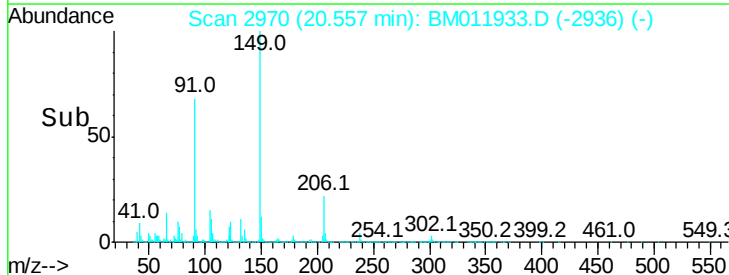
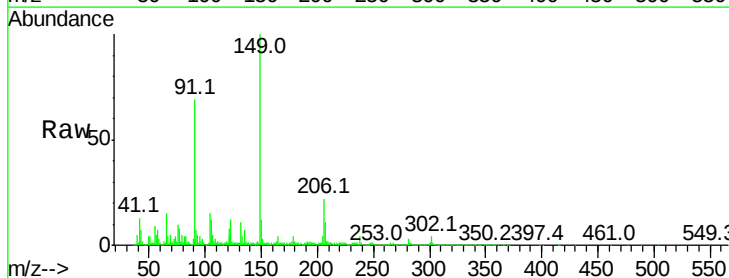
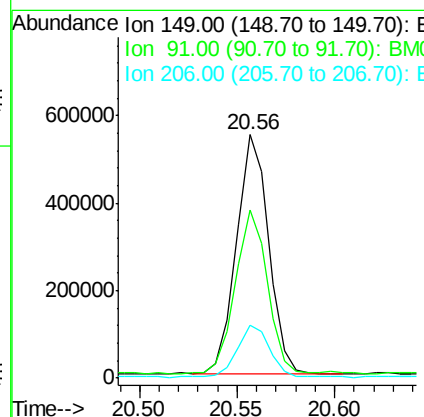
RT: 20.56 min Scan# 2970

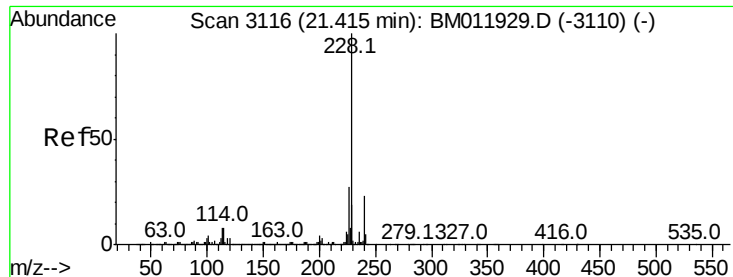
Delta R.T. 0.00 min

Lab File: BM011933.D

Acq: 05 Oct 2017 20:08

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	68.8	62.7	94.1
206	21.8	20.8	31.2





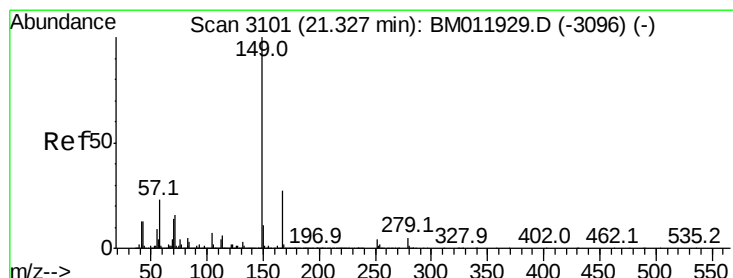
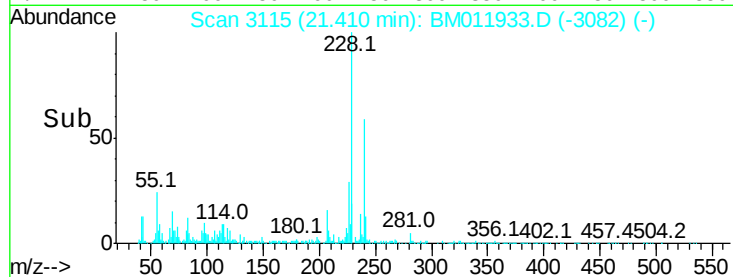
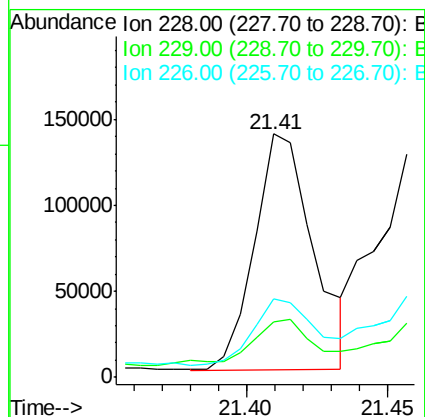
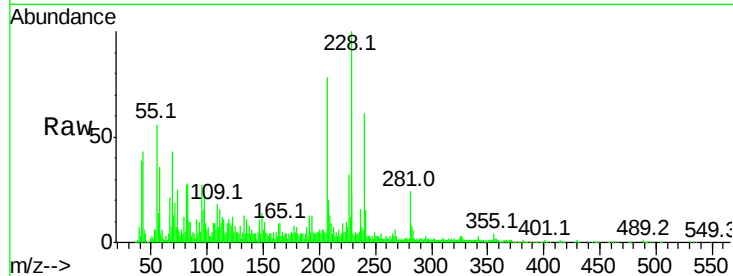
#80
Benzo(a)anthracene
Concen: 2.889 ng/ul
RT: 21.41 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM011933.D
Acq: 05 Oct 2017 20:08

Instrument :
BNA_M
ClientSampleId :
B-40(0-1)-092617

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.4	23.0
226	32.1	21.4	32.0#

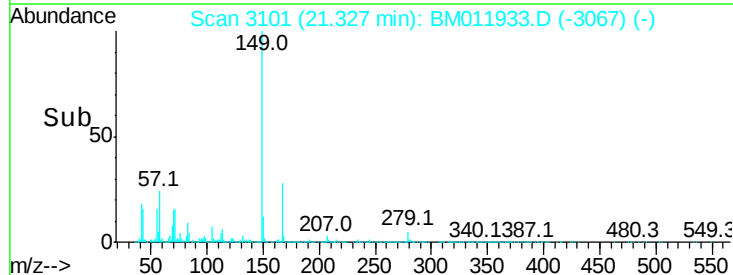
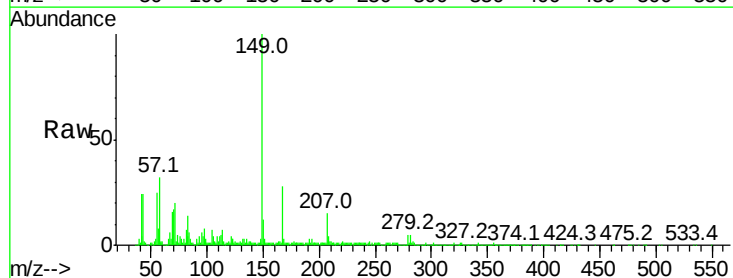
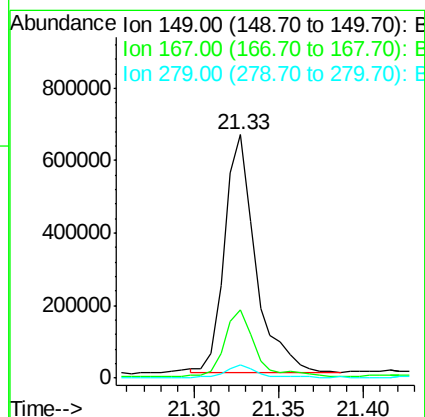
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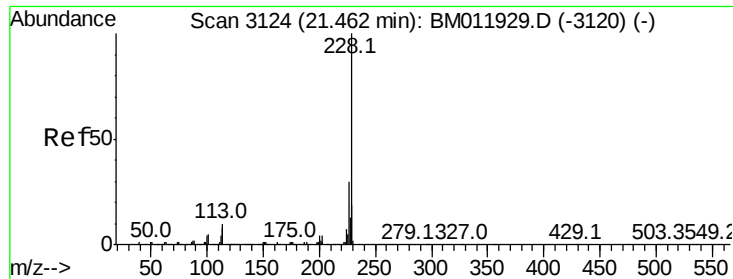
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#81
Bis(2-ethylhexyl)phthalate
Concen: 21.348 ng/ul
RT: 21.33 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM011933.D
Acq: 05 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.8	34.2
279	5.3	4.9	7.3





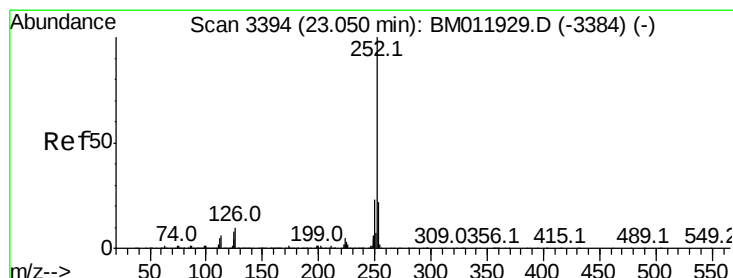
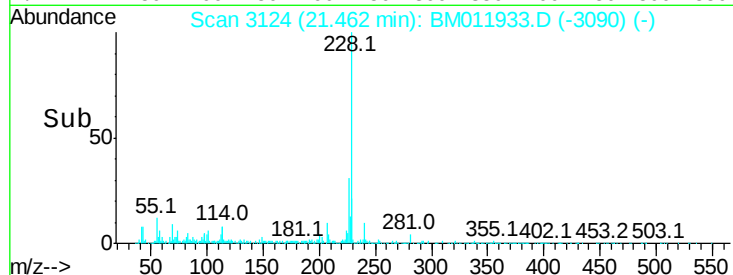
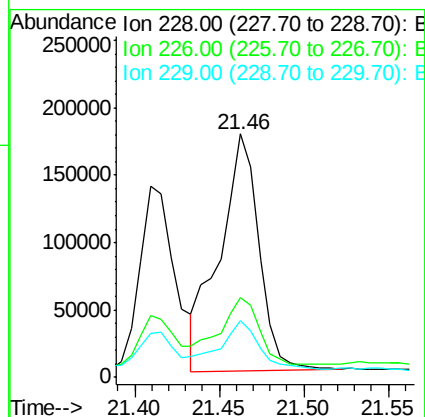
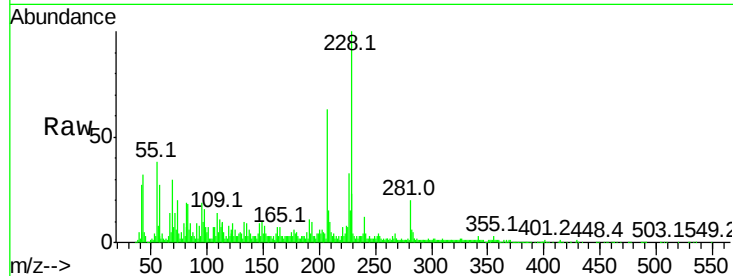
#82
Chrysene
Concen: 4.349 ng/ul
RT: 21.46 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BM011933.D
Acq: 05 Oct 2017 20:08

Instrument :
BNA_M
ClientSampleId :
B-40(0-1)-092617

Tot Ion	Ratio	Resp	Lower	Upper
228	100	285285		
226	32.9		23.4	35.2
229	23.1		15.5	23.3

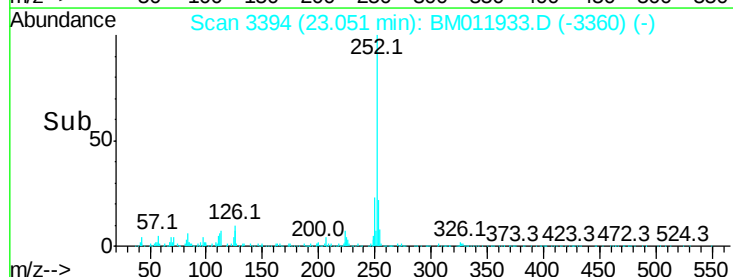
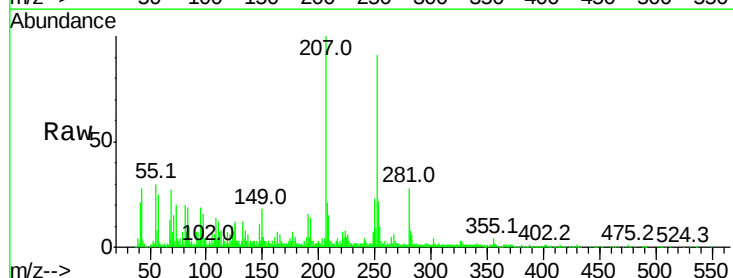
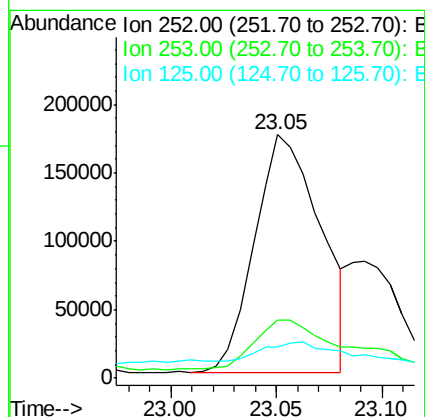
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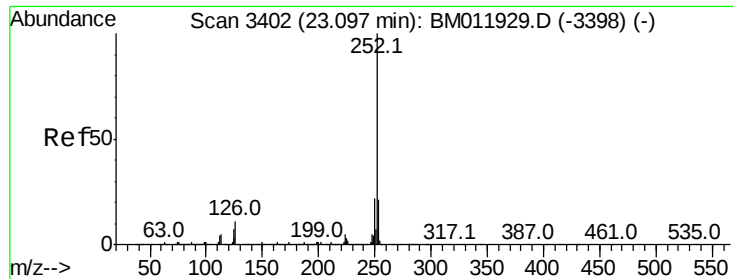
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#85
Benzo(b)fluoranthene
Concen: 4.698 ng/ul
RT: 23.05 min Scan# 3394
Delta R.T. 0.00 min
Lab File: BM011933.D
Acq: 05 Oct 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	376418		
253	23.9		17.9	26.9
125	13.0		3.6	5.4





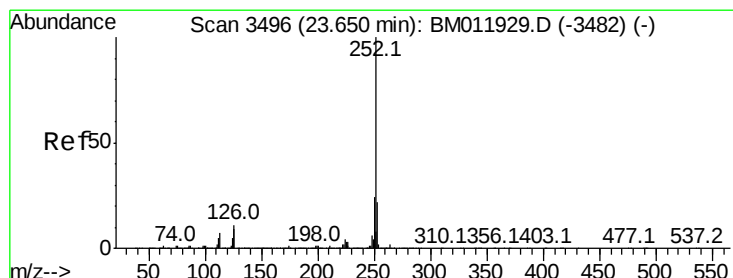
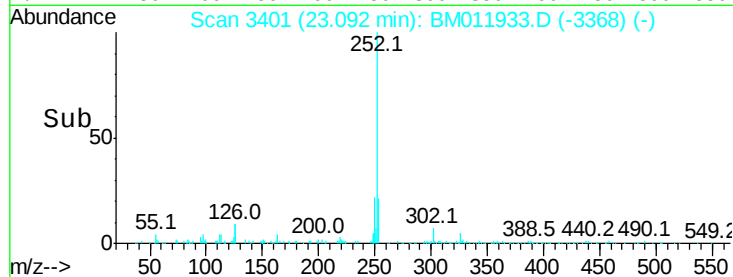
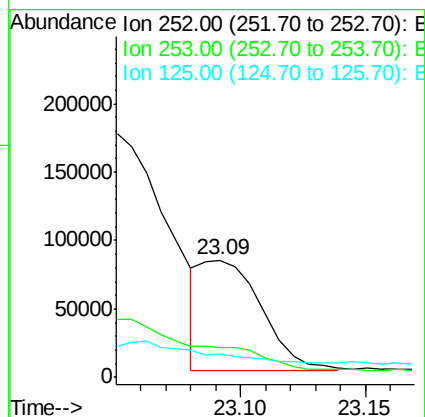
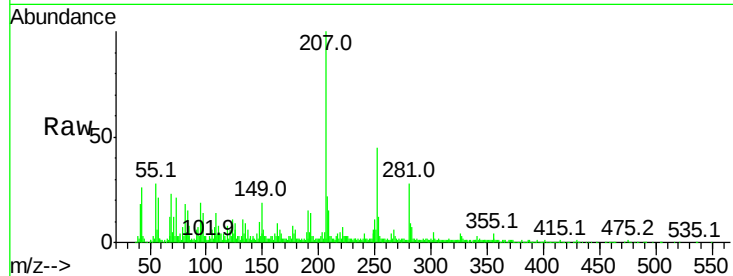
#86
Benzo(k)fluoranthene
Concen: 1.717 ng/ul m
RT: 23.09 min Scan# 3401
Delta R.T. -0.01 min
Lab File: BM011933.D
Acq: 05 Oct 2017 20:08

Instrument :
BNA_M
ClientSampleId :
B-40(0-1)-092617

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.1	25.7#
125	19.6	3.4	5.2#

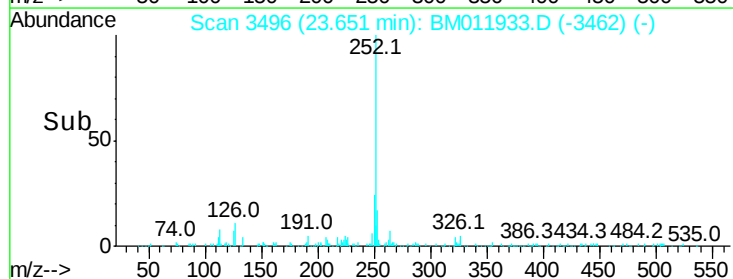
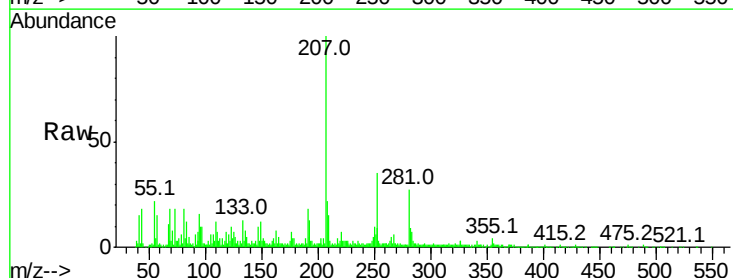
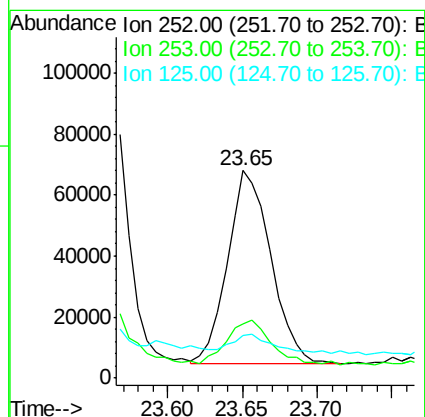
Manual Integrations
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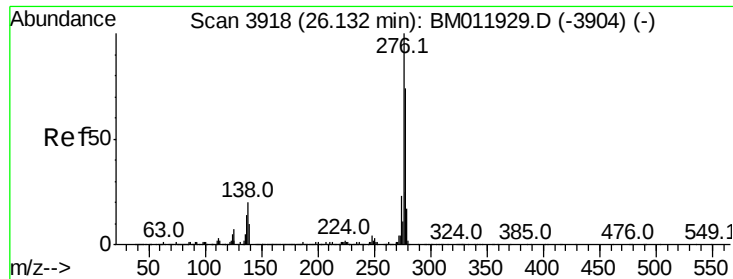
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#88
Benzo(a)pyrene
Concen: 1.673 ng/ul
RT: 23.65 min Scan# 3496
Delta R.T. 0.00 min
Lab File: BM011933.D
Acq: 05 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.2	27.2
125	20.4	4.0	6.0#





#89

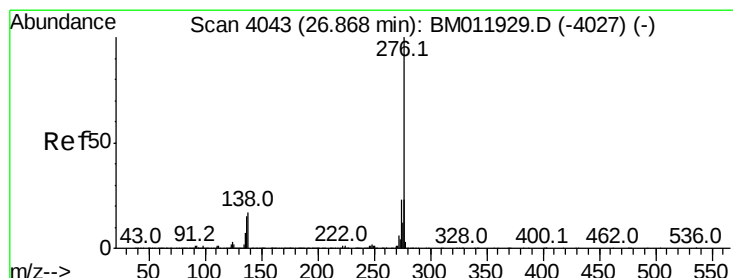
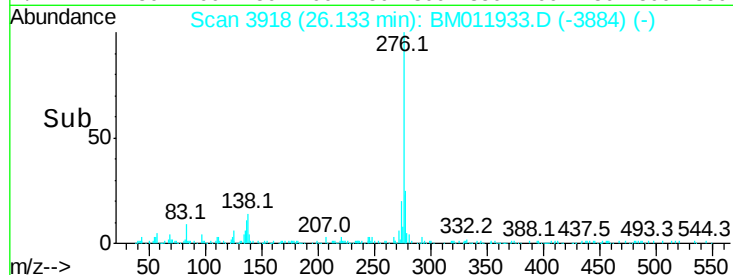
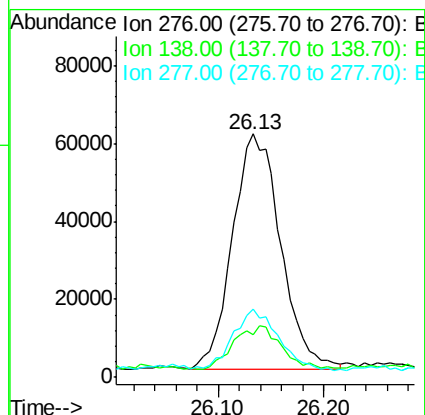
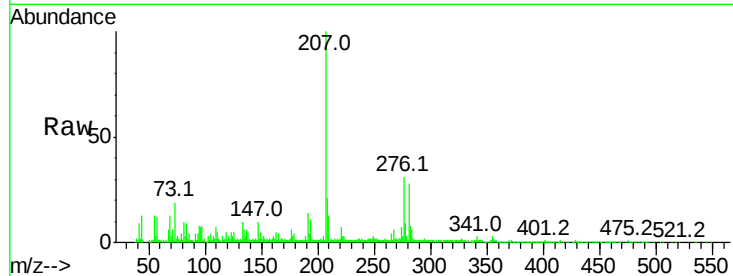
Indeno(1,2,3-cd)pyrene
Concen: 2.314 ng/ul
RT: 26.13 min Scan# 3918
Delta R.T. 0.00 min
Lab File: BM011933.D
Acq: 05 Oct 2017 20:08

Instrument :
BNA_M
ClientSampleId :
B-40(0-1)-092617

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.4	9.3	13.9#
277	28.0	19.9	29.9

Manual Integrations
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#91

Benzo(g,h,i)perylene
Concen: 2.763 ng/ul
RT: 26.87 min Scan# 4043
Delta R.T. 0.00 min
Lab File: BM011933.D
Acq: 05 Oct 2017 20:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	8.5	12.7#
277	25.7	18.6	28.0

