

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
 Data File : BM021199.D
 Acq On : 26 Jun 2019 19:30
 Operator : HP/JU
 Sample : K3501-08
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AD6

Manual Integrations
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mohammad
 6/27/2019 8:17:58 AM

Quant Time: Jun 27 01:02:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 00:42:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	255334	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1134669	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	749554	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1669704	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1153334	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1245013	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	18089	3.36	ng/uL	0.00
5) Phenol-d5	6.93	99	451608	20.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	269825	20.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	374769	20.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	394649	21.27	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	204819	22.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	237584	23.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	478069	22.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	429477	19.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1643708	24.27	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1860424	22.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	180262	16.36	ng/ul	0.00
57) Fluorene-d10	15.40	176	1405233	23.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	175310	17.08	ng/ul	0.00
70) Anthracene-d10	17.25	188	2049183	23.62	ng/ul	0.00
78) Pyrene-d10	19.55	212	1938557	28.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1697759	23.11	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.96	94	32284	1.536	ng/ul 94
44) Dimethylphthalate	13.87	163	923444	14.978	ng/ul 99
69) Phenanthrene	17.20	178	323639	3.505	ng/ul 98
76) Fluoranthene	19.21	202	941128	9.432	ng/ul 98
79) Pyrene	19.57	202	734478	9.008	ng/ul 98
82) Benzo(a)anthracene	21.32	228	377645	4.803	ng/ul 100
83) Bis(2-ethylhexyl)phthalate	21.25	149	47981	1.117	ng/ul 100
84) Chrysene	21.37	228	384529	5.222	ng/ul 98
87) Benzo(b)fluoranthene	22.93	252	507712	6.438	ng/ul 98
88) Benzo(k)fluoranthene	22.97	252	189497m	2.498	ng/ul
90) Benzo(a)pyrene	23.51	252	313219	4.220	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.90	276	240041	2.746	ng/ul 97
93) Benzo(g,h,i)perylene	26.60	276	181861	2.526	ng/ul 95

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

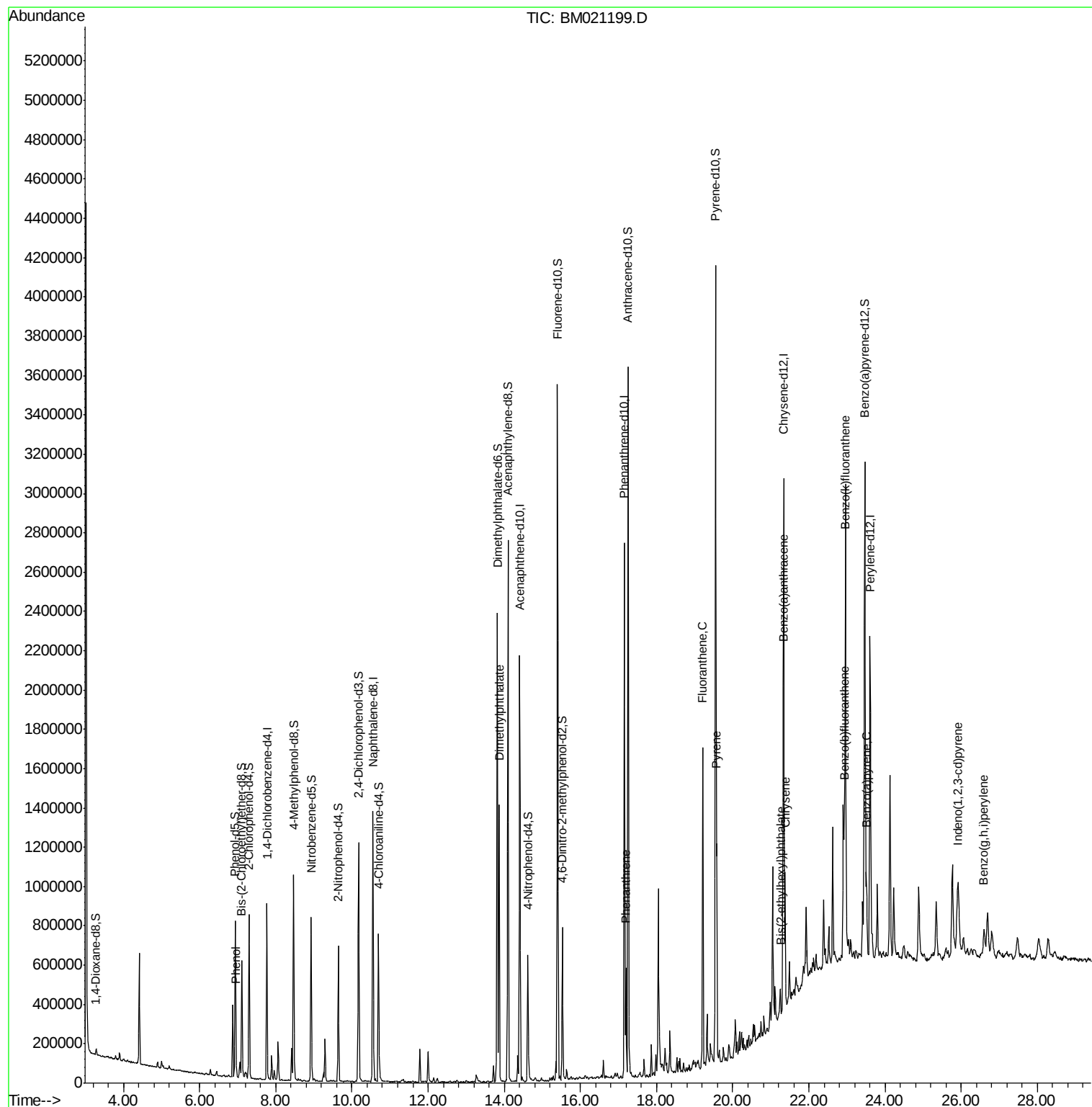
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021199.D
Acq On : 26 Jun 2019 19:30
Operator : HP/JU
Sample : K3501-08
Misc :
ALS Vial : 48 Sample Multiplier: 1

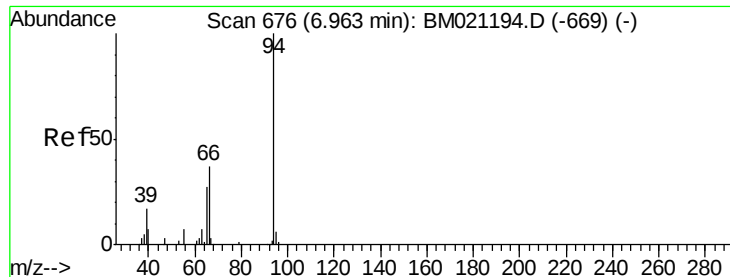
Instrument :
BNA_M
ClientSampleId :
C5AD6

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Quant Time: Jun 27 01:02:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 00:42:34 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.536 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM021199.D

Acq: 26 Jun 2019 19:30

Instrument :

BNA_M

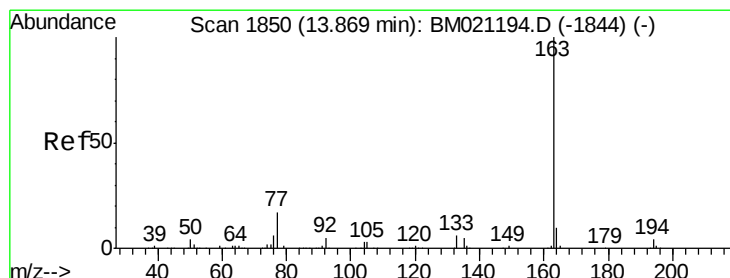
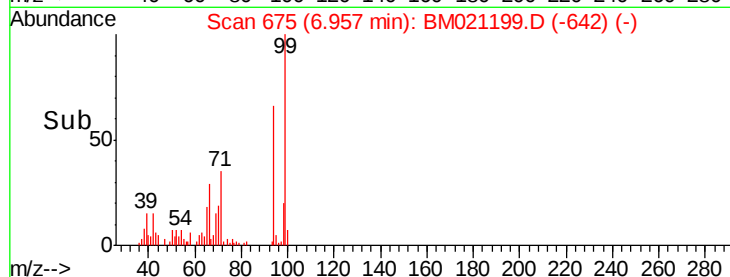
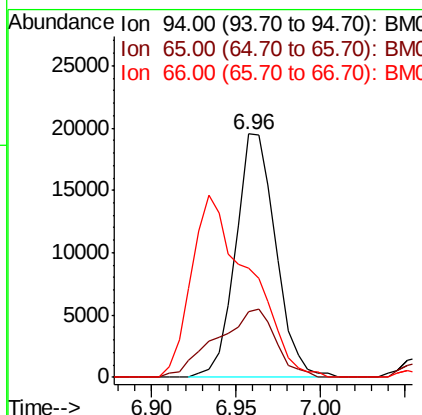
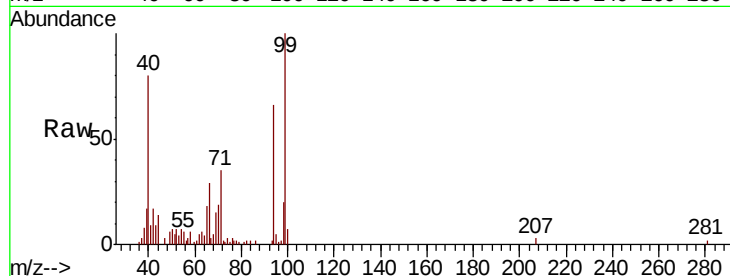
ClientSampled :

C5AD6

Tgt Ion:	94	Resp:	32284
Ion	Ratio	Lower	Upper
94	100		
65	27.0	22.6	34.0
66	44.6	31.2	46.8

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#44

Dimethylphthalate

Concen: 14.978 ng/ul

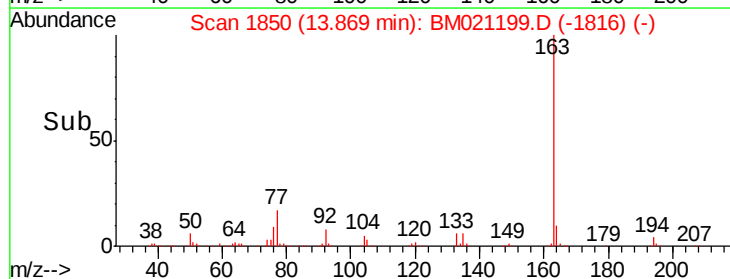
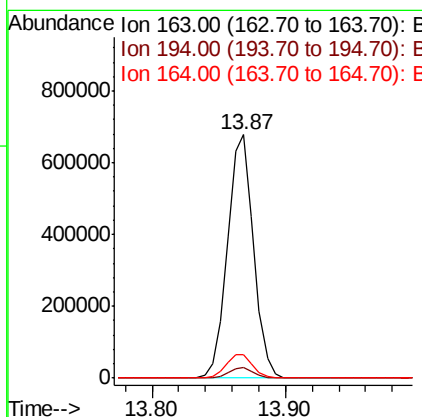
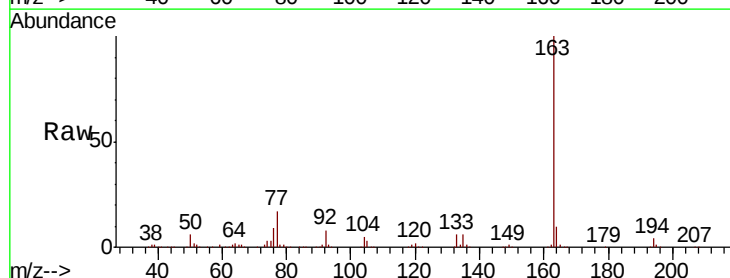
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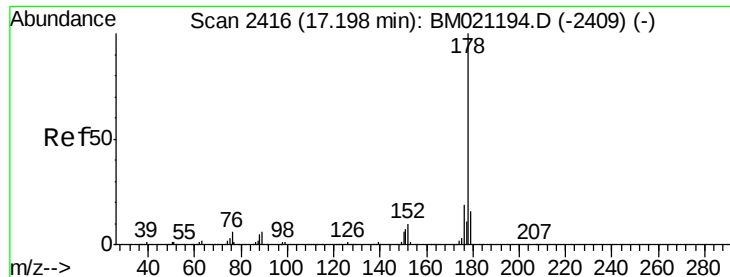
Delta R.T. 0.00 min

Lab File: BM021199.D

Acq: 26 Jun 2019 19:30

Tgt Ion:	163	Resp:	923444
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.9	7.7	11.5





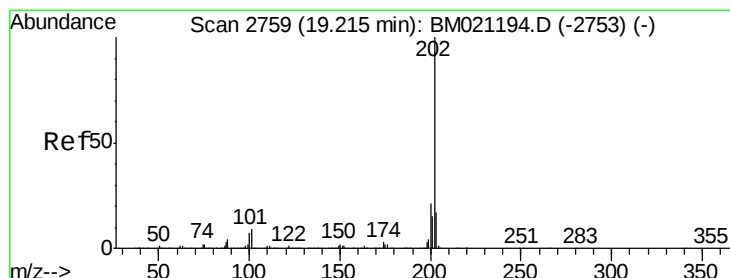
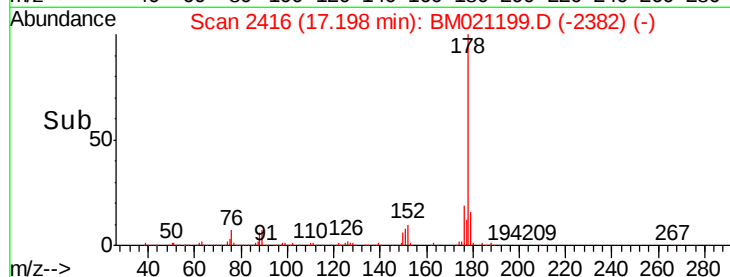
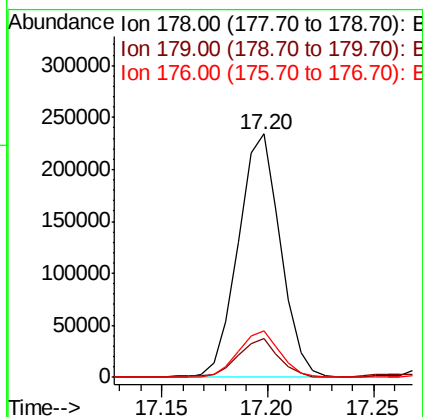
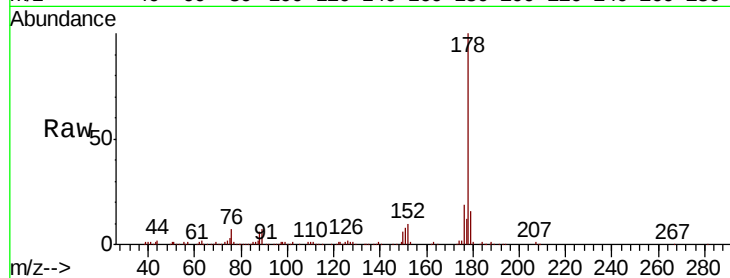
#69
Phenanthrene
Concen: 3.505 ng/ul
RT: 17.20 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BM021199.D
Acq: 26 Jun 2019 19:30

Instrument :
BNA_M
ClientSampleId :
C5AD6

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.8
176	19.2	15.0	22.6

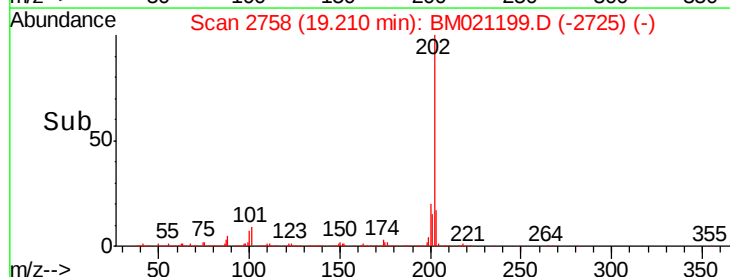
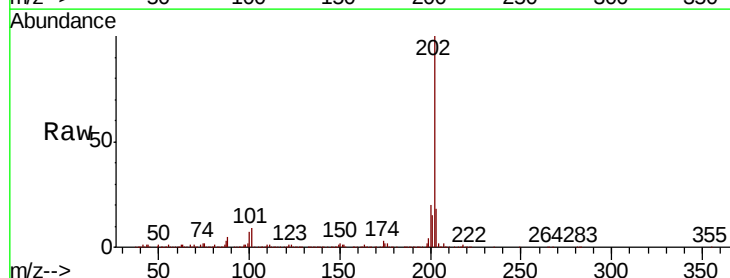
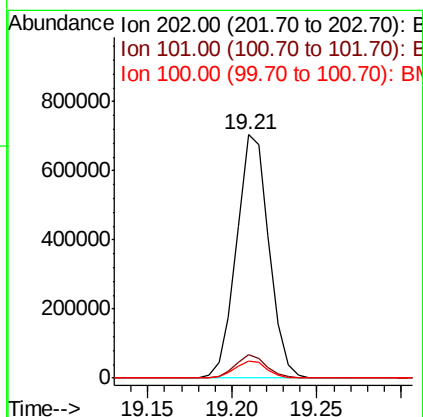
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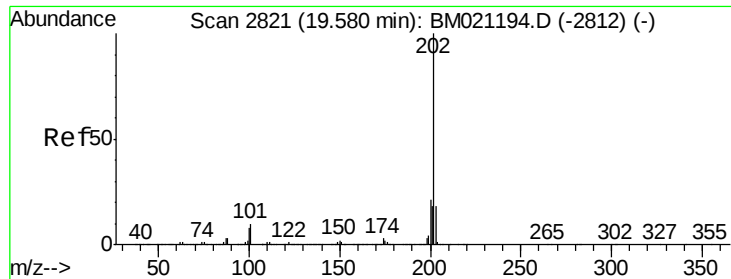
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#76
Fluoranthene
Concen: 9.432 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BM021199.D
Acq: 26 Jun 2019 19:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	6.7	10.1
100	7.2	5.5	8.3





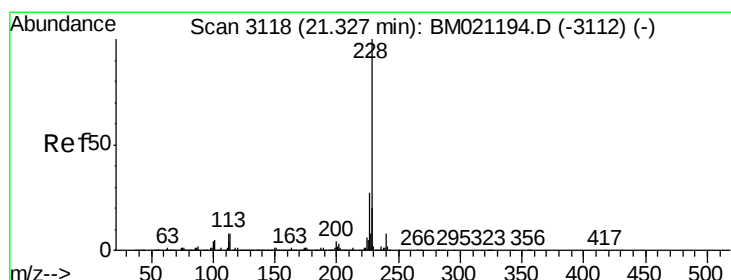
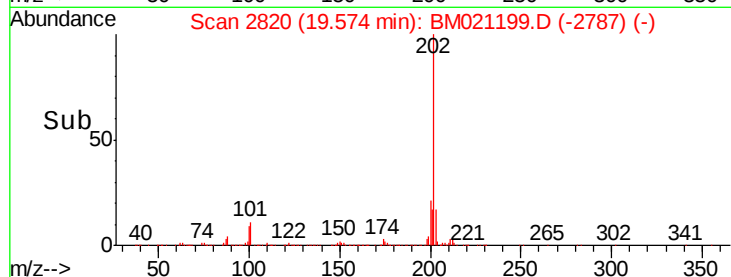
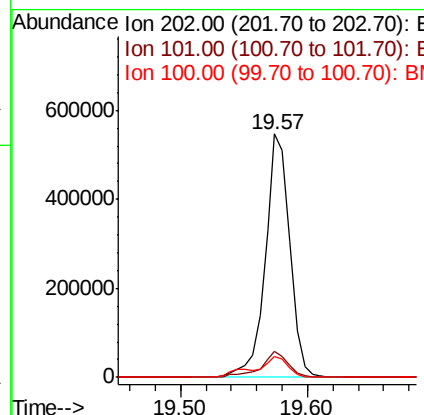
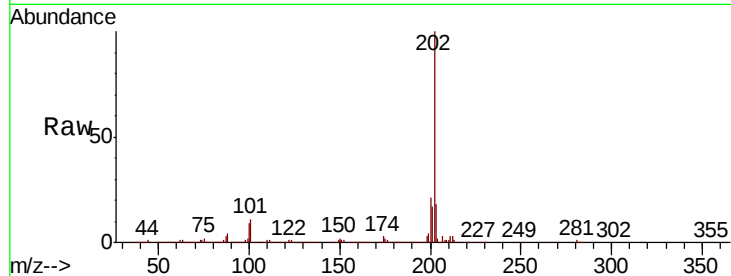
#79
 Pyrene
 Concen: 9.008 ng/ul
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.01 min
 Lab File: BM021199.D
 Acq: 26 Jun 2019 19:30

Instrument :
 BNA_M
 ClientSampleId :
 C5AD6

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.7	8.1	12.1
100	8.8	6.6	10.0

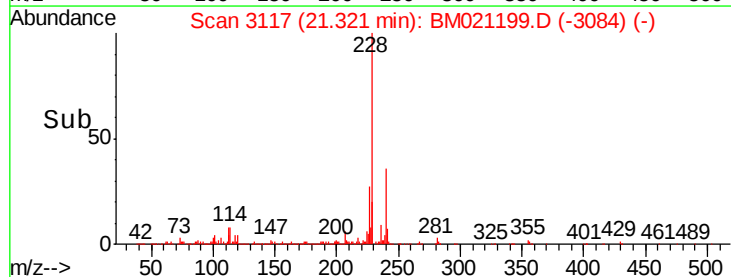
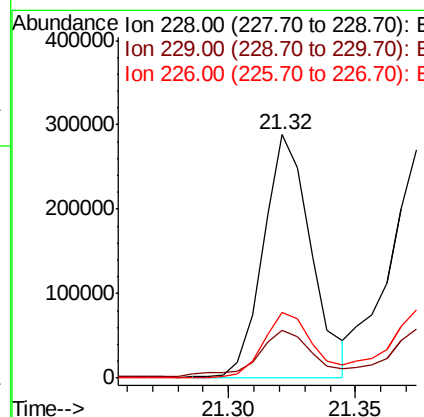
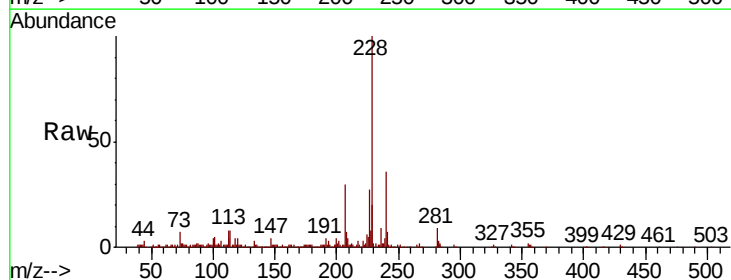
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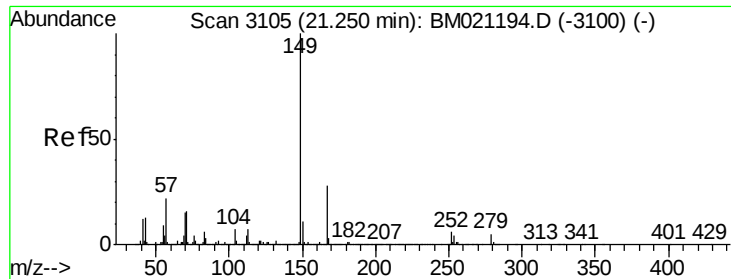
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#82
 Benzo(a)anthracene
 Concen: 4.803 ng/ul
 RT: 21.32 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM021199.D
 Acq: 26 Jun 2019 19:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	19.9	15.8	23.8
226	27.0	21.4	32.2





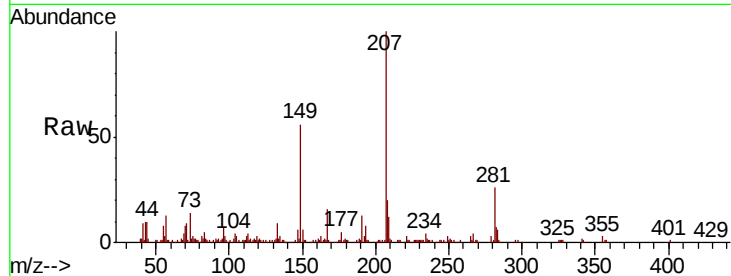
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.117 ng/ul
 RT: 21.25 min Scan# 3105
 Delta R.T. 0.00 min
 Lab File: BM021199.D
 Acq: 26 Jun 2019 19:30

Instrument :
 BNA_M
 ClientSampleId :
 C5AD6

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	5.6	3.8	5.6

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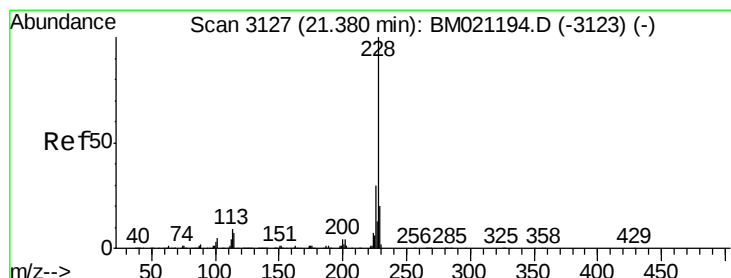
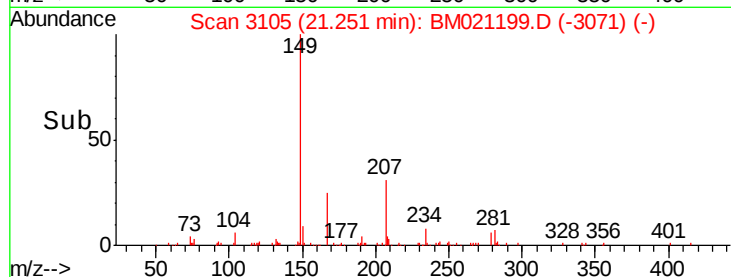
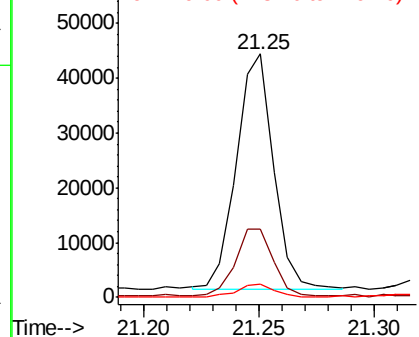


Abundance

Ion 149.00 (148.70 to 149.70): E

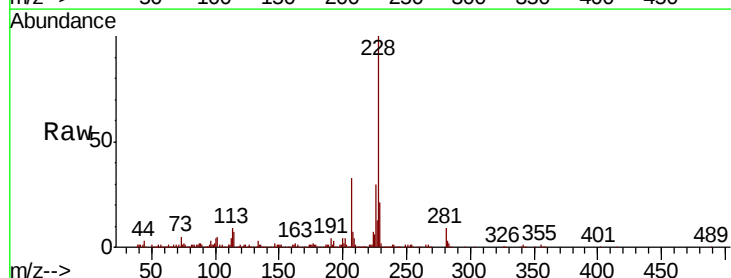
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Chrysene
 Concen: 5.222 ng/ul
 RT: 21.37 min Scan# 3126
 Delta R.T. -0.01 min
 Lab File: BM021199.D
 Acq: 26 Jun 2019 19:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	21.4	15.4	23.2

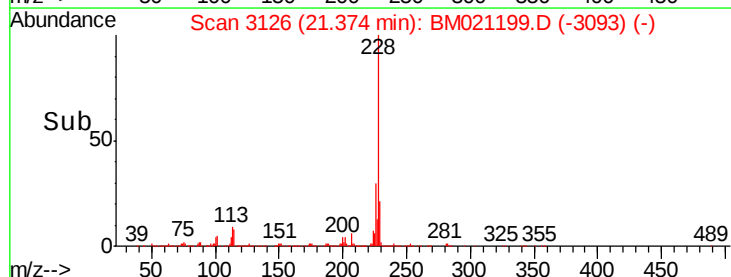
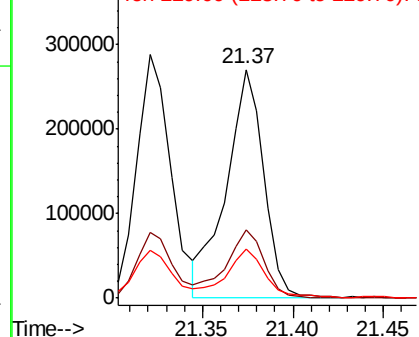


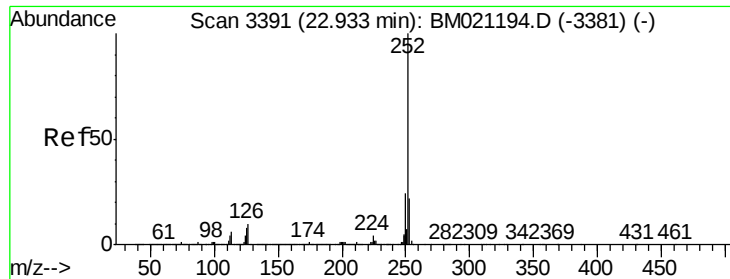
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





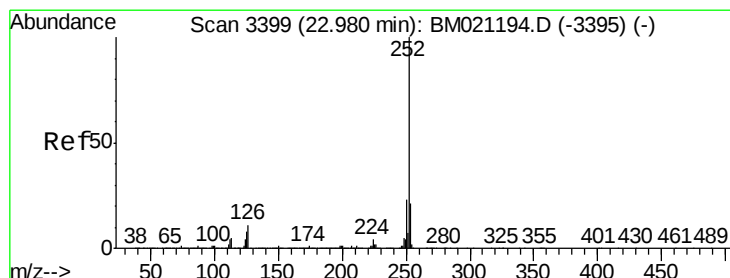
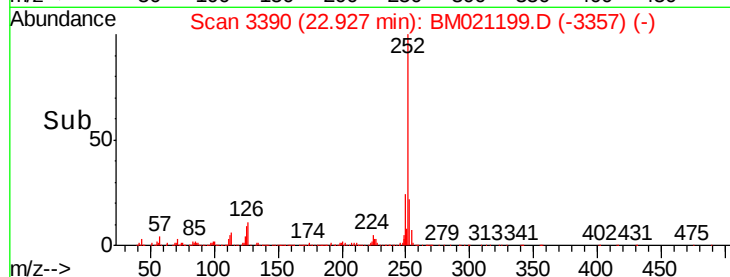
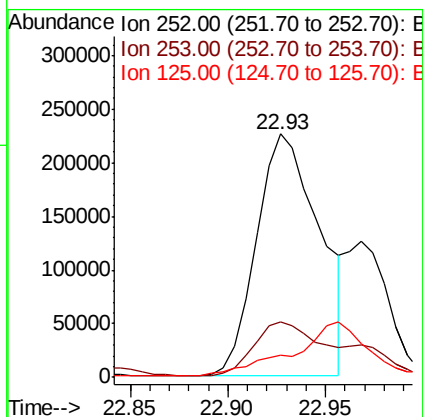
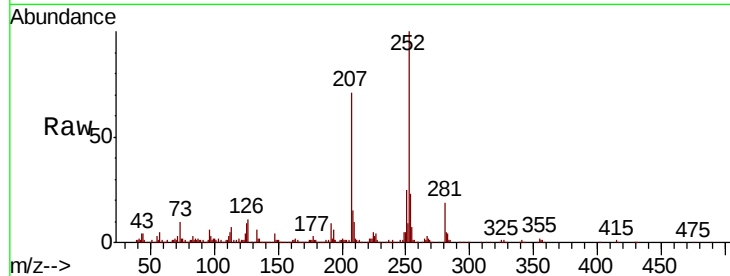
#87
Benzo(b)fluoranthene
Concen: 6.438 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. -0.01 min
Lab File: BM021199.D
Acq: 26 Jun 2019 19:30

Instrument :
BNA_M
ClientSampleId :
C5AD6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	9.2	6.3	9.5

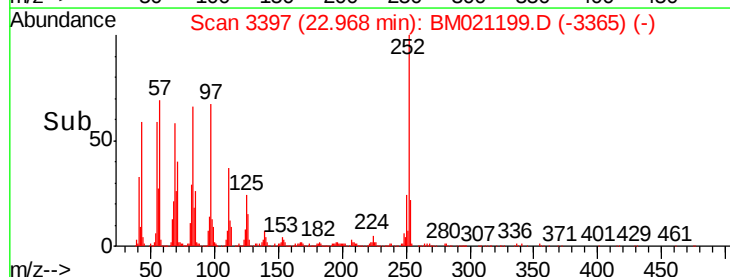
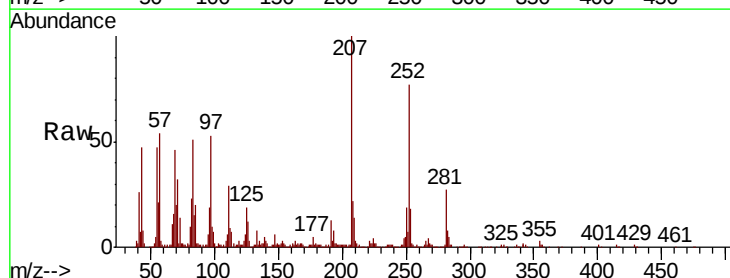
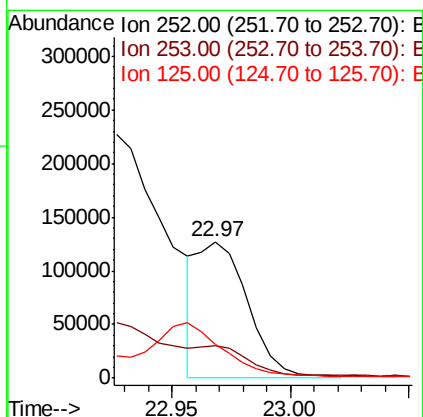
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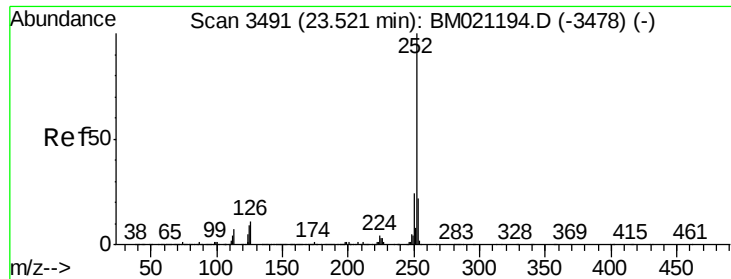
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#88
Benzo(k)fluoranthene
Concen: 2.498 ng/ul m
RT: 22.97 min Scan# 3397
Delta R.T. -0.01 min
Lab File: BM021199.D
Acq: 26 Jun 2019 19:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	24.5	6.6	9.8#





#90

Benzo(a)pyrene

Concen: 4.220 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BM021199.D

Acq: 26 Jun 2019 19:30

Instrument :

BNA_M

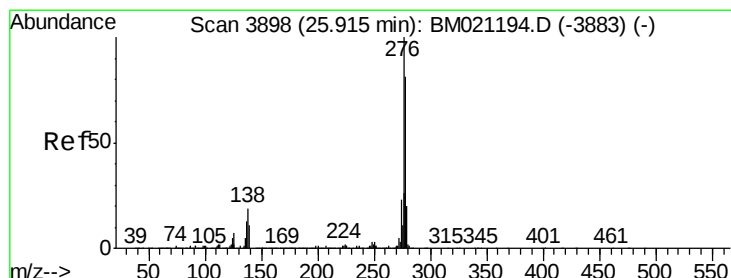
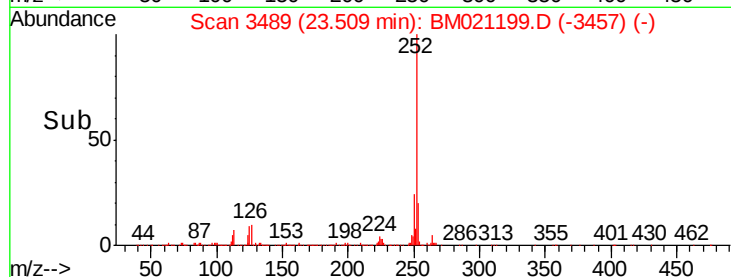
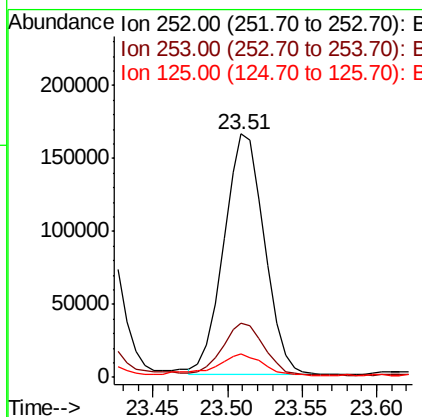
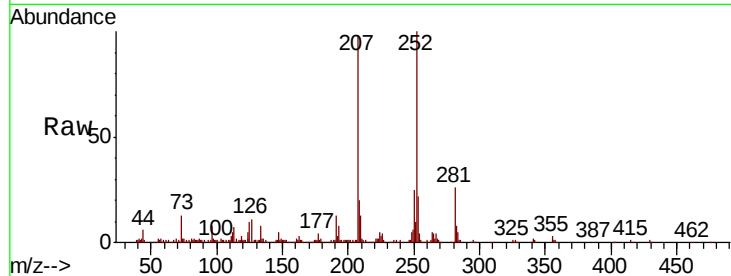
ClientSampleId :

C5AD6

Tgt Ion:	252	Resp:	313219
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.8
125	9.6	7.2	10.8

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#91

Indeno(1,2,3-cd)pyrene

Concen: 2.746 ng/ul

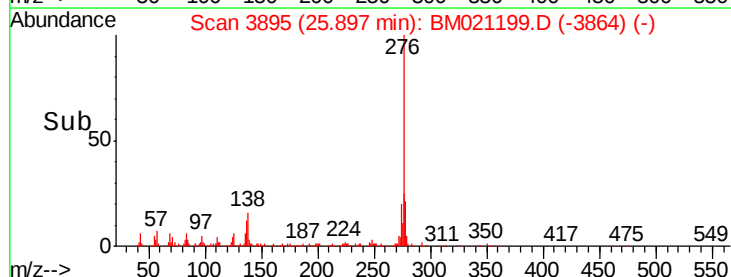
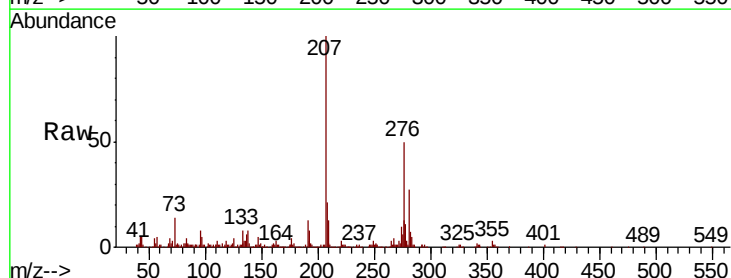
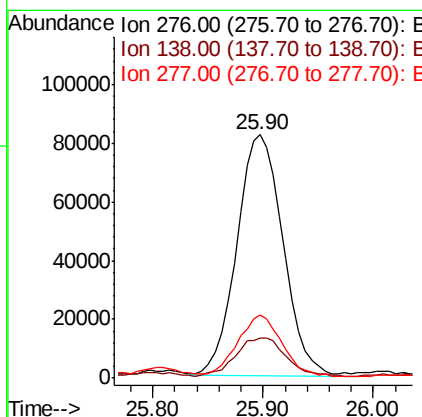
RT: 25.90 min Scan# 3895

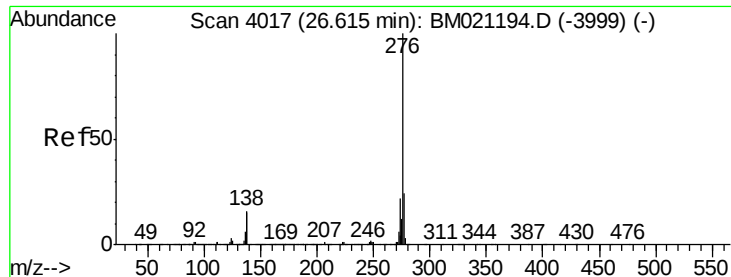
Delta R.T. -0.02 min

Lab File: BM021199.D

Acq: 26 Jun 2019 19:30

Tgt Ion:	276	Resp:	240041
Ion Ratio	Lower	Upper	
276	100		
138	16.6	15.9	23.9
277	25.8	20.4	30.6





#93

Benzo(g,h,i)perylene

Concen: 2.526 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. -0.01 min

Lab File: BM021199.D

Acq: 26 Jun 2019 19:30

Instrument :

BNA_M

ClientSampleId :

C5AD6

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		181861		
138	16.8	14.6	21.8		
277	26.4	18.9	28.3		

Manual Integrations
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