

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021259.D
 Acq On : 29 Jun 2019 13:25
 Operator : HP/JU
 Sample : K3593-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BC3

Manual Integrations
 APPROVED

mohammad
 7/1/2019 2:42:35 PM

Quant Time: Jul 02 00:55:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 05:07:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	260426	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1102512	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	691944	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1577239	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1204283	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1358600	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	26269	4.79	ng/uL	0.00
5) Phenol-d5	6.93	99	637637	28.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	346672	25.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	525556	28.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	541398	28.61	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	256717	28.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	300051	30.19	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	603462	29.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	562024	26.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1854183	29.66	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2171686	28.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	250336	24.62	ng/ul	0.00
57) Fluorene-d10	15.39	176	1601806	29.45	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.52	200	212047	21.87	ng/ul	-0.01
70) Anthracene-d10	17.24	188	2358145	28.77	ng/ul	-0.01
78) Pyrene-d10	19.54	212	2272536	31.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2242176	27.97	ng/ul	-0.01

Target Compounds

					Ovalue
6) Phenol	6.96	94	27375	1.277	ng/ul 90
44) Dimethylphthalate	13.86	163	254666	4.475	ng/ul 99
69) Phenanthrene	17.19	178	410388	4.705	ng/ul 100
76) Fluoranthene	19.20	202	903995	9.591	ng/ul 98
79) Pyrene	19.57	202	742175	8.717	ng/ul 99
82) Benzo(a)anthracene	21.32	228	391452	4.768	ng/ul 99
83) Bis(2-ethylhexyl)phthalate	21.24	149	106410	2.371	ng/ul 100
84) Chrysene	21.37	228	409501	5.326	ng/ul 99
87) Benzo(b)fluoranthene	22.92	252	611759	7.108	ng/ul 96
88) Benzo(k)fluoranthene	22.96	252	199186m	2.406	ng/ul
90) Benzo(a)pyrene	23.50	252	363849	4.492	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.89	276	300272	3.148	ng/ul 96
93) Benzo(g,h,i)perylene	26.59	276	249050	3.170	ng/ul 97

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

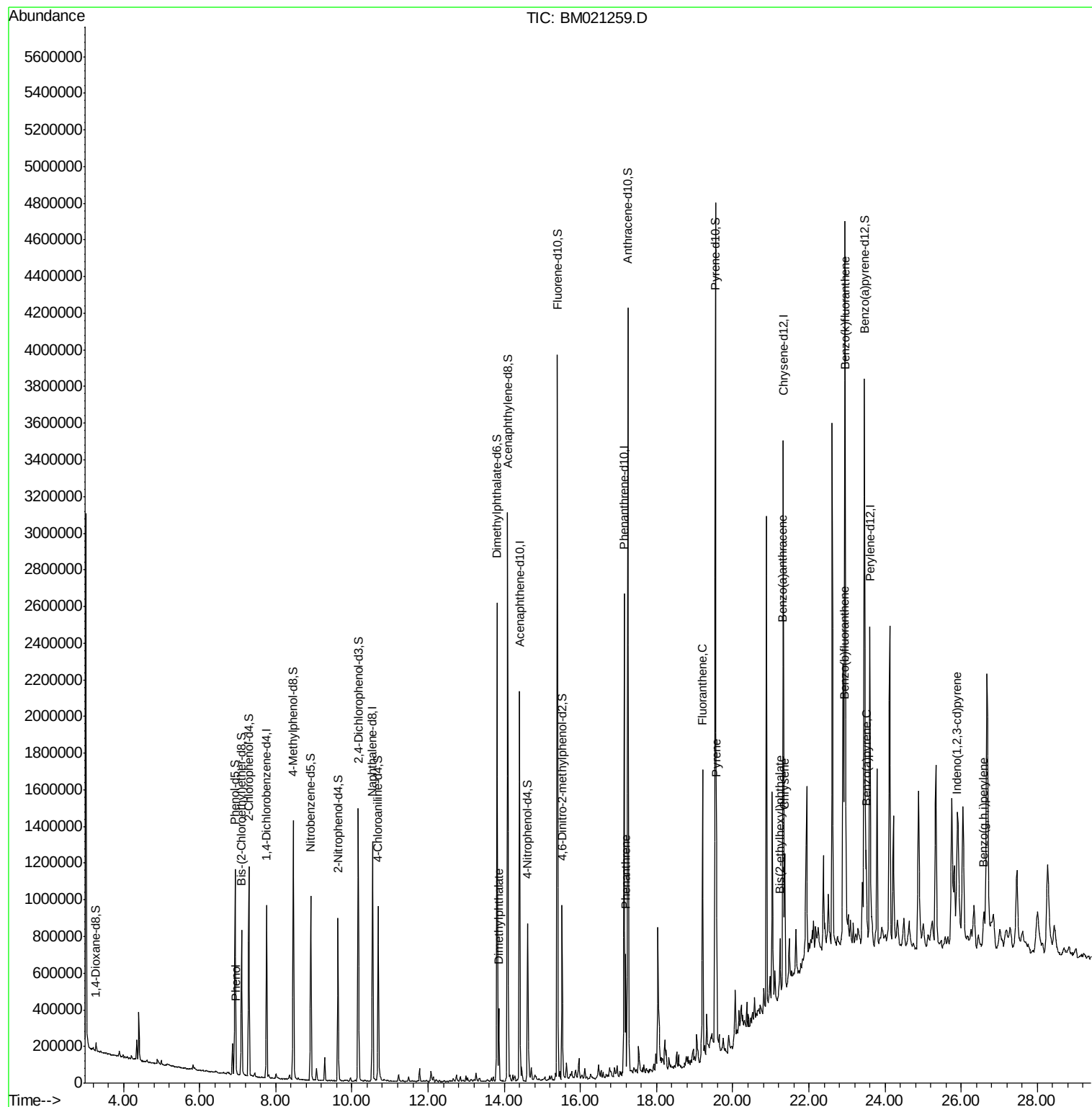
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021259.D
Acq On : 29 Jun 2019 13:25
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Sample : K3593-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

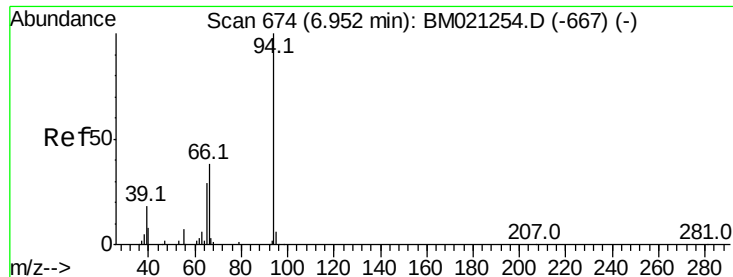
Instrument :
BNA_M
ClientSampled :
C5BC3

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7/1/2019 2:42:35 PM

Quant Time: Jul 02 00:55:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
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#6

Phenol

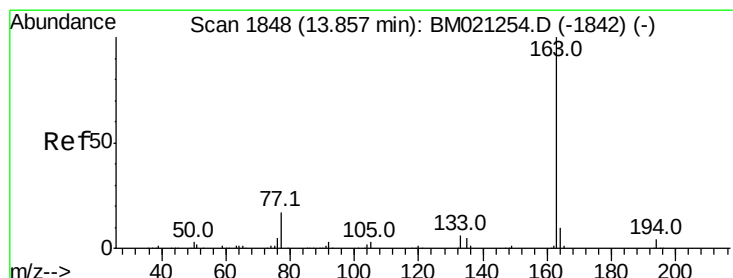
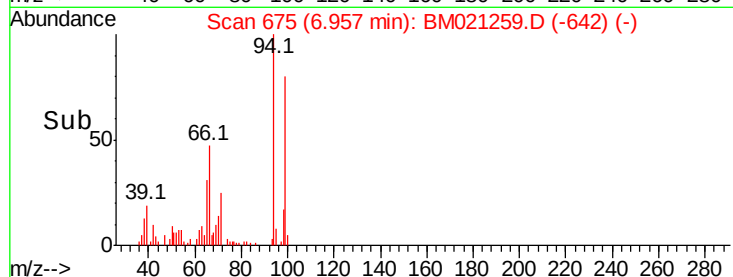
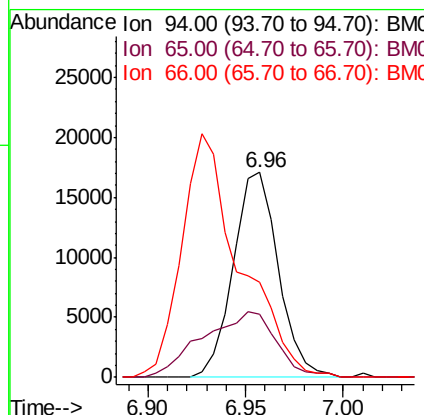
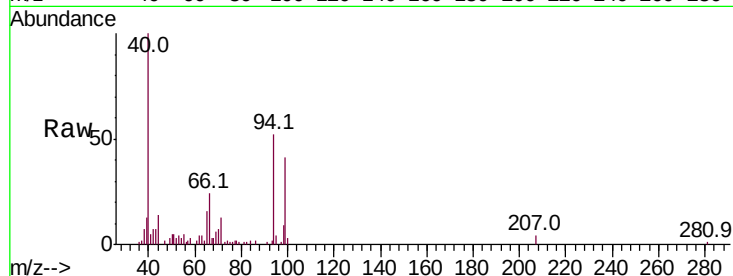
Concen: 1.277 ng/ul
 RT: 6.96 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BM021259.D
 Acq: 29 Jun 2019 13:25

Instrument :
 BNA_M
 ClientSampled :
 C5BC3

Tot Ion	Ratio	Lower	Upper
94	100		
65	31.1	22.6	34.0
66	46.7	31.2	46.8

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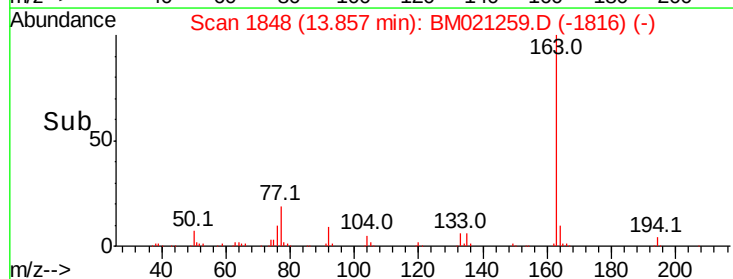
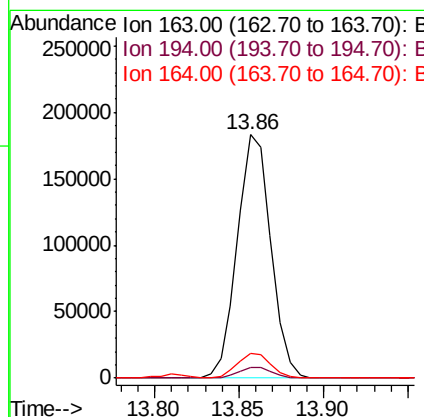
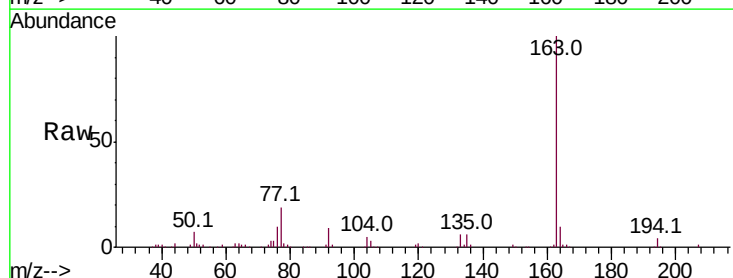


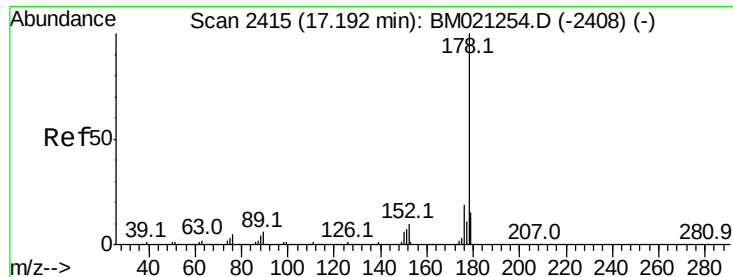
#44

Dimethylphthalate

Concen: 4.475 ng/ul
 RT: 13.86 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BM021259.D
 Acq: 29 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	7.7	11.5





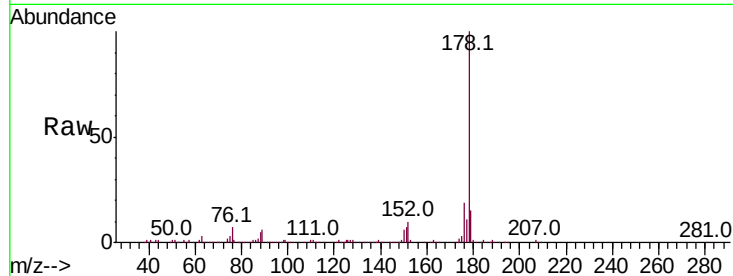
#69
Phenanthrene
Concen: 4.705 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM021259.D
Acq: 29 Jun 2019 13:25

Instrument :
BNA_M
ClientSampleId :
C5BC3

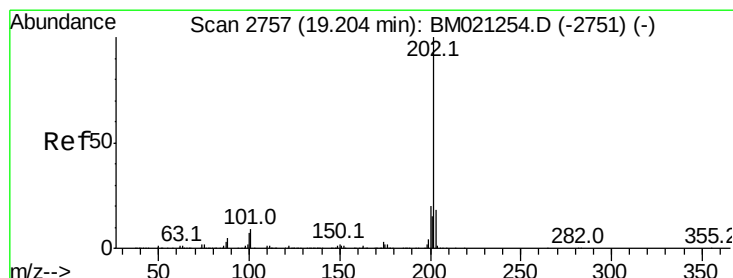
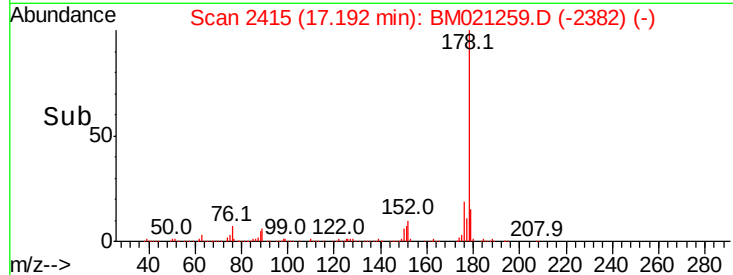
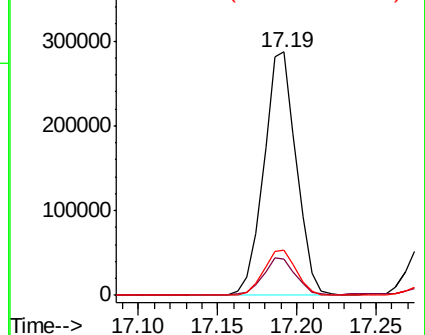
Tot Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.8	17.8
176	18.5	15.0	22.6

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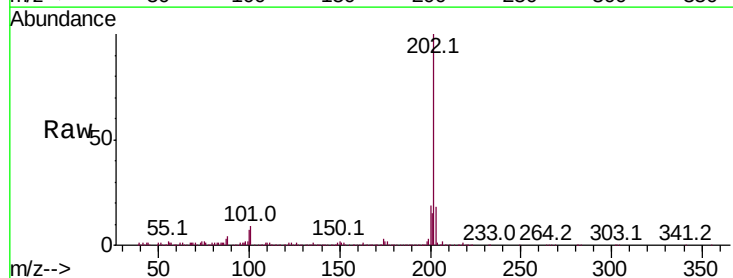


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

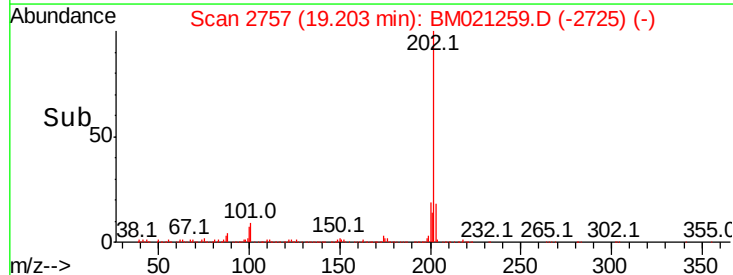
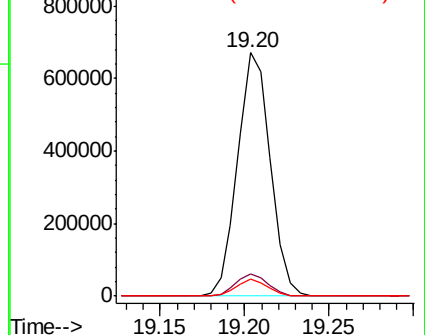


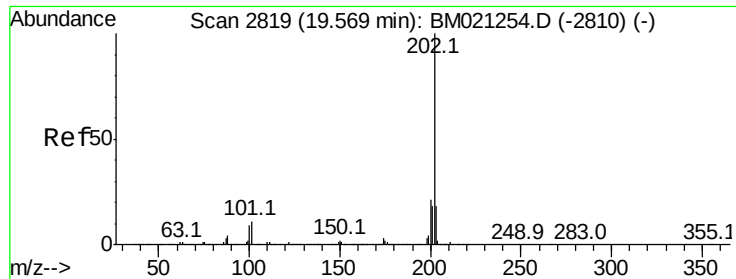
#76
Fluoranthene
Concen: 9.591 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.01 min
Lab File: BM021259.D
Acq: 29 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	6.7	10.1
100	7.0	5.5	8.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E





#79

Pvrene

Concen: 8.717 ng/ul

RT: 19.57 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BM021259.D

Acq: 29 Jun 2019 13:25

Instrument :

BNA_M

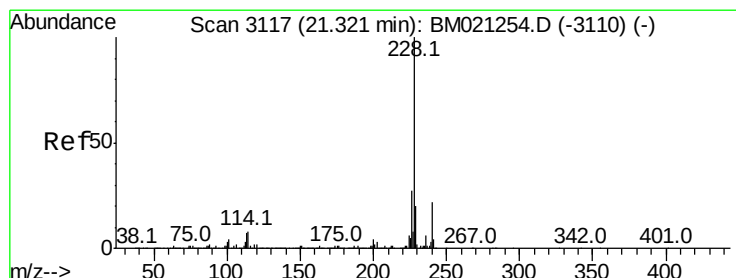
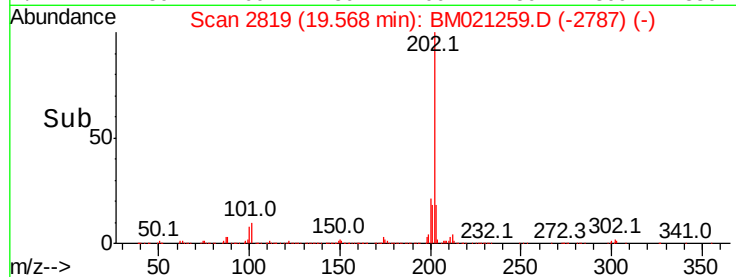
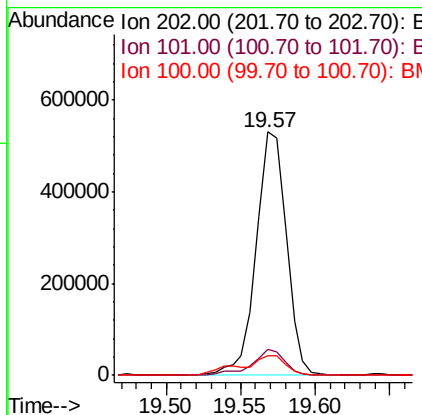
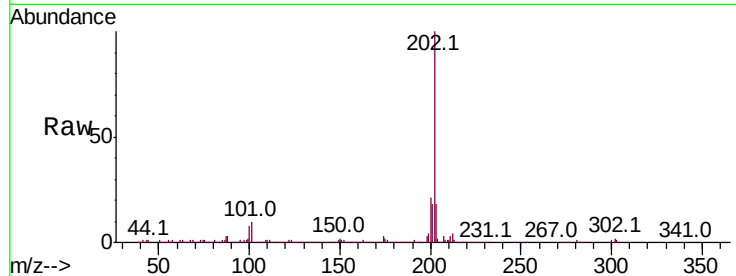
ClientSampleId :

C5BC3

Tot Ion:	202	Resp:	742175
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.1	12.1
100	8.3	6.6	10.0

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#82

Benzo(a)anthracene

Concen: 4.768 ng/ul

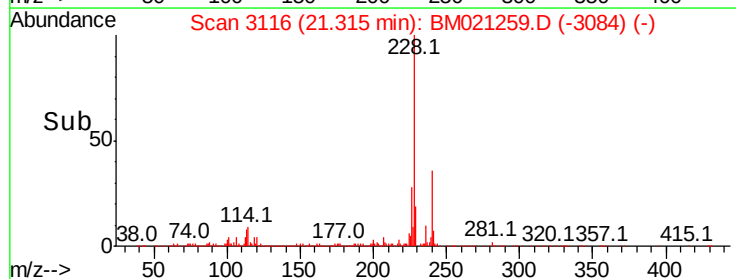
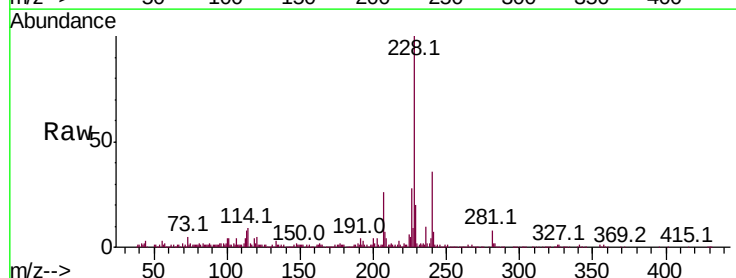
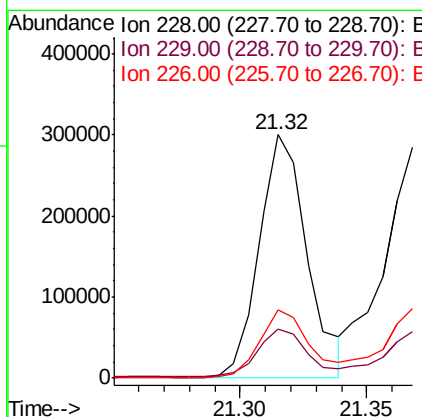
RT: 21.32 min Scan# 3116

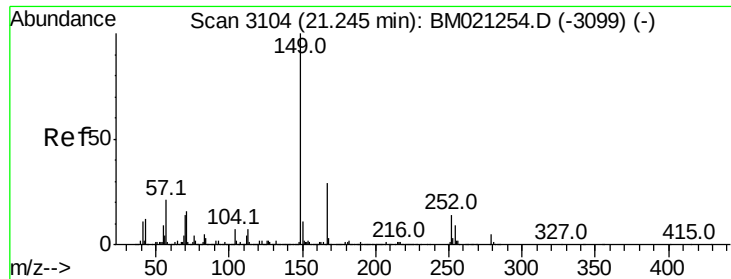
Delta R.T. -0.01 min

Lab File: BM021259.D

Acq: 29 Jun 2019 13:25

Tgt Ion:	228	Resp:	391452
Ion Ratio	Lower	Upper	
228	100		
229	19.9	15.8	23.8
226	28.0	21.4	32.2





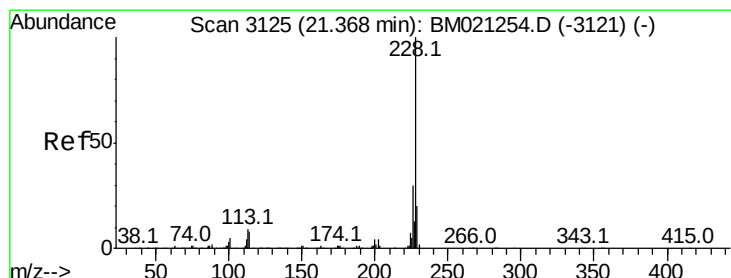
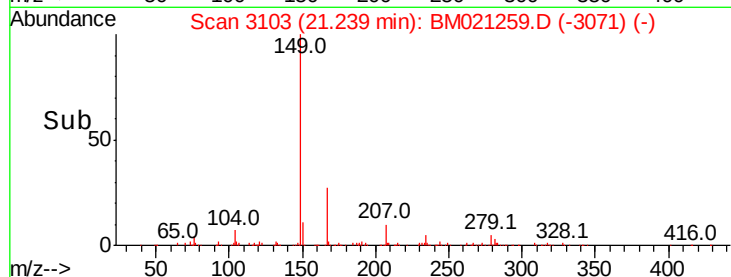
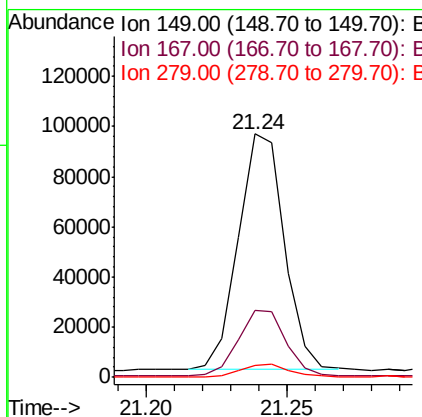
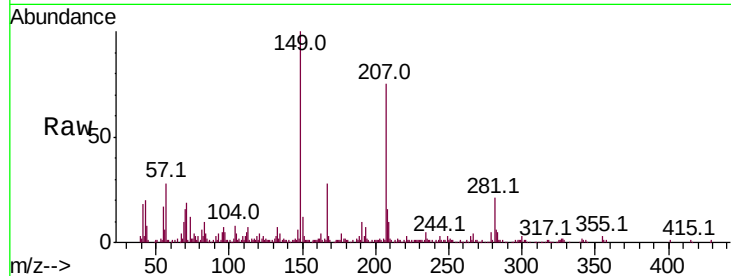
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.371 ng/ul
 RT: 21.24 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM021259.D
 Acq: 29 Jun 2019 13:25

Instrument :
 BNA_M
 ClientSampleId :
 C5BC3

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.3	33.5
279	4.9	3.8	5.6

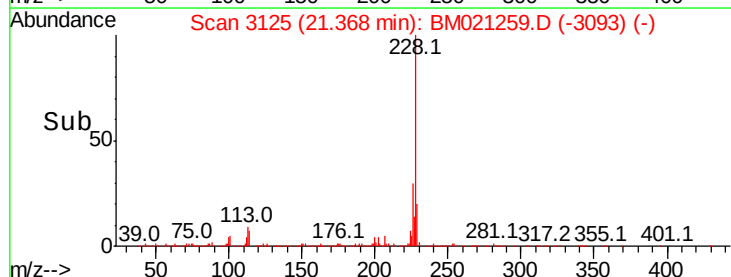
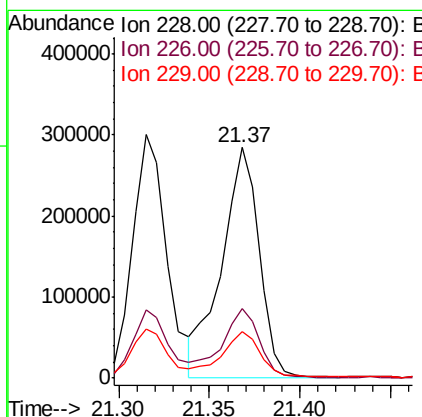
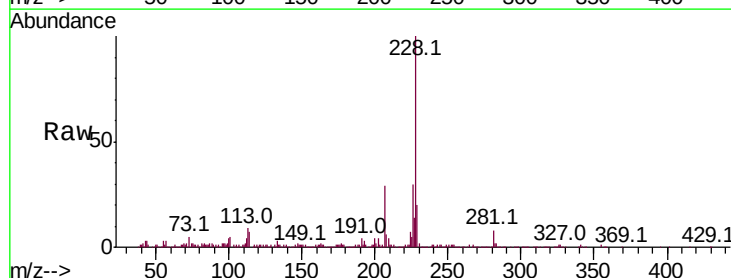
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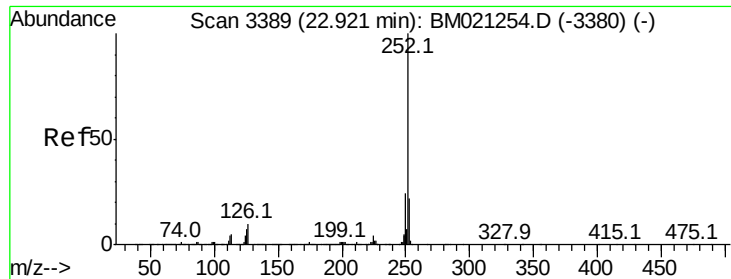
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#84
 Chrysene
 Concen: 5.326 ng/ul
 RT: 21.37 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BM021259.D
 Acq: 29 Jun 2019 13:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	20.0	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 7.108 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM021259.D

Acq: 29 Jun 2019 13:25

Instrument :

BNA_M

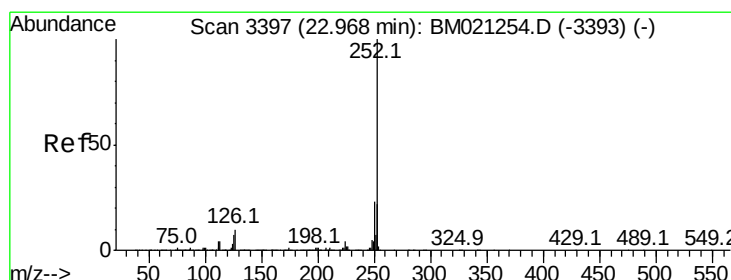
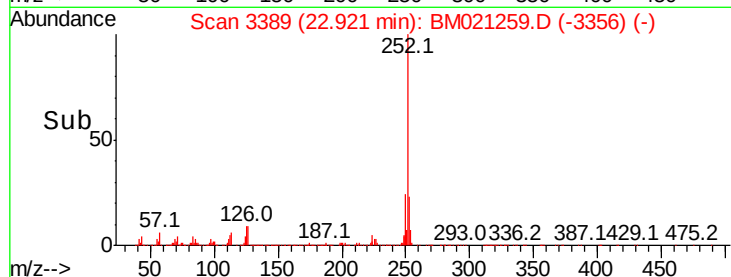
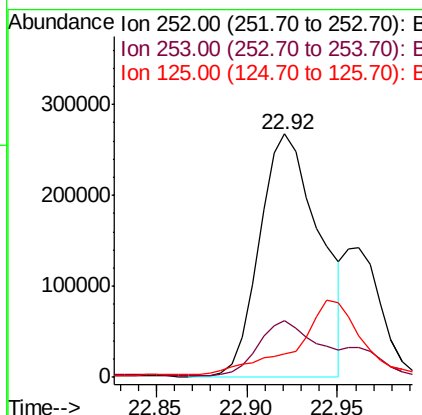
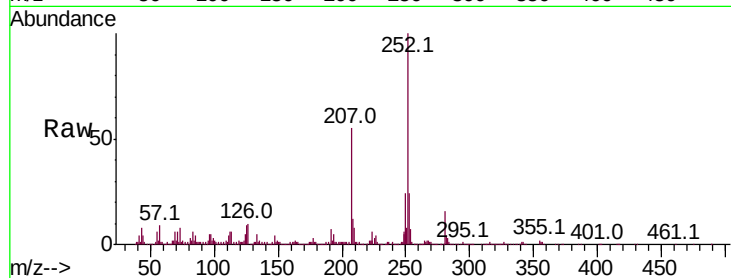
ClientSampleId :

C5BC3

Tot Ion:	252	Resp:	611759
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.5	26.3
125	9.5	6.3	9.5

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#88

Benzo(k)fluoranthene

Concen: 2.406 ng/ul m

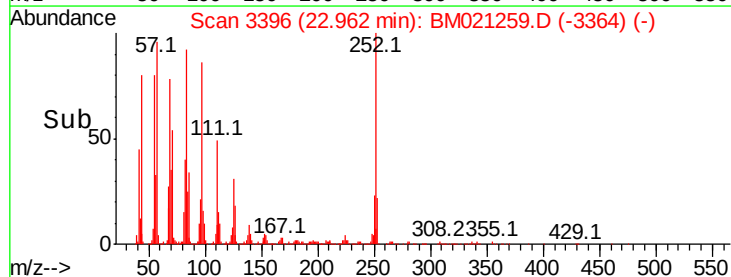
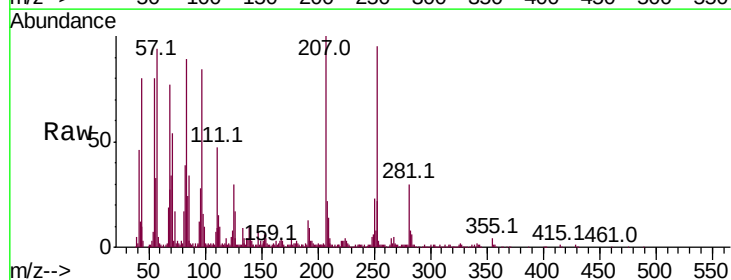
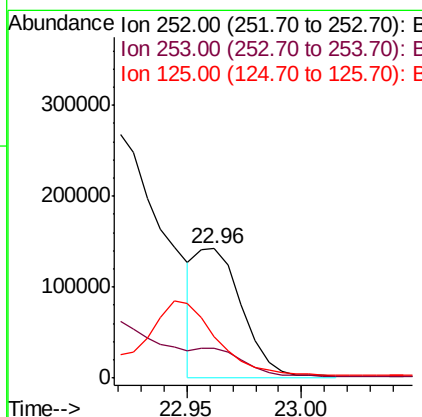
RT: 22.96 min Scan# 3396

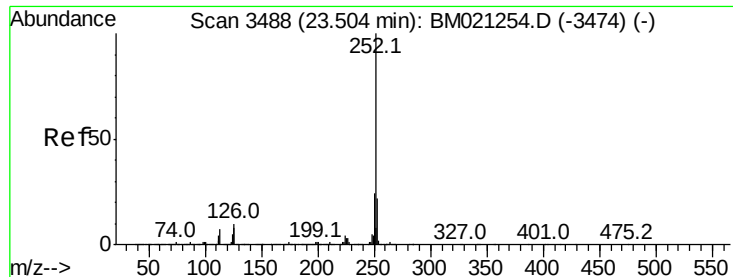
Delta R.T. -0.01 min

Lab File: BM021259.D

Acq: 29 Jun 2019 13:25

Tgt Ion:	252	Resp:	199186
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.5	26.3
125	31.9	6.6	9.8#





#90

Benzo(a)pyrene

Concen: 4.492 ng/ul

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM021259.D

Acq: 29 Jun 2019 13:25

Instrument :

BNA_M

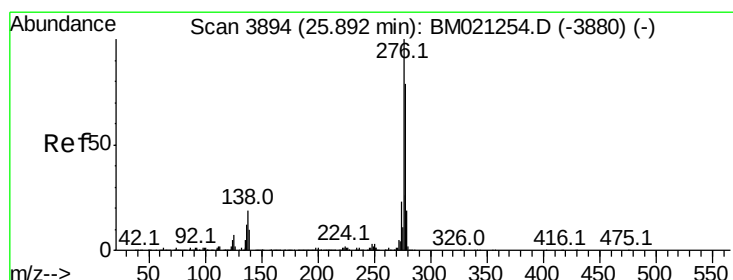
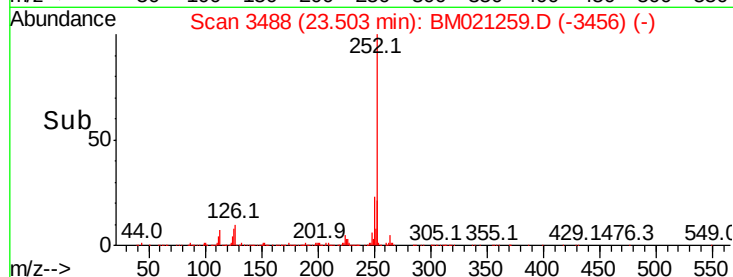
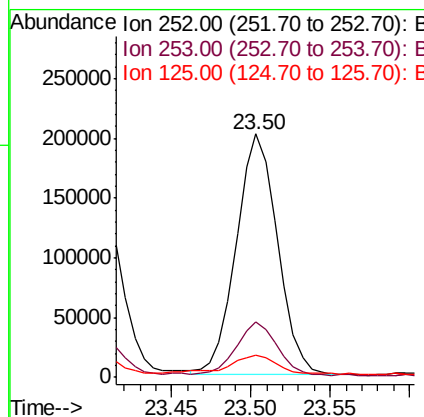
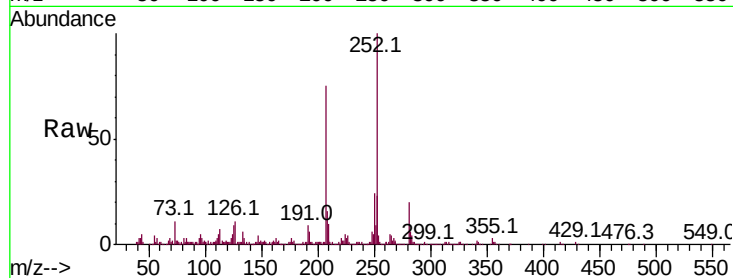
ClientSampleId :

C5BC3

Tot Ion:	252	Resp:	363849
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.8
125	9.0	7.2	10.8

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#91

Indeno(1,2,3-cd)pyrene

Concen: 3.148 ng/ul

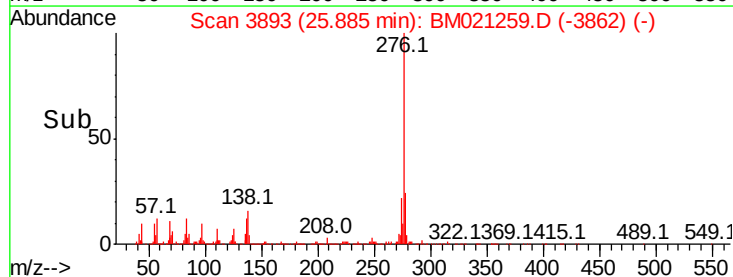
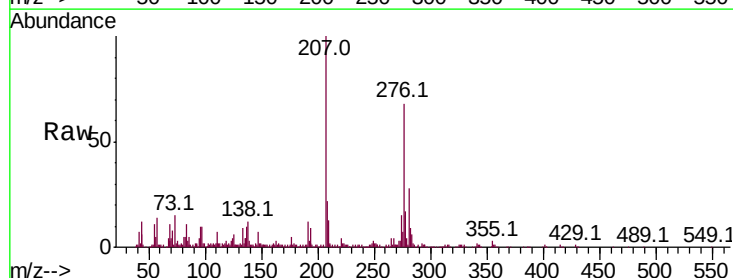
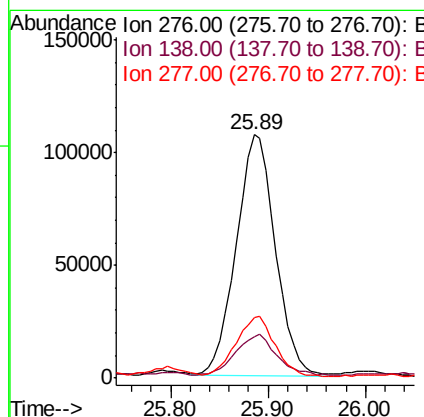
RT: 25.89 min Scan# 3893

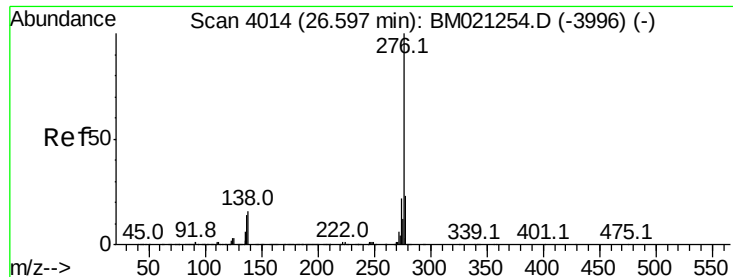
Delta R.T. -0.02 min

Lab File: BM021259.D

Acq: 29 Jun 2019 13:25

Tgt Ion:	276	Resp:	300272
Ion Ratio	Lower	Upper	
276	100		
138	16.8	15.9	23.9
277	24.8	20.4	30.6





#93

Benzo(a,h,i)perylene

Concen: 3.170 ng/ul

RT: 26.59 min Scan# 4013

Delta R.T. -0.02 min

Lab File: BM021259.D

Acq: 29 Jun 2019 13:25

Instrument :

BNA_M

ClientSampleId :

C5BC3

Tot Ion:	276	Resp:	249050
Ion Ratio	Lower	Upper	
276	100		
138	16.3	14.6	21.8
277	24.9	18.9	28.3

Manual Integrations
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