

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
 Data File : BM014494.D
 Acq On : 06 Mar 2018 10:54
 Operator : SJ/JU
 Sample : J1678-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5T0DL

Manual Integrations
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Sohil
 3/7/2018 12:02:35 PM

Quant Time: Mar 07 00:59:18 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 06 12:22:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	97419	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	354341	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	195018	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	405574	20.00	ng/ul	-0.01
75) Chrysene-d12	21.15	240	382693	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	369769	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	2321	1.02	ng/uL	0.00
5) Phenol-d5	6.75	99	33718	4.10	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.86	67	21105	4.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	30508	4.83	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	23714m	3.29	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	15898m	6.07	ng/ul	0.01
22) 2-Nitrophenol-d4	9.40	143	13073	4.82	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.98	165	26957m	4.80	ng/ul	0.04
29) 4-Chloroaniline-d4	10.49	131	21234m	3.84	ng/ul	0.04
43) Dimethylphthalate-d6	13.60	166	84099	5.22	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	109914	5.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	6748m	3.03	ng/ul	0.08
57) Fluorene-d10	15.18	176	75247	5.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	3360	1.38	ng/ul	0.01
70) Anthracene-d10	17.04	188	108571	5.55	ng/ul	0.00
76) Pyrene-d10	19.34	212	125586	6.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	105739	5.88	ng/ul	-0.01

Target Compounds

					Ovalue
16) 4-Methylphenol	8.32	108	7767m	1.079	ng/ul
69) Phenanthrene	16.97	178	268444	11.488	ng/ul 98
71) Anthracene	17.07	178	53386m	2.272	ng/ul
74) Fluoranthene	19.01	202	353254	12.653	ng/ul# 95
77) Pyrene	19.37	202	408892	16.077	ng/ul# 95
80) Benzo(a)anthracene	21.14	228	205636	8.610	ng/ul 96
82) Chrysene	21.19	228	204986	9.200	ng/ul 97
85) Benzo(b)fluoranthene	22.69	252	229479	9.268	ng/ul# 95
86) Benzo(k)fluoranthene	22.72	252	70048m	2.976	ng/ul
88) Benzo(a)pyrene	23.24	252	164288	7.426	ng/ul# 93
89) Indeno(1,2,3-cd)pyrene	25.50	276	109031	5.078	ng/ul 98
90) Dibenzo(a,h)anthracene	25.49	278	33362m	1.870	ng/ul
91) Benzo(g,h,i)perylene	26.17	276	94729	5.447	ng/ul# 95

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

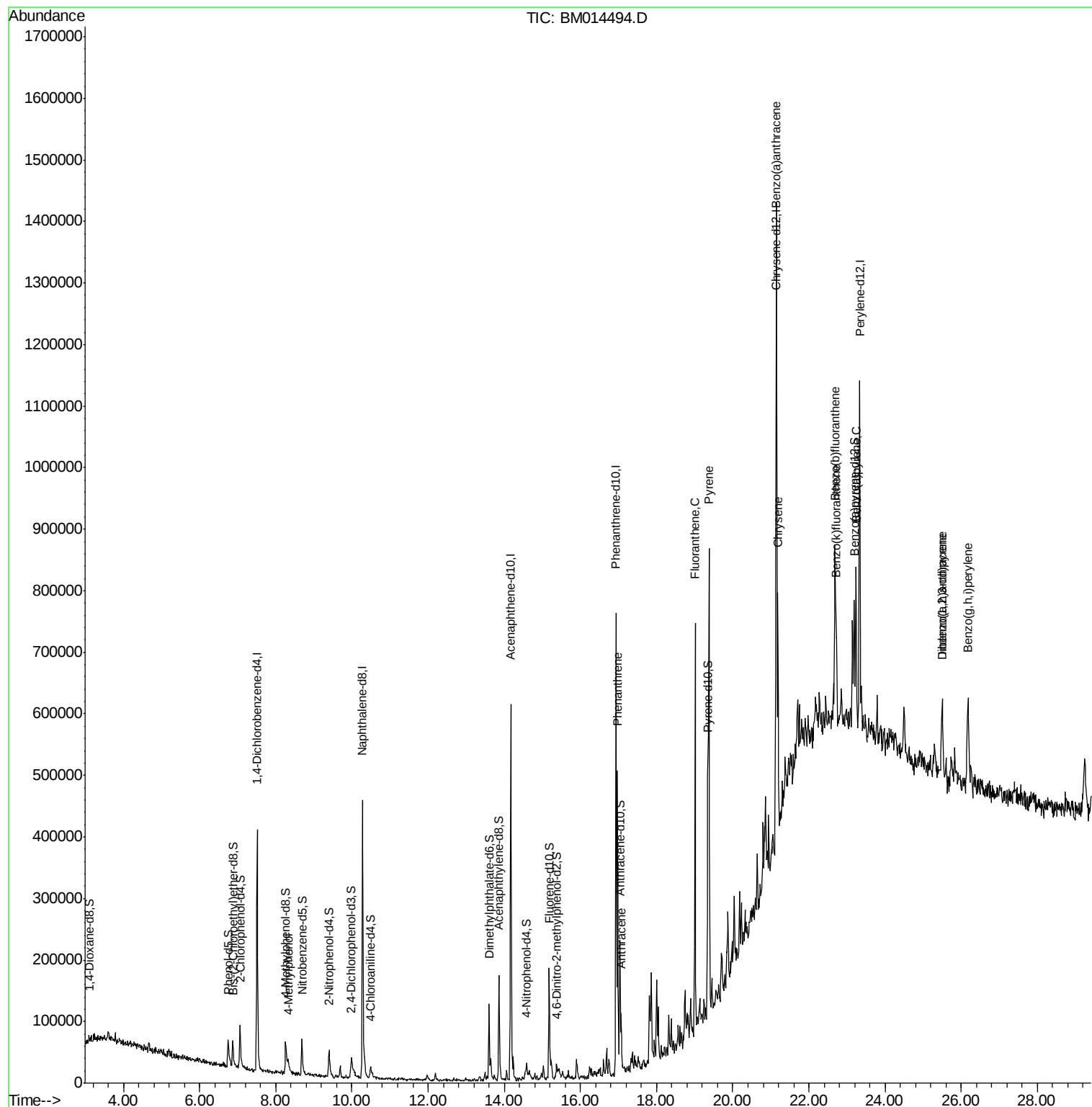
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
Data File : BM014494.D
Acq On : 06 Mar 2018 10:54
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Sample : J1678-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

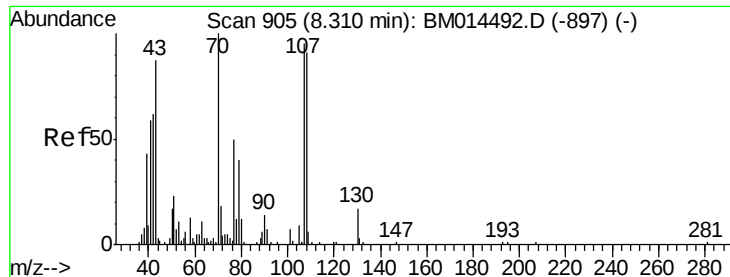
Instrument :
BNA_M
ClientSampled :
BE5T0DL

Quant Time: Mar 07 00:59:18 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
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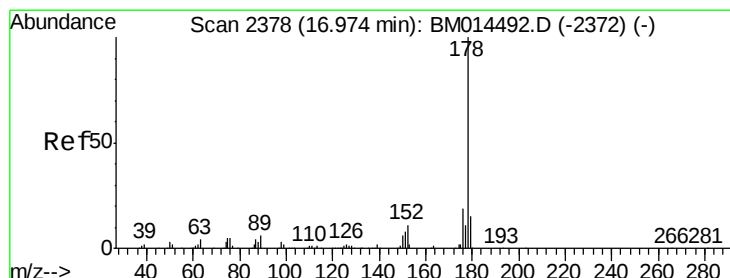
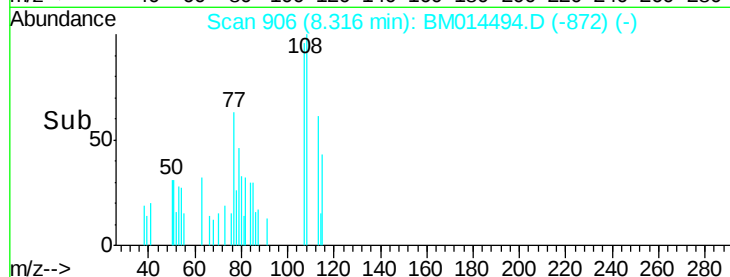
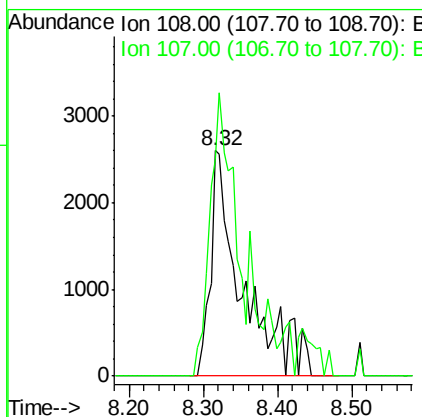
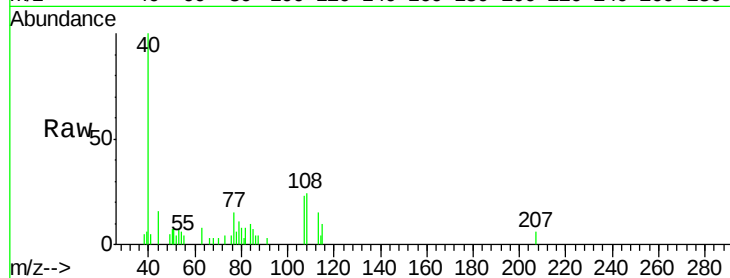
#16
4-Methylphenol
Concen: 1.079 ng/ul m
RT: 8.32 min Scan# 906
Delta R.T. -0.00 min
Lab File: BM014494.D
Acq: 06 Mar 2018 10:54

Instrument :
BNA_M
ClientSampleId :
BE5T0DL

Tot Ion	Ratio	Lower	Upper
108	100		
107	96.2	84.9	127.3

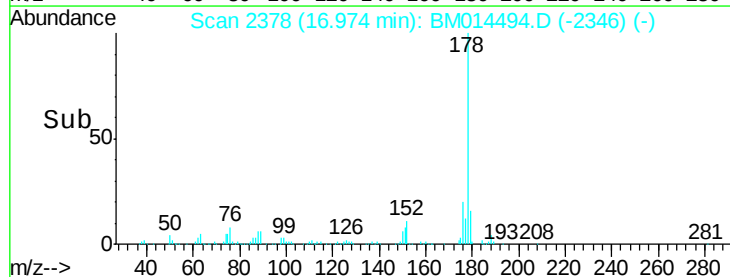
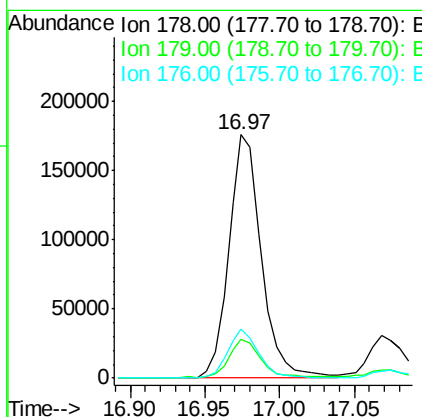
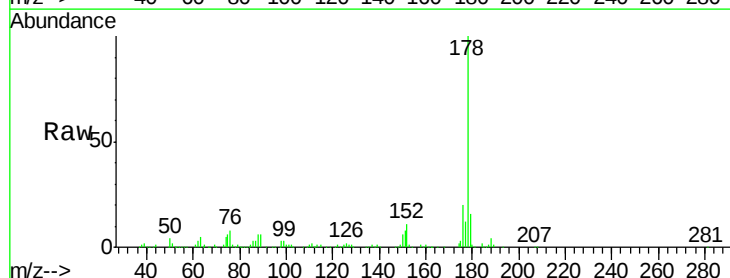
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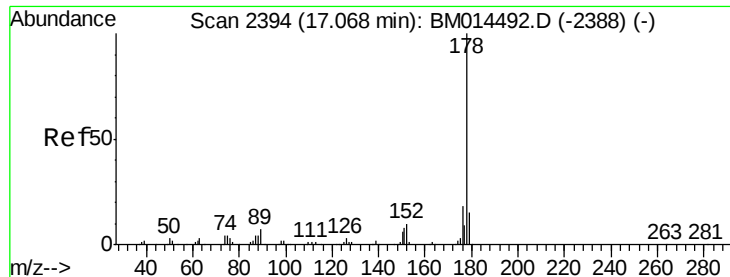
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#69
Phenanthrene
Concen: 11.488 ng/ul
RT: 16.97 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM014494.D
Acq: 06 Mar 2018 10:54

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	20.0	14.9	22.3





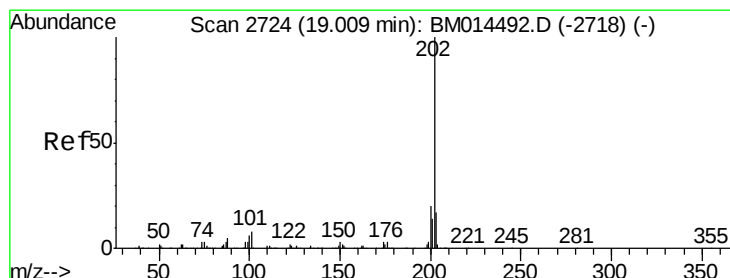
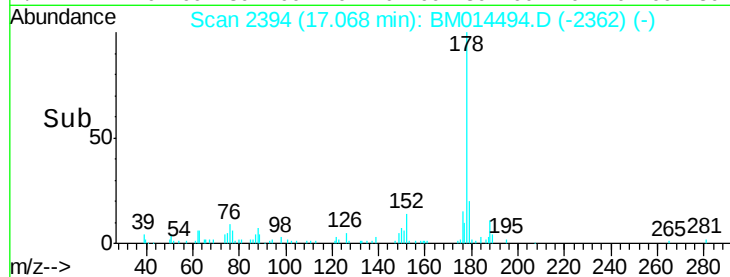
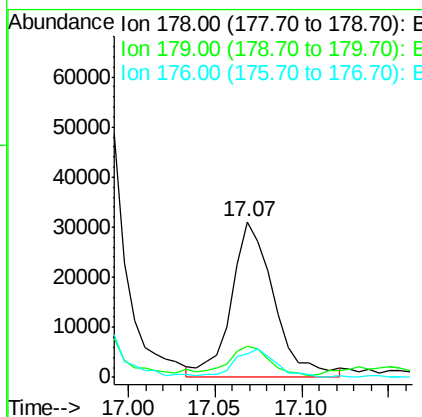
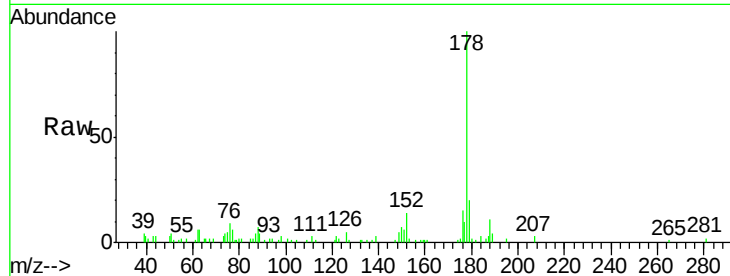
#71
 Anthracene
 Concen: 2.272 ng/ul m
 RT: 17.07 min Scan# 2394
 Delta R.T. -0.01 min
 Lab File: BM014494.D
 Acq: 06 Mar 2018 10:54

Instrument :
 BNA_M
 ClientSampleId :
 BE5T0DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.1	11.7	17.5#
176	15.3	14.6	21.8

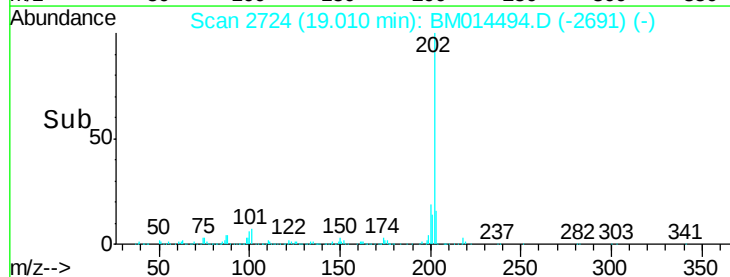
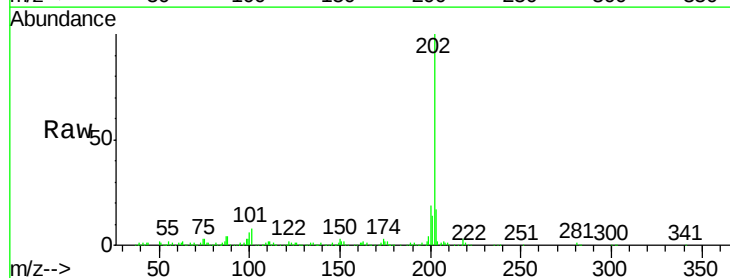
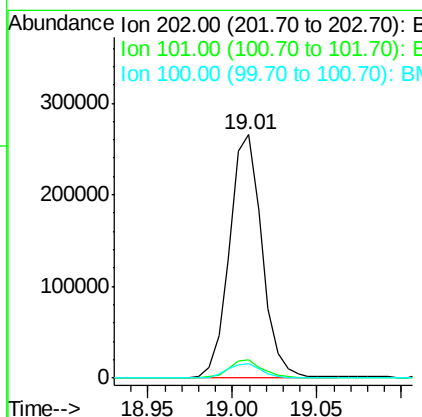
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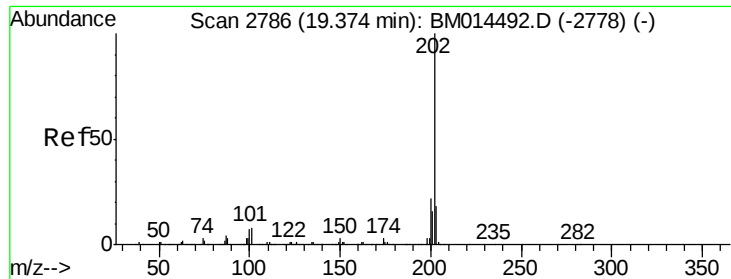
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#74
 Fluoranthene
 Concen: 12.653 ng/ul
 RT: 19.01 min Scan# 2724
 Delta R.T. -0.01 min
 Lab File: BM014494.D
 Acq: 06 Mar 2018 10:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	4.6	7.0#
100	5.8	3.4	5.2#





#77

Pvrene

Concen: 16.077 ng/ul

RT: 19.37 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BM014494.D

Acq: 06 Mar 2018 10:54

Instrument :

BNA_M

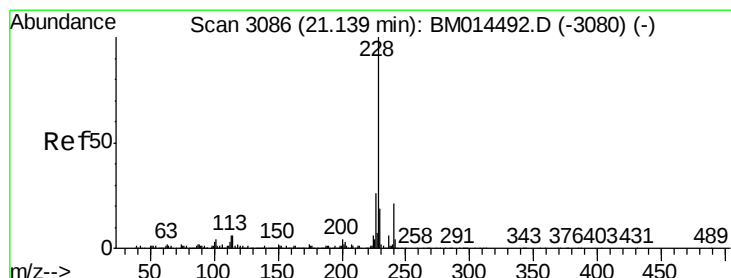
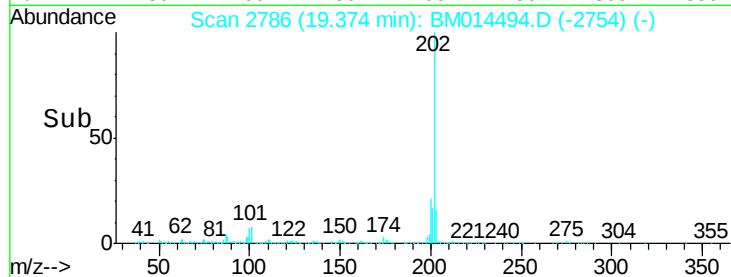
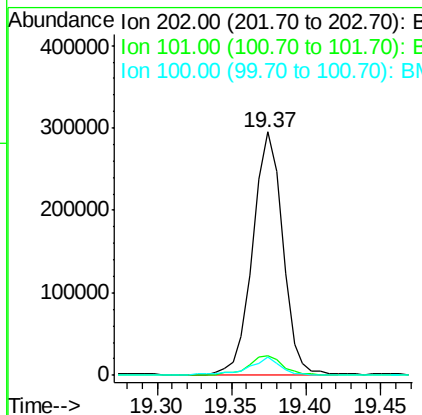
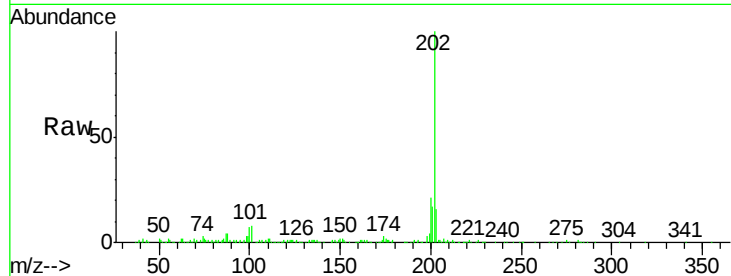
ClientSampleId :

BE5T0DL

Tot Ion:	202	Resp:	408892
Ion Ratio	Lower	Upper	
202	100		
101	8.3	5.1	7.7#
100	7.4	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 8.610 ng/ul

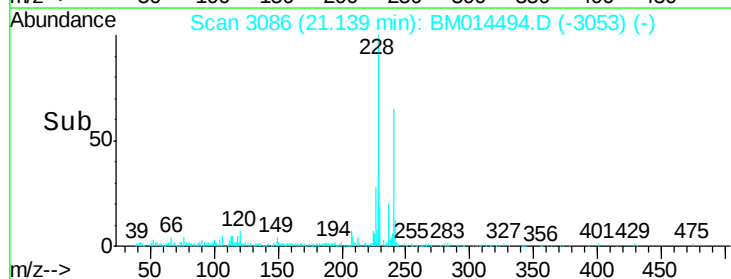
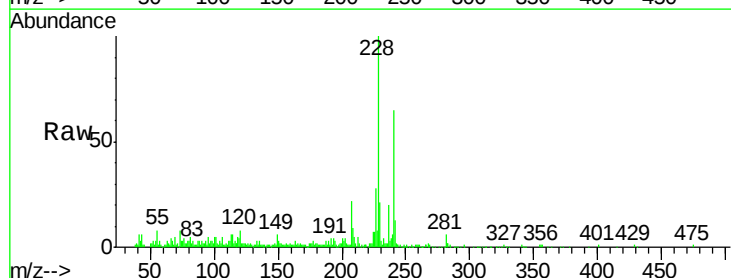
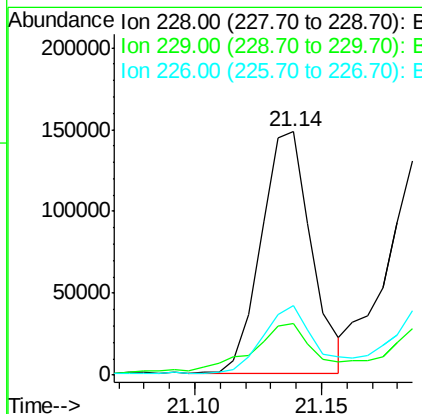
RT: 21.14 min Scan# 3086

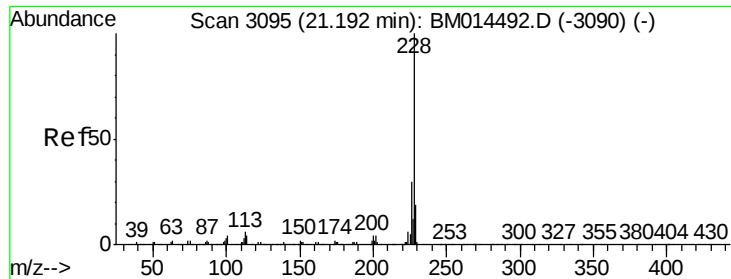
Delta R.T. -0.01 min

Lab File: BM014494.D

Acq: 06 Mar 2018 10:54

Tgt Ion:	228	Resp:	205636
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.4	23.0
226	28.5	21.4	32.0





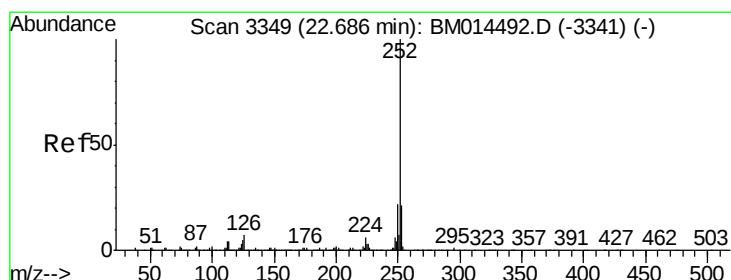
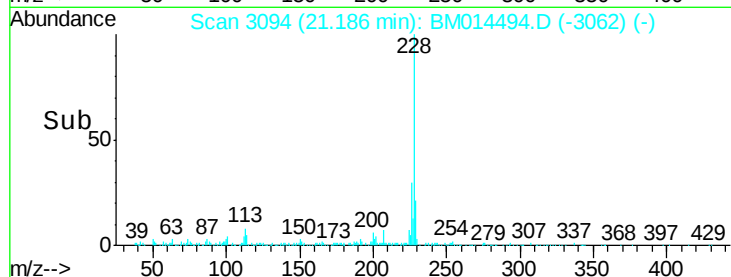
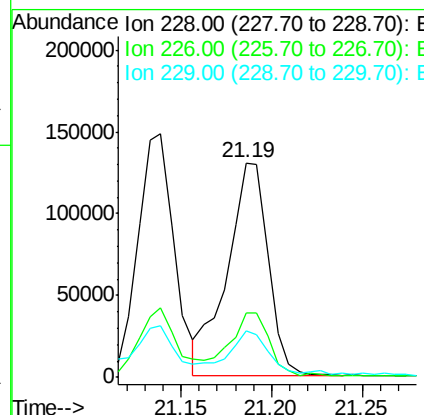
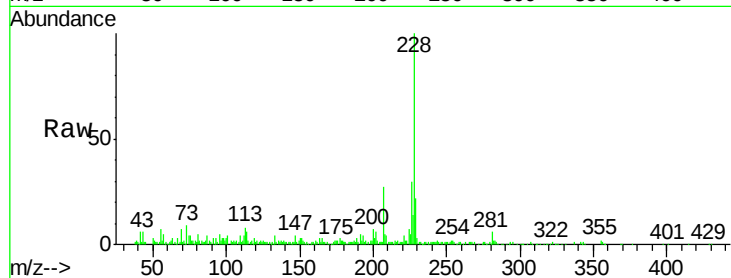
#82
Chrysene
Concen: 9.200 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM014494.D
Acq: 06 Mar 2018 10:54

Instrument :
BNA_M
ClientSampleId :
BE5T0DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	21.7	15.5	23.3

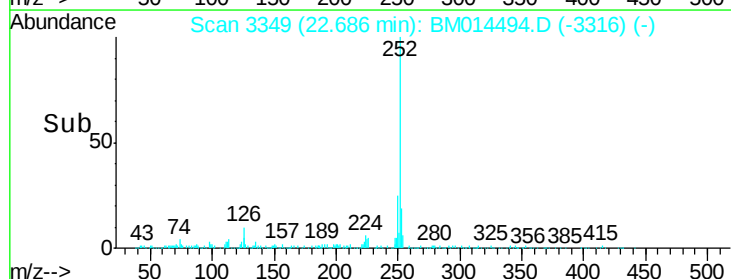
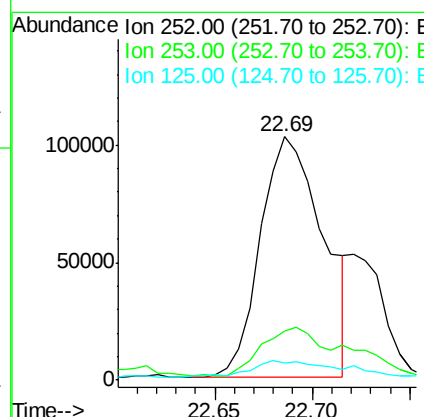
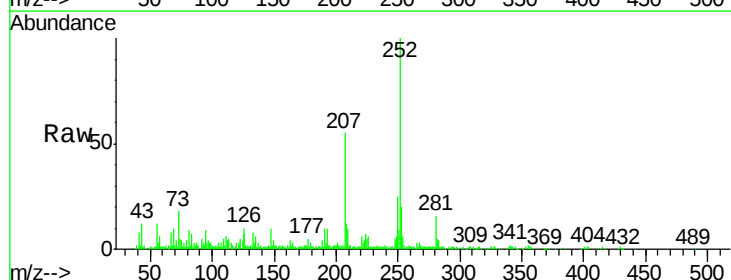
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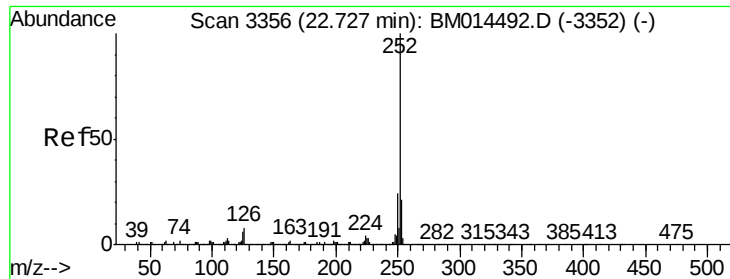
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#85
Benzo(b)fluoranthene
Concen: 9.268 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM014494.D
Acq: 06 Mar 2018 10:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.9	26.9
125	6.8	3.6	5.4





#86

Benzo(k)fluoranthene

Concen: 2.976 ng/ul m

RT: 22.72 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BM014494.D

Acq: 06 Mar 2018 10:54

Instrument :

BNA_M

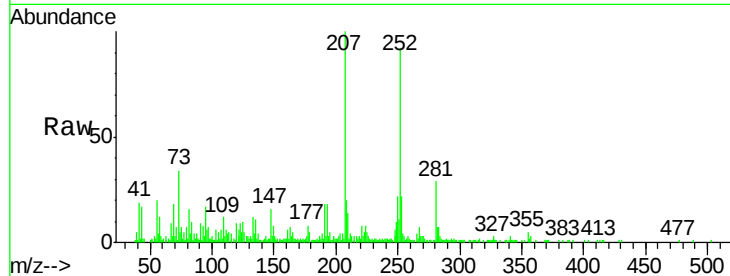
ClientSampled :

BE5T0DL

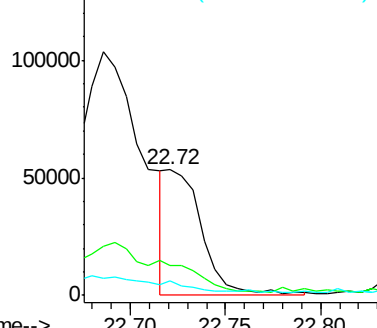
Tot Ion:	252	Resp:	70048
Ion Ratio	Lower	Upper	
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253	24.2	17.1	25.7
125	11.1	3.4	5.2#

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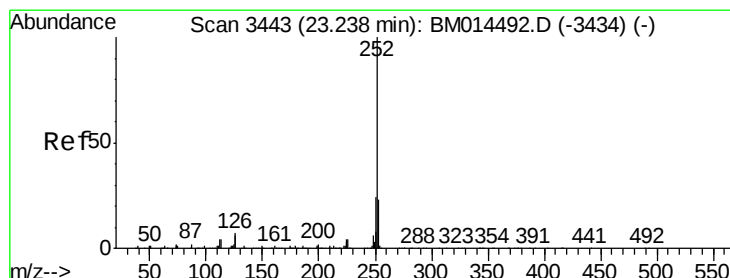
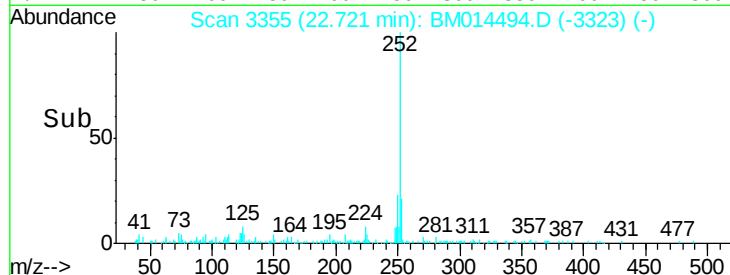
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(a)pyrene

Concen: 7.426 ng/ul

RT: 23.24 min Scan# 3443

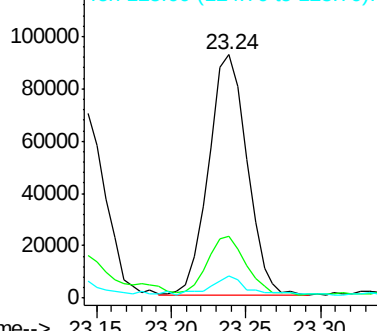
Delta R.T. -0.01 min

Lab File: BM014494.D

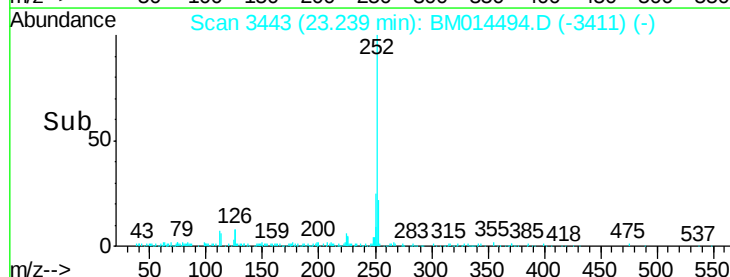
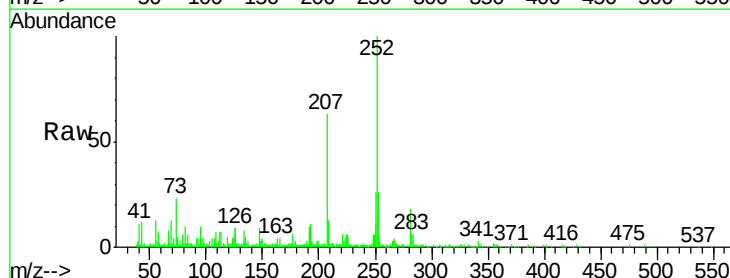
Acq: 06 Mar 2018 10:54

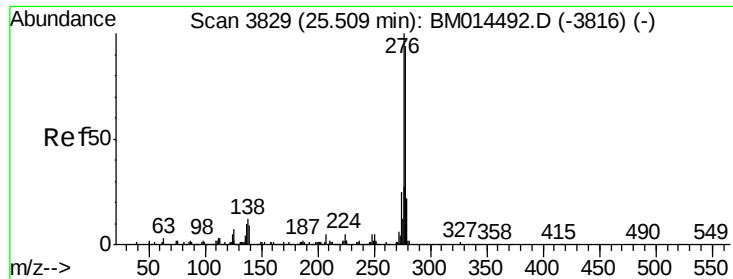
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Ion Ratio	Lower	Upper	
252	100		
253	25.6	18.2	27.2
125	9.3	4.0	6.0#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





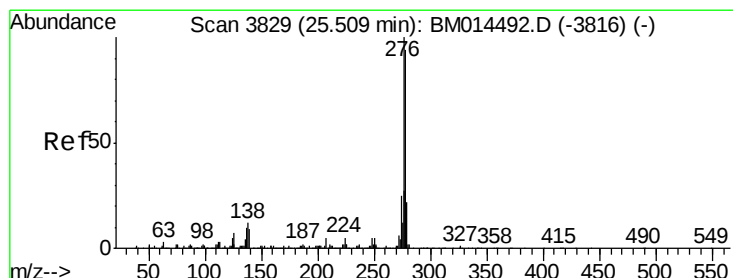
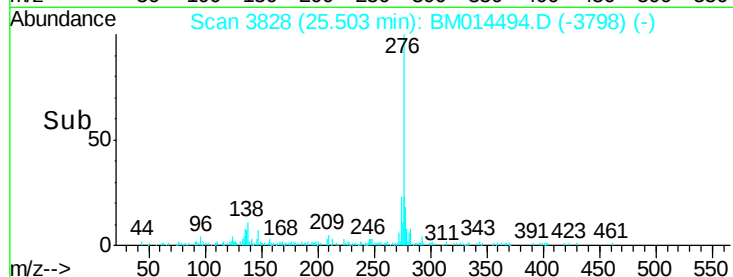
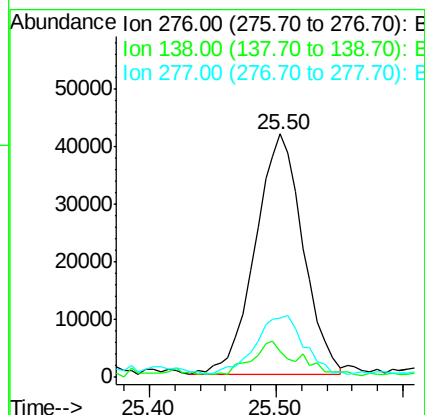
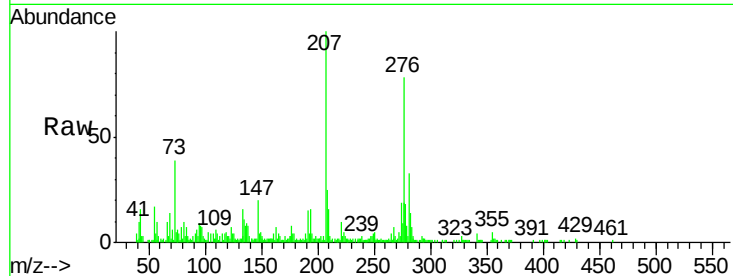
#89
Indeno(1,2,3-cd)pyrene
Concen: 5.078 ng/ul
RT: 25.50 min Scan# 3828
Delta R.T. -0.02 min
Lab File: BM014494.D
Acq: 06 Mar 2018 10:54

Instrument :
BNA_M
ClientSampleId :
BE5T0DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	109031		
138	10.5	9.3	13.9	
277	24.3	19.9	29.9	

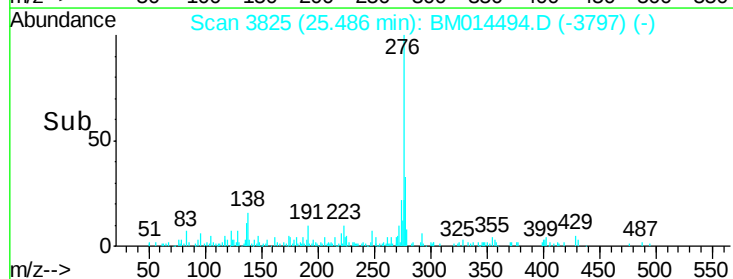
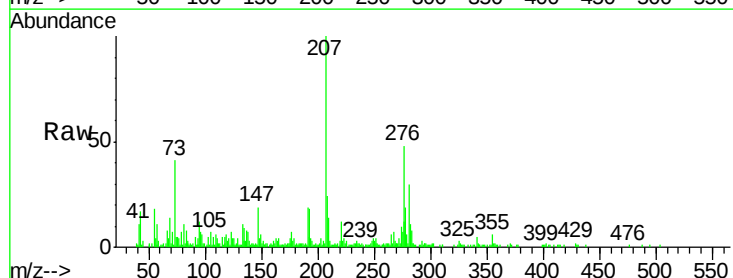
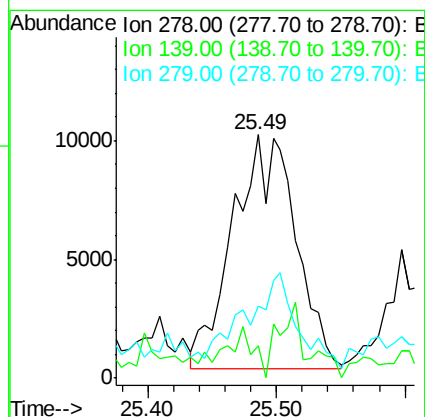
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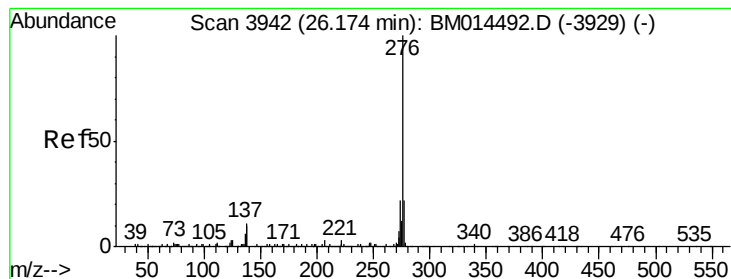
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#90
Dibenzo(a,h)anthracene
Concen: 1.870 ng/ul m
RT: 25.49 min Scan# 3825
Delta R.T. -0.04 min
Lab File: BM014494.D
Acq: 06 Mar 2018 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	33362		
139	13.5	5.8	8.8#	
279	29.8	18.6	27.8#	





#91

Benzo(a,h,i)perylene

Concen: 5.447 ng/ul

RT: 26.17 min Scan# 3942

Delta R.T. -0.02 min

Lab File: BM014494.D

Acq: 06 Mar 2018 10:54

Instrument :

BNA_M

ClientSampleId :

BE5T0DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	13.7	8.5	12.7#		
277	21.7	18.6	28.0		

Manual Integrations
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