

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\
 Data File : BM021687.D
 Acq On : 27 Jul 2019 13:44
 Operator : HP/JU
 Sample : K3893-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP17

Manual Integrations
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mohammad
 7/29/2019 2:29:49 PM

Quant Time: Jul 29 05:16:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 26 18:42:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	177150	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	702339	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	402313	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	720814	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	691029	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	847341	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	14920	4.05	ng/uL	0.00
5) Phenol-d5	6.86	99	309351	23.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	198251	25.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	285721	25.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	249711	22.33	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	146901	27.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	161945	27.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	306240	24.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	276463	23.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	872671	28.11	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1011130	27.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	53722	11.40	ng/ul	0.00
57) Fluorene-d10	15.33	176	719244	26.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	17300	3.86	ng/ul	0.00
70) Anthracene-d10	17.18	188	988458	27.25	ng/ul	0.00
78) Pyrene-d10	19.48	212	1037519	26.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1218299	27.17	ng/ul	0.00

Target Compounds

					Ovalue
30) 4-Chloroaniline	10.65	127	24556	1.955 ng/ul	97
44) Dimethylphthalate	13.79	163	158826	4.928 ng/ul	99
69) Phenanthrene	17.12	178	168333	3.877 ng/ul	100
76) Fluoranthene	19.14	202	344496	6.802 ng/ul	99
79) Pyrene	19.51	202	289968	5.624 ng/ul	100
82) Benzo(a)anthracene	21.26	228	166515	3.309 ng/ul#	94
83) Bis(2-ethylhexyl)phthalate	21.18	149	53445	2.334 ng/ul#	92
84) Chrysene	21.31	228	168131	3.544 ng/ul#	94
87) Benzo(b)fluoranthene	22.84	252	252556	4.381 ng/ul#	86
88) Benzo(k)fluoranthene	22.88	252	64114m	1.137 ng/ul	
90) Benzo(a)pyrene	23.41	252	154519	2.863 ng/ul#	87
91) Indeno(1,2,3-cd)pyrene	25.76	276	122811	1.962 ng/ul	98
93) Benzo(g,h,i)perylene	26.45	276	107094	2.058 ng/ul#	92

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

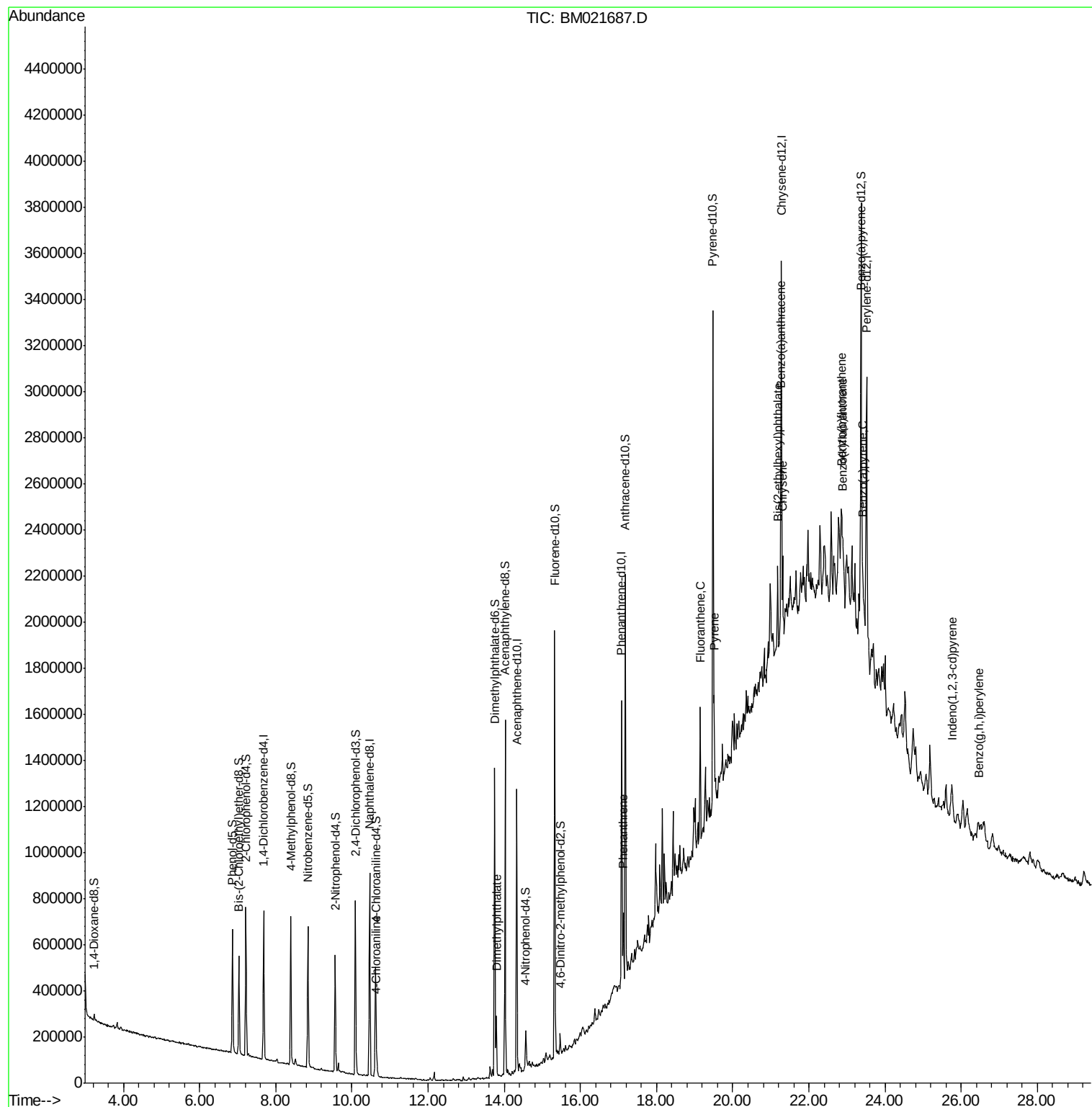
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\
Data File : BM021687.D
Acq On : 27 Jul 2019 13:44
Operator : HP/JU
Sample : K3893-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

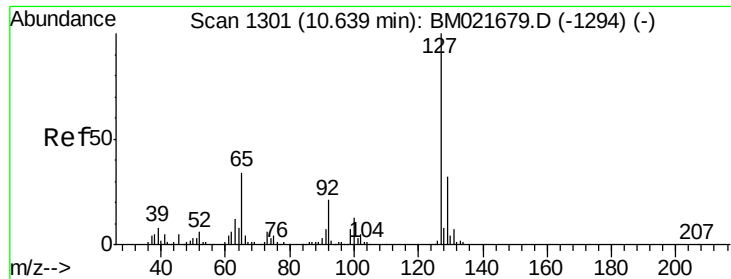
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Jul 29 05:16:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
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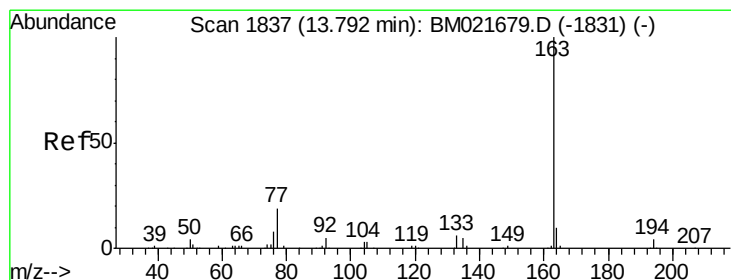
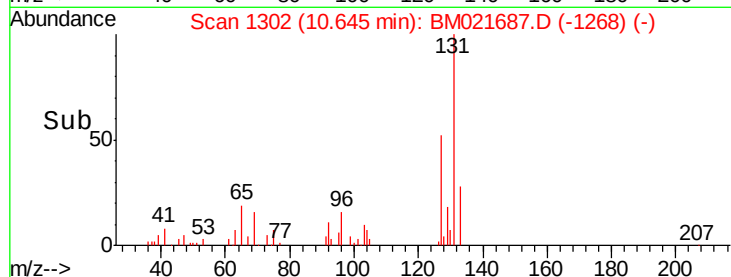
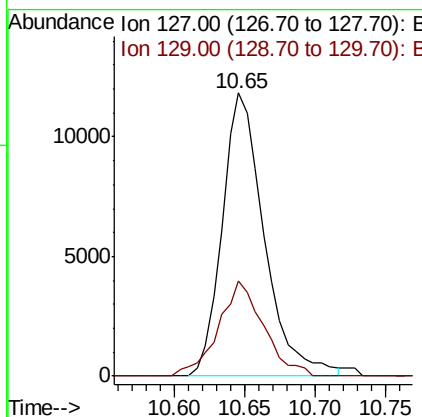
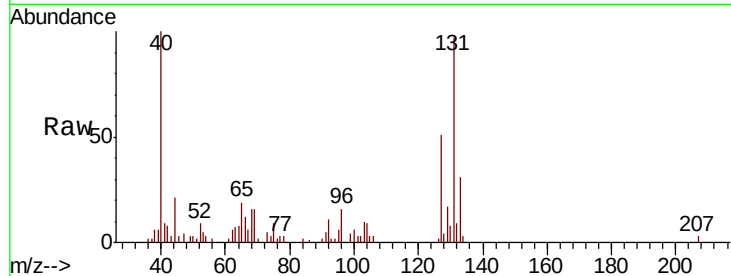
#30
4-Chloroaniline
Concen: 1.955 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Instrument :
BNA_M
ClientSampleId :
BEP17

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.5	38.3

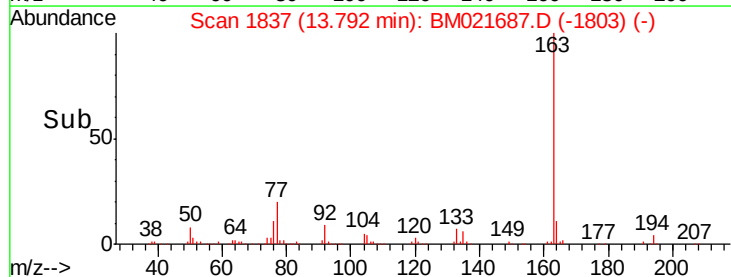
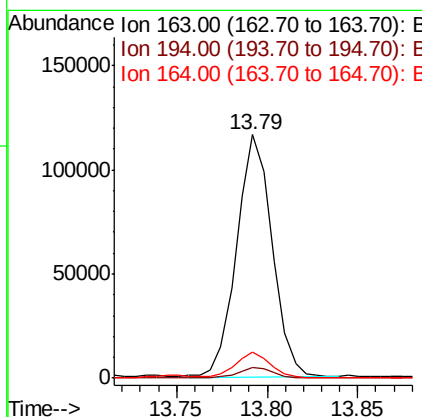
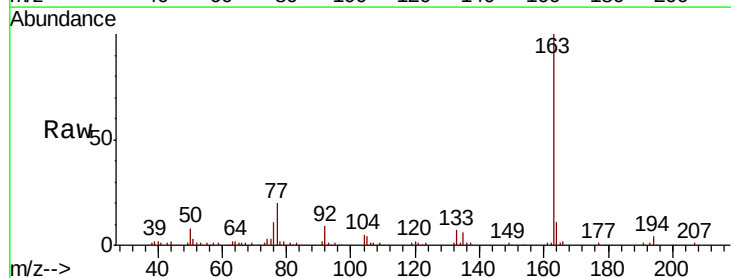
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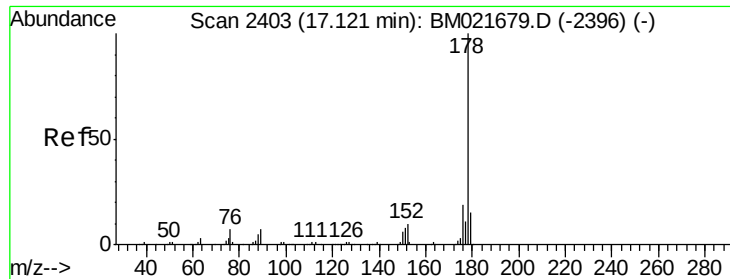
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#44
Dimethylphthalate
Concen: 4.928 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.7	8.1	12.1





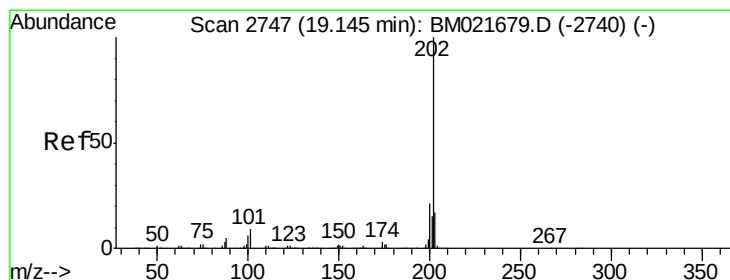
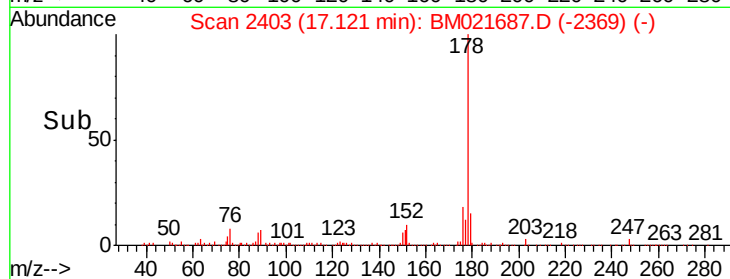
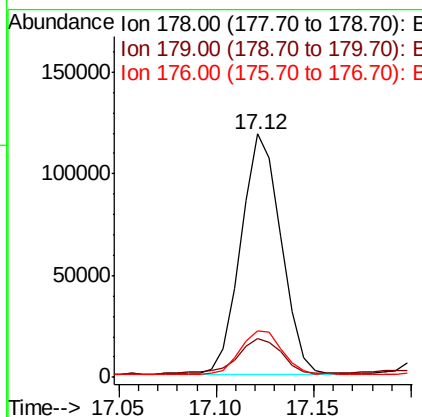
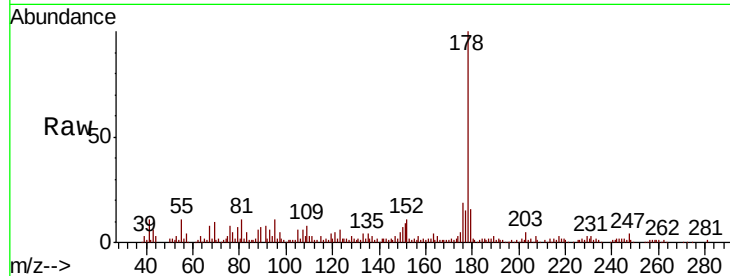
#69
Phenanthrene
Concen: 3.877 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Instrument :
BNA_M
ClientSampleId :
BEP17

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	19.3	15.4	23.2

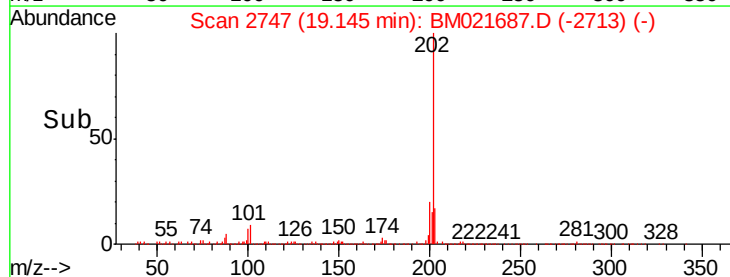
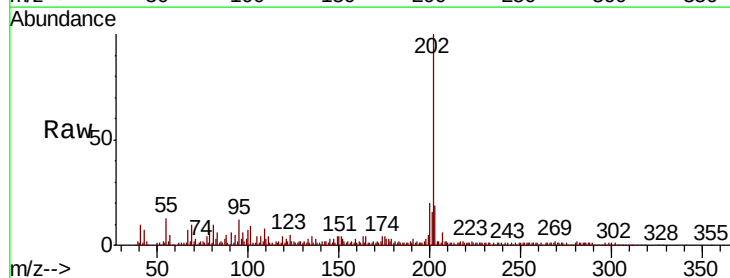
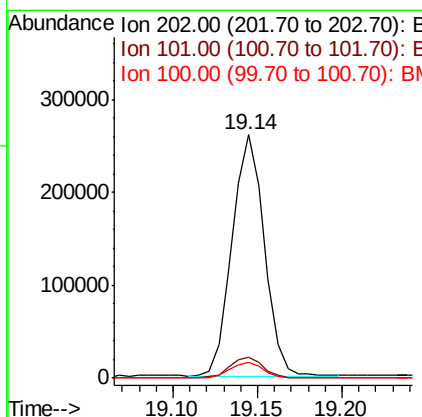
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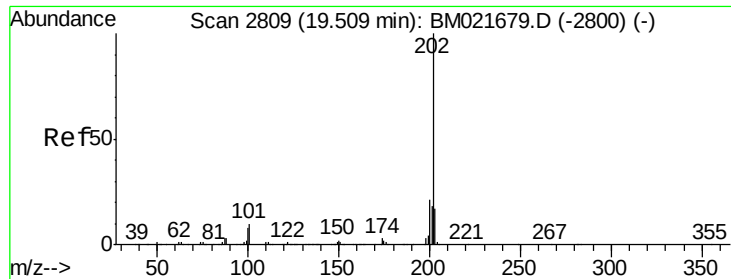
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#76
Fluoranthene
Concen: 6.802 ng/ul
RT: 19.14 min Scan# 2747
Delta R.T. -0.00 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.7	10.1
100	6.7	5.1	7.7





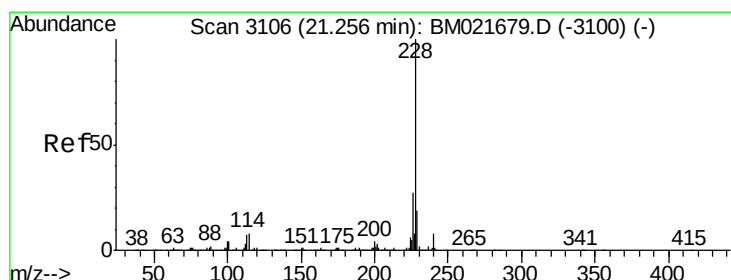
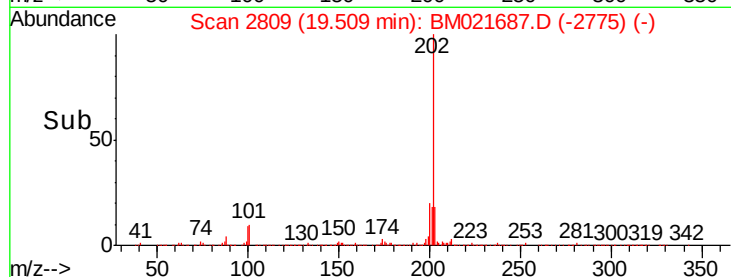
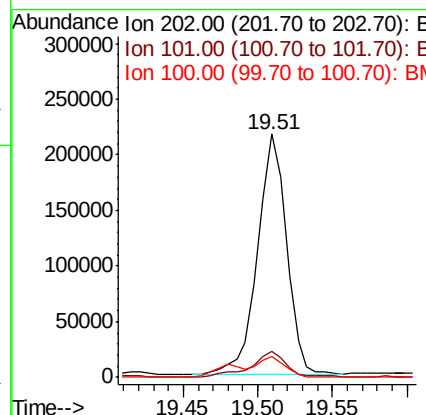
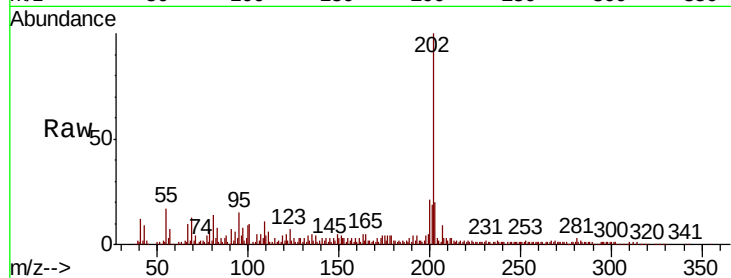
#79
Pvrene
Concen: 5.624 ng/ul
RT: 19.51 min Scan# 2809
Delta R.T. -0.00 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Instrument :
BNA_M
ClientSampleId :
BEP17

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	8.2	12.2
100	8.8	7.0	10.4

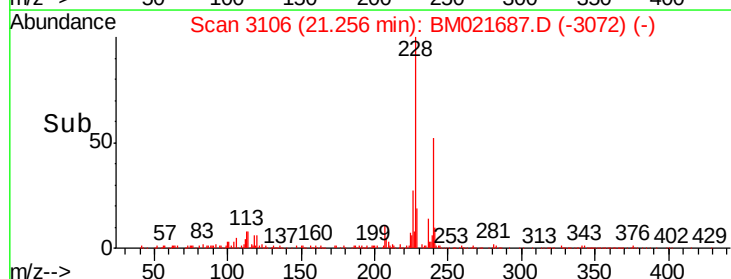
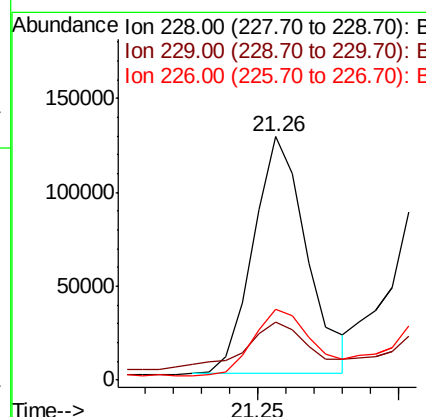
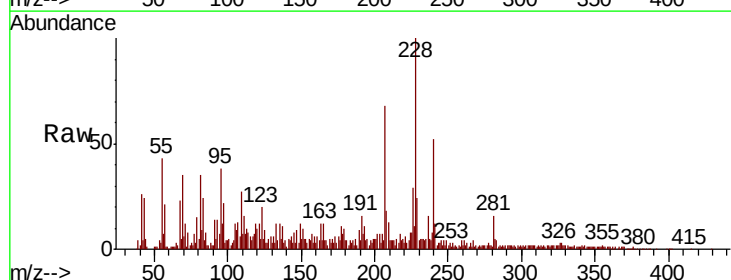
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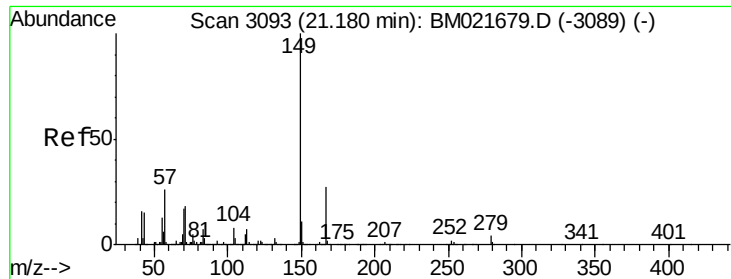
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#82
Benzo(a)anthracene
Concen: 3.309 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM021687.D
Acq: 27 Jul 2019 13:44

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.8	15.7	23.5#
226	29.1	21.4	32.2





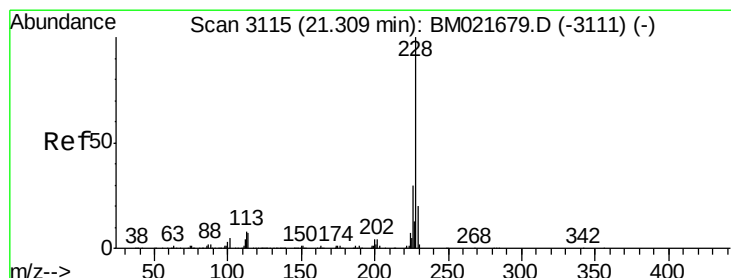
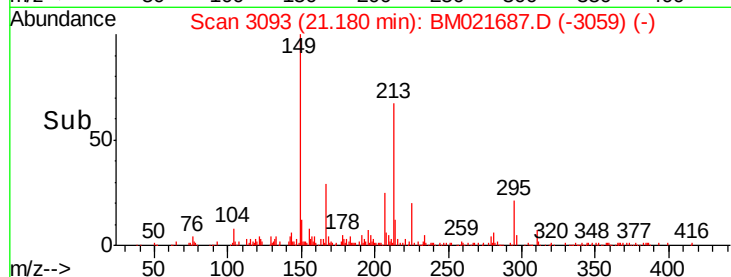
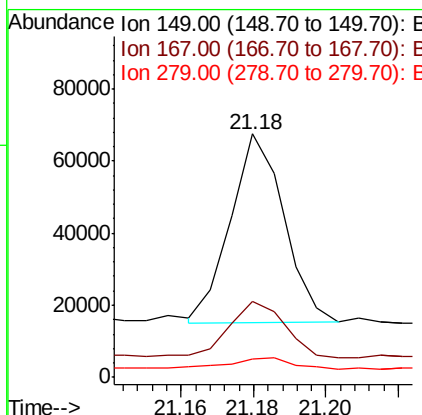
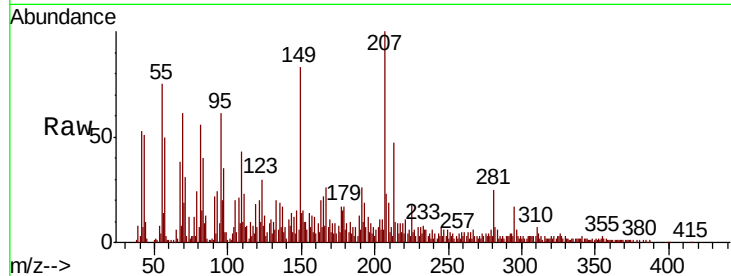
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.334 ng/ul
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BM021687.D
 Acq: 27 Jul 2019 13:44

Instrument :
 BNA_M
 ClientSampleId :
 BEP17

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.2	21.6	32.4
279	7.5	3.8	5.6

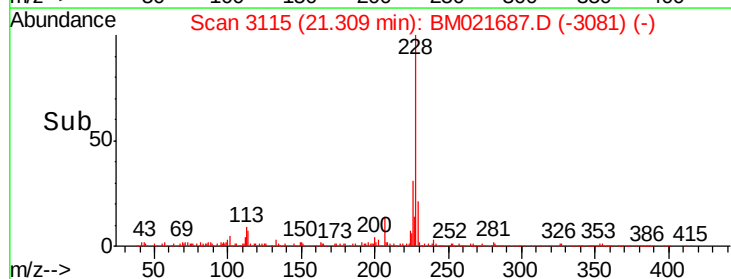
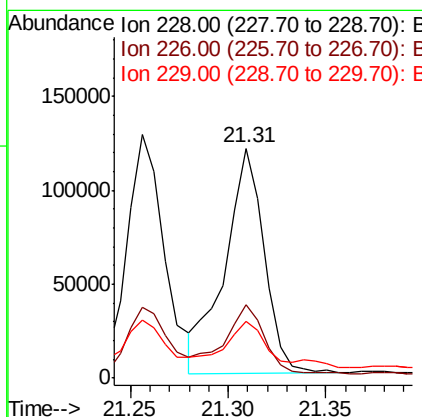
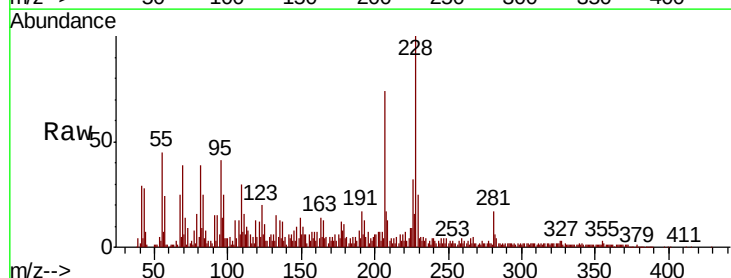
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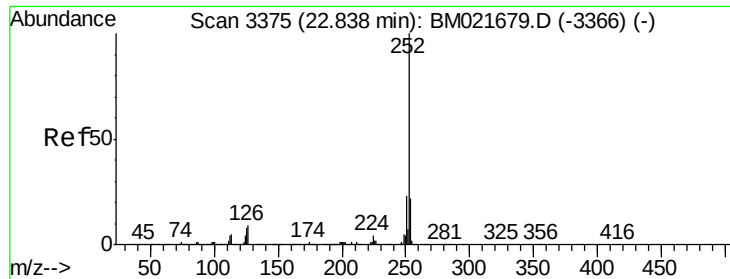
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#84
 Chrysene
 Concen: 3.544 ng/ul
 RT: 21.31 min Scan# 3115
 Delta R.T. -0.00 min
 Lab File: BM021687.D
 Acq: 27 Jul 2019 13:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.0	36.0
229	24.5	15.7	23.5





#87

Benzo(b)fluoranthene

Concen: 4.381 ng/ul

RT: 22.84 min Scan# 3376

Delta R.T. 0.01 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

Instrument :

BNA_M

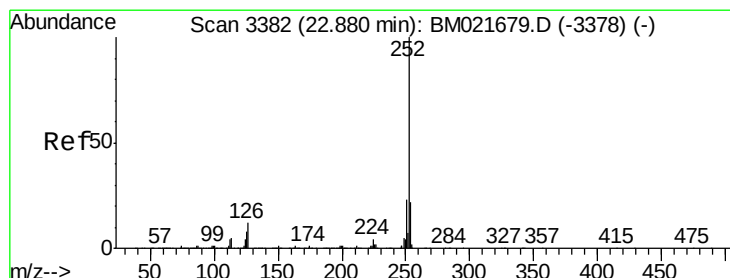
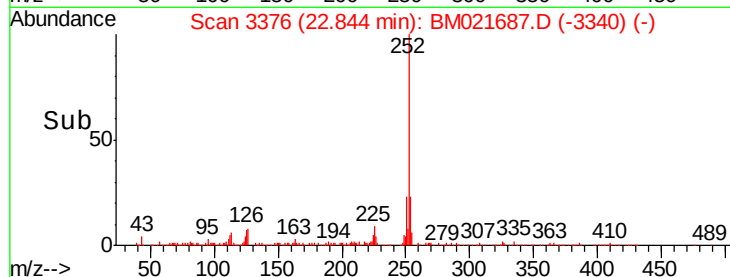
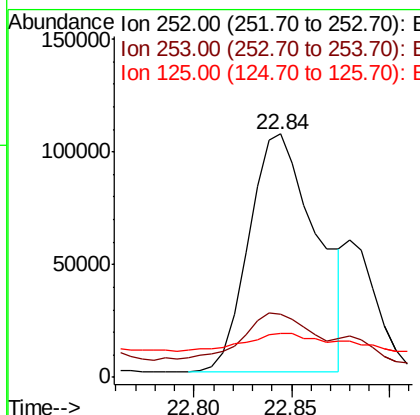
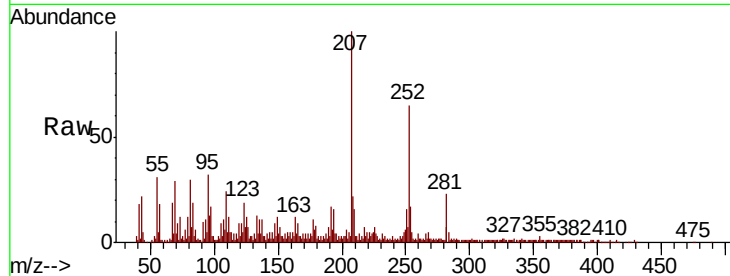
ClientSampled :

BEP17

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.3	25.9#
125	17.9	6.3	9.5#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 1.137 ng/ul m

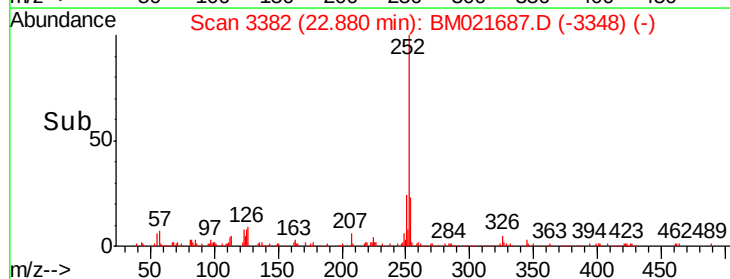
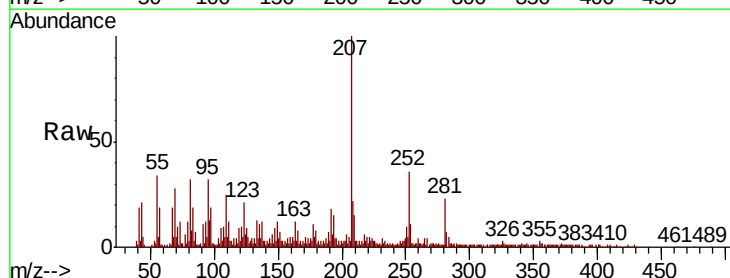
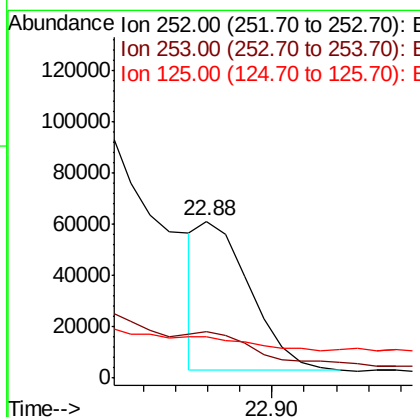
RT: 22.88 min Scan# 3382

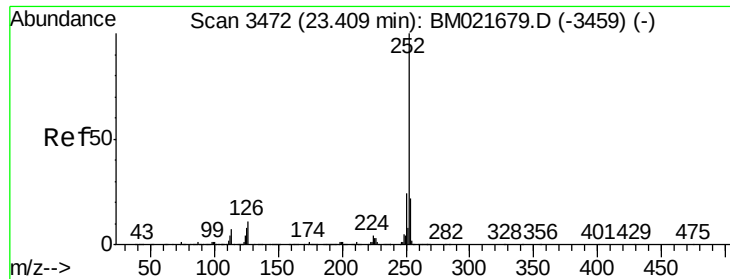
Delta R.T. -0.00 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.7	26.5#
125	26.1	6.3	9.5#





#90

Benzo(a)pyrene

Concen: 2.863 ng/ul

RT: 23.41 min Scan# 3473

Delta R.T. 0.01 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

Instrument :

BNA_M

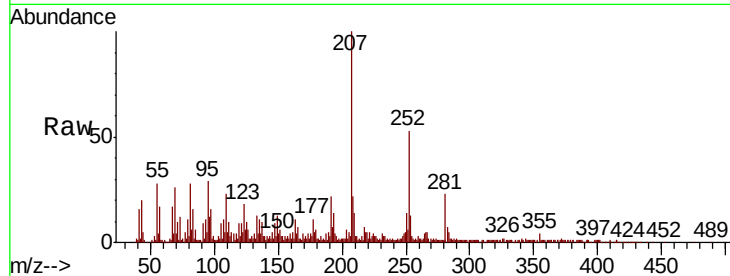
ClientSampleId :

BEP17

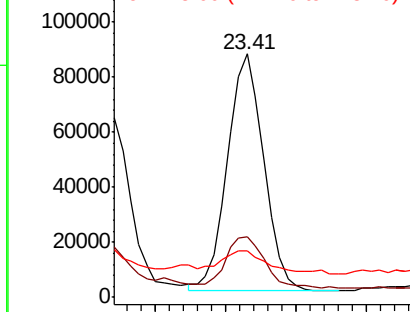
Tot Ion:	252	Resp:	154519
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.5	26.3
125	19.3	7.0	10.6

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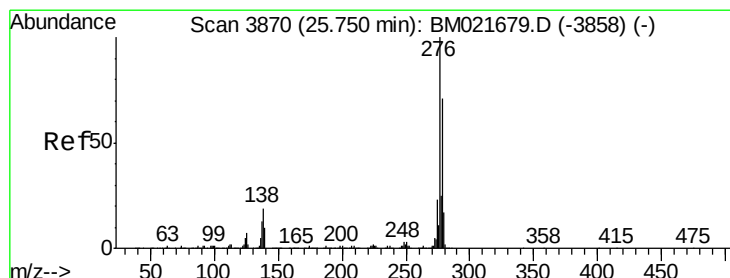
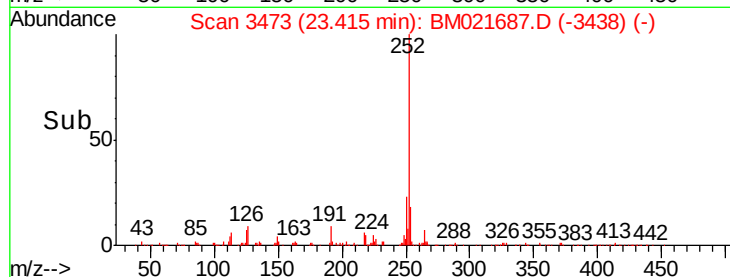
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.962 ng/ul

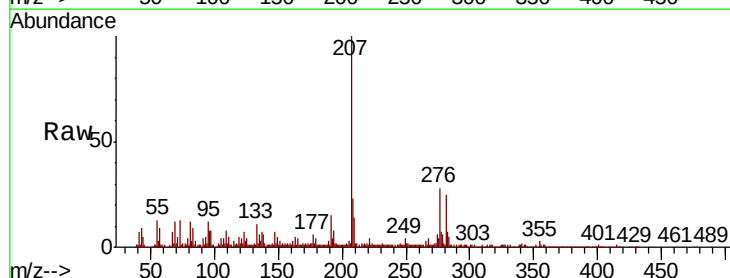
RT: 25.76 min Scan# 3871

Delta R.T. 0.01 min

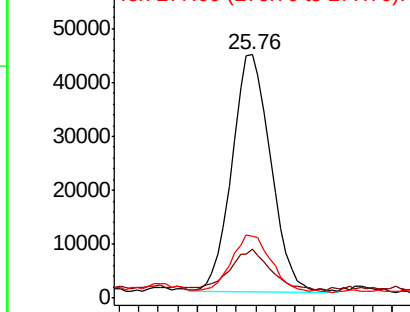
Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

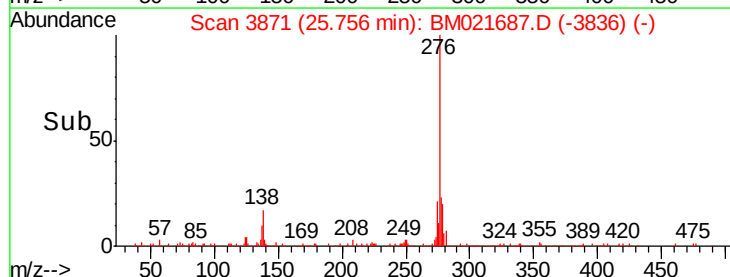
Tgt Ion:	276	Resp:	122811
Ion Ratio	Lower	Upper	
276	100		
138	20.4	14.8	22.2
277	25.2	19.7	29.5

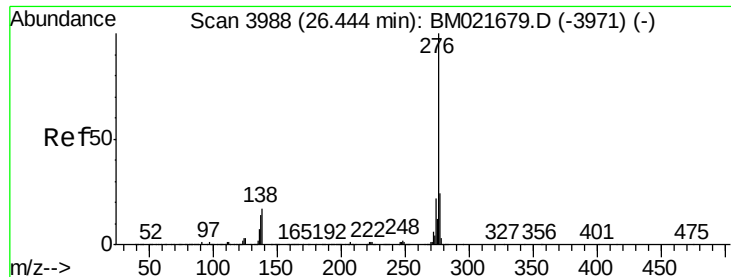


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->





#93

Benzo(a,h,i)perylene

Concen: 2.058 ng/ul

RT: 26.45 min Scan# 3989

Delta R.T. 0.01 min

Lab File: BM021687.D

Acq: 27 Jul 2019 13:44

Instrument :

BNA_M

ClientSampleId :

BEP17

Tot Ion:	276	Resp:	107094
Ion Ratio	Lower	Upper	
276	100		
138	20.7	13.1	19.7#
277	27.2	19.0	28.6

Manual Integrations
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