

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
 Data File : BM016098.D
 Acq On : 27 Jul 2018 12:19
 Operator : SJ/JU
 Sample : J4172-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0CZ8

Manual Integrations
 APPROVED

Sohil
 7/30/2018 5:47:24 PM

Quant Time: Jul 27 23:33:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 27 23:04:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	76539	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	324578	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.83	164	164733	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	295540	20.00	ng/ul	0.00
77) Chrysene-d12	21.68	240	222762	20.00	ng/ul	0.00
85) Perylene-d12	24.04	264	228847	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	7764	4.47	ng/uL	0.00
5) Phenol-d5	7.36	99	152489	21.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	107155	24.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	140589	24.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	131140	21.89	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	64448	27.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	72070	27.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	131741	25.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	151396	24.25	ng/ul	0.00
43) Dimethylphthalate-d6	14.23	166	410152	27.31	ng/ul	0.00
46) Acenaphthylene-d8	14.53	160	476668	27.83	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	31589	12.14	ng/ul	0.00
57) Fluorene-d10	15.82	176	317215	24.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	30643	15.54	ng/ul	0.00
70) Anthracene-d10	17.66	188	415566	27.47	ng/ul	0.00
78) Pyrene-d10	19.92	212	356142	34.49	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.89	264	354304	28.15	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	14.28	163	56612	3.807	ng/ul#	96
69) Phenanthrene	17.60	178	135256	7.741	ng/ul	100
71) Anthracene	17.69	178	36479	2.025	ng/ul	94
76) Fluoranthene	19.59	202	346150	15.785	ng/ul#	94
79) Pyrene	19.95	202	305176	23.239	ng/ul#	93
82) Benzo(a)anthracene	21.66	228	168481	11.698	ng/ul	97
84) Chrysene	21.72	228	146234	10.855	ng/ul	98
87) Benzo(b)fluoranthene	23.33	252	228637	15.575	ng/ul	98
88) Benzo(k)fluoranthene	23.37	252	80416m	5.731	ng/ul	
90) Benzo(a)pyrene	23.94	252	168977	11.972	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	26.46	276	118736	6.842	ng/ul#	89
92) Dibenzo(a,h)anthracene	26.46	278	29287	1.993	ng/ul#	80
93) Benzo(g,h,i)perylene	27.20	276	98578	7.104	ng/ul#	93

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

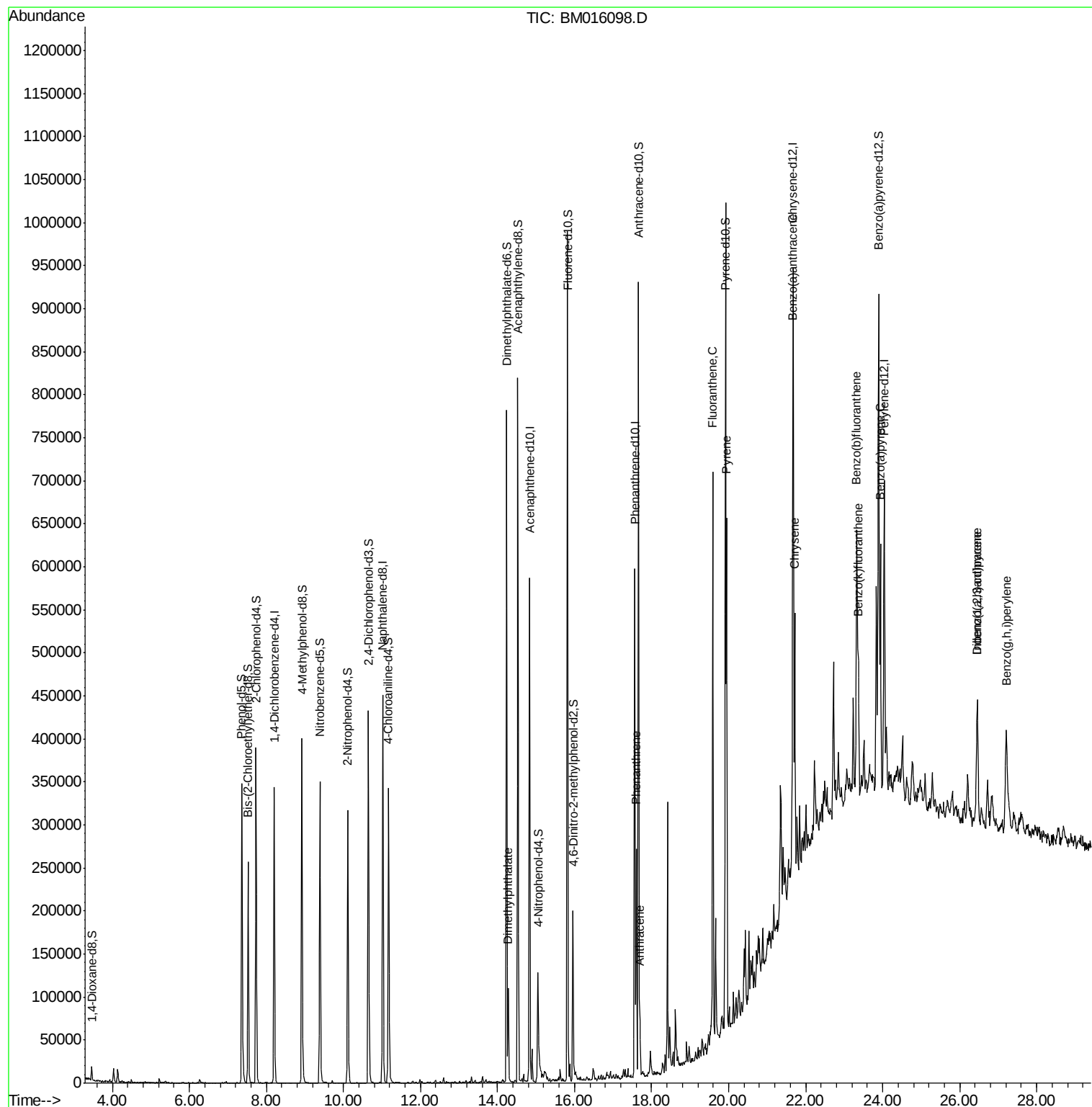
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072718\
Data File : BM016098.D
Acq On : 27 Jul 2018 12:19
Operator : SJ/JU
Sample : J4172-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

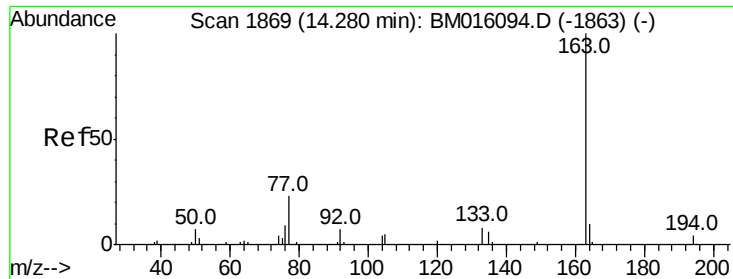
Instrument :
BNA_M
ClientSampleId :
C0CZ8

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Quant Time: Jul 27 23:33:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 27 23:04:38 2018
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 3.807 ng/ul

RT: 14.28 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BM016098.D

Acq: 27 Jul 2018 12:19

Instrument :

BNA_M

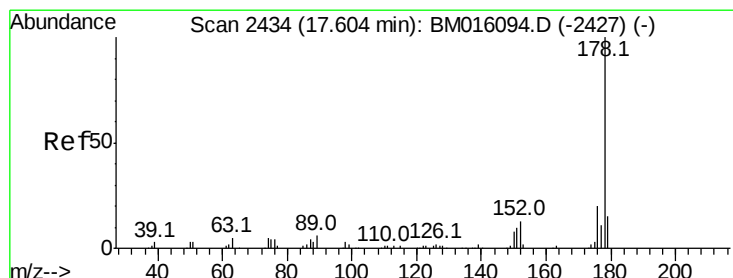
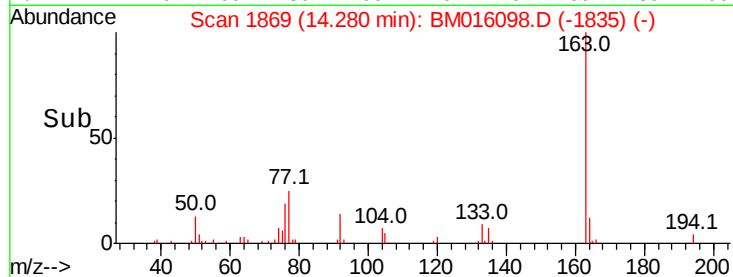
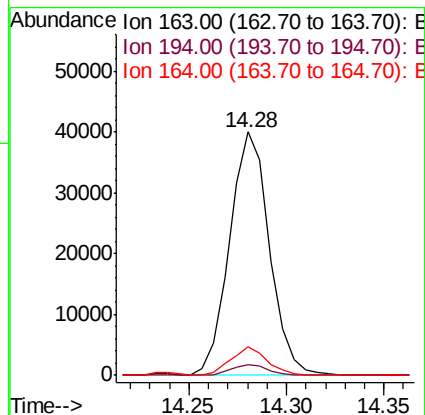
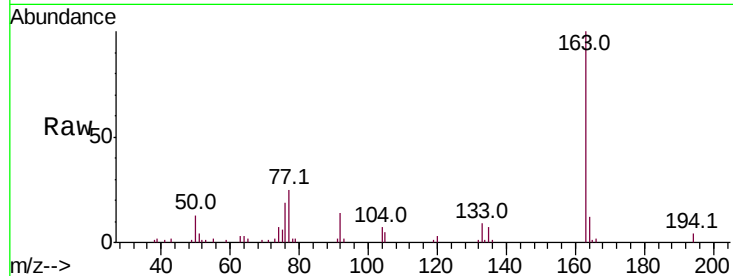
ClientSampled :

C0CZ8

Tot Ion:	163	Resp:	56612
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.2	4.8
164	11.8	7.8	11.8#

Manual Integrations
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#69

Phenanthrene

Concen: 7.741 ng/ul

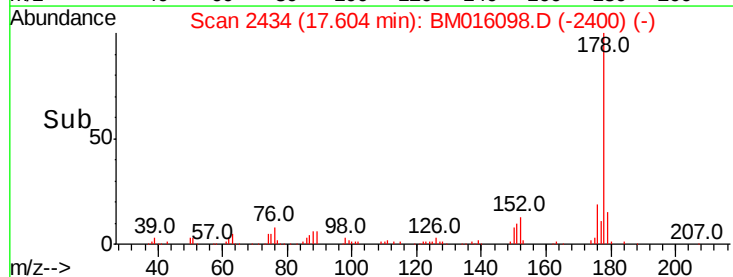
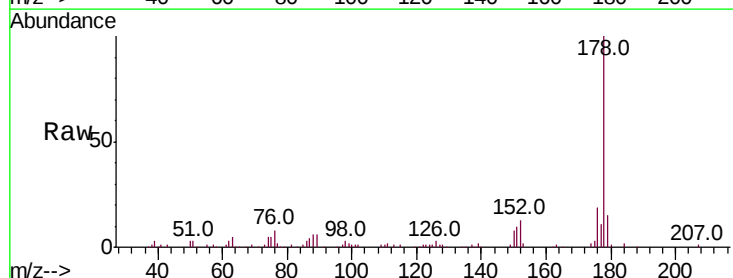
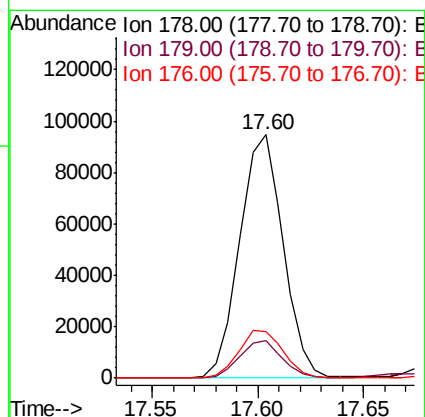
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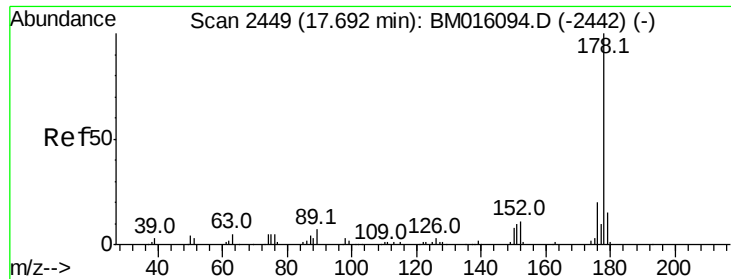
Delta R.T. 0.00 min

Lab File: BM016098.D

Acq: 27 Jul 2018 12:19

Tgt Ion:	178	Resp:	135256
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.2	18.4
176	19.3	15.6	23.4





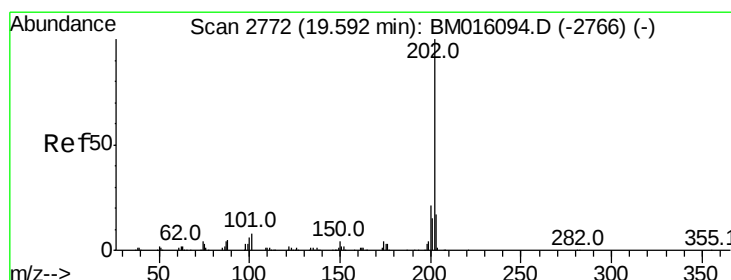
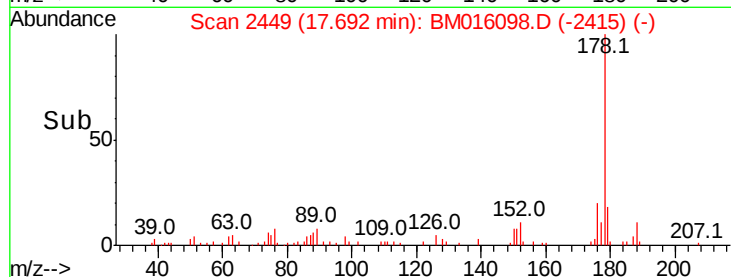
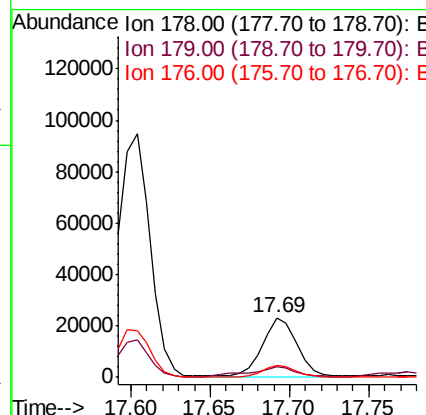
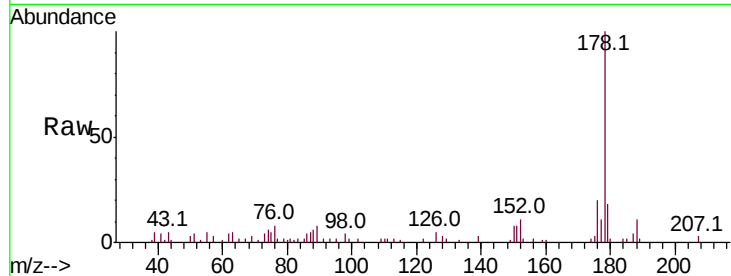
#71
 Anthracene
 Concen: 2.025 ng/ul
 RT: 17.69 min Scan# 2449
 Delta R.T. 0.00 min
 Lab File: BM016098.D
 Acq: 27 Jul 2018 12:19

Instrument :
 BNA_M
 ClientSampleId :
 C0CZ8

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.1	18.1
176	20.4	14.8	22.2

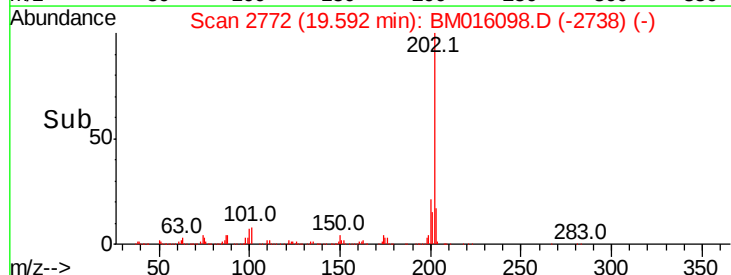
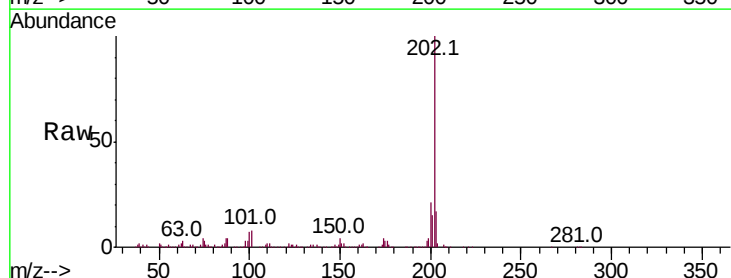
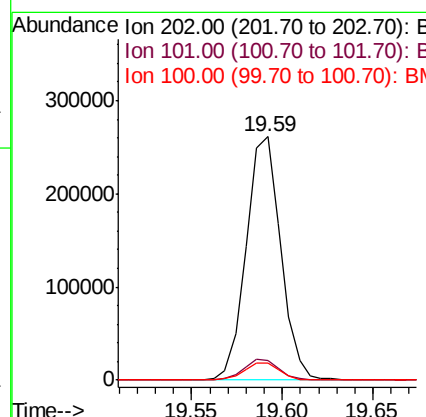
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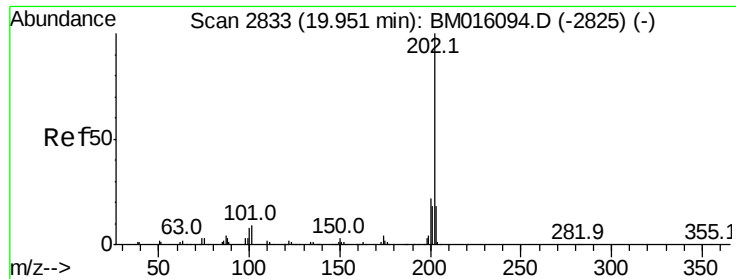
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 7/30/2018 5:47:24 PM



#76
 Fluoranthene
 Concen: 15.785 ng/ul
 RT: 19.59 min Scan# 2772
 Delta R.T. 0.00 min
 Lab File: BM016098.D
 Acq: 27 Jul 2018 12:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	8.8	13.2#
100	6.9	6.6	9.8





#79

Pvrene

Concen: 23.239 ng/ul

RT: 19.95 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BM016098.D

Acq: 27 Jul 2018 12:19

Instrument :

BNA_M

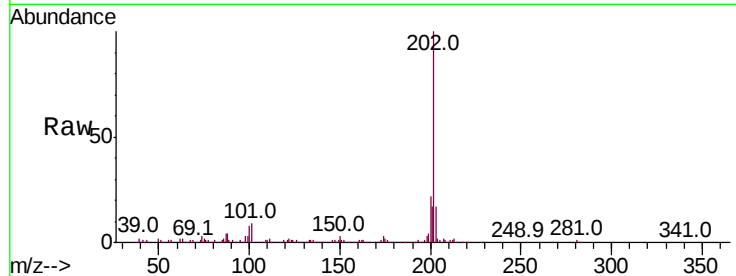
ClientSampleId :

C0CZ8

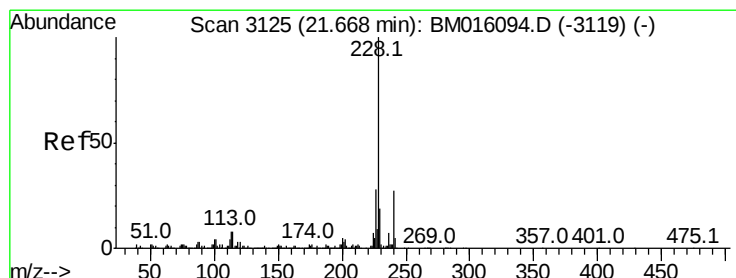
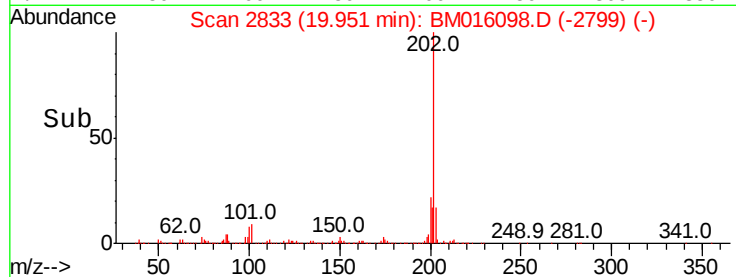
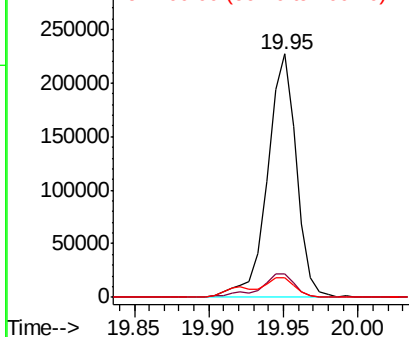
Tot Ion:	202	Resp:	305176
Ion Ratio		Lower	Upper
202	100		
101	9.4	10.2	15.2#
100	8.3	8.5	12.7#

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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): B



#82

Benzo(a)anthracene

Concen: 11.698 ng/ul

RT: 21.66 min Scan# 3124

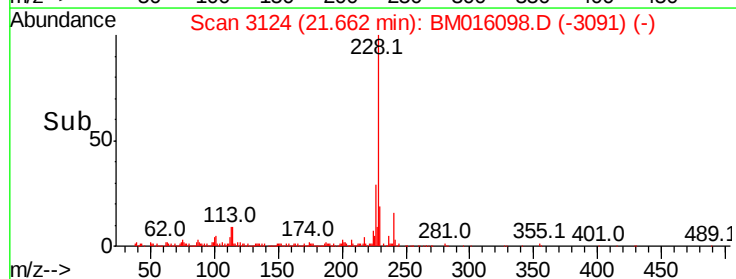
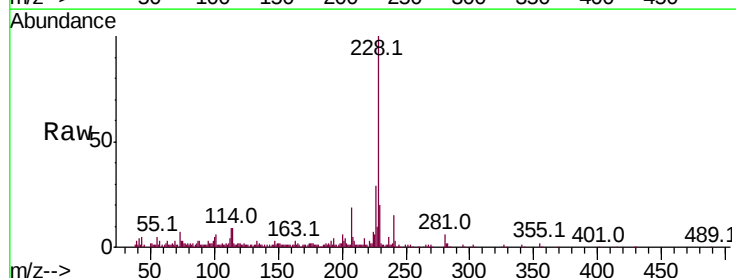
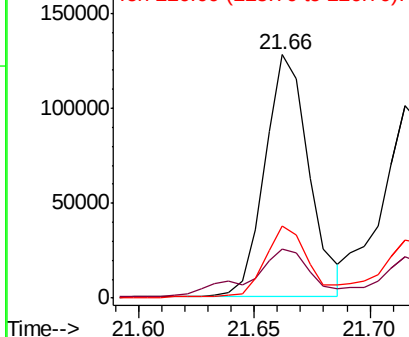
Delta R.T. -0.01 min

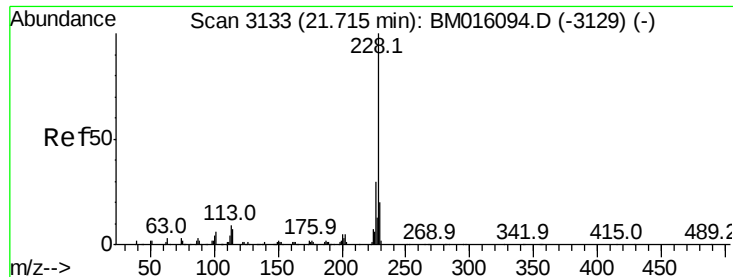
Lab File: BM016098.D

Acq: 27 Jul 2018 12:19

Tgt Ion:	228	Resp:	168481
Ion Ratio		Lower	Upper
228	100		
229	20.0	15.7	23.5
226	29.4	21.8	32.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 10.855 ng/ul

RT: 21.72 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BM016098.D

Acq: 27 Jul 2018 12:19

Instrument :

BNA_M

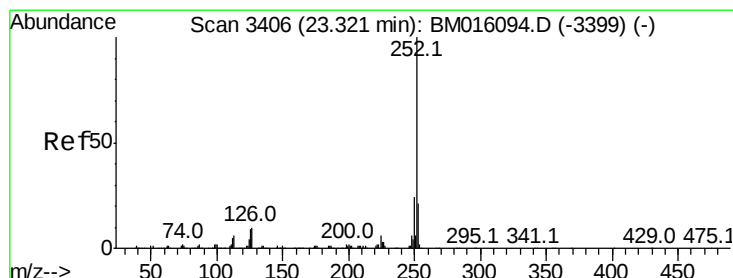
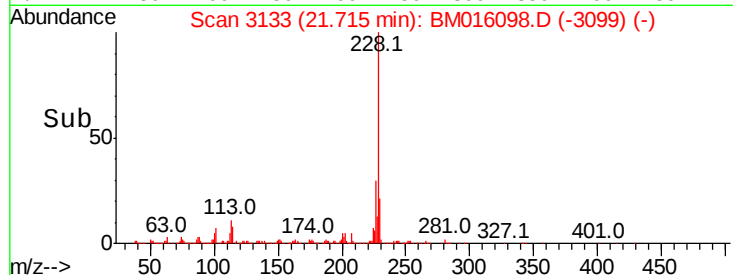
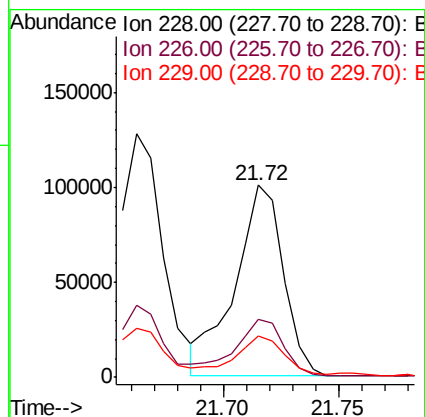
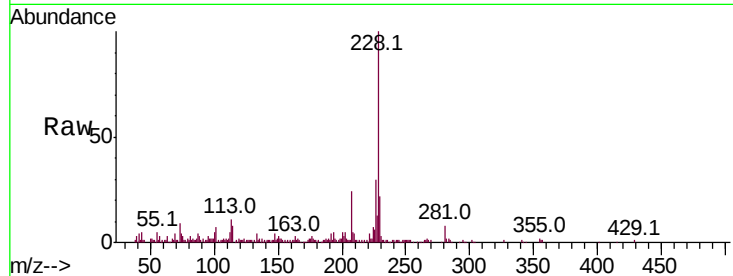
ClientSampleId :

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Tot Ion:	228	Resp:	146234
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.0	36.0
229	21.5	15.6	23.4

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#87

Benzo(b)fluoranthene

Concen: 15.575 ng/ul

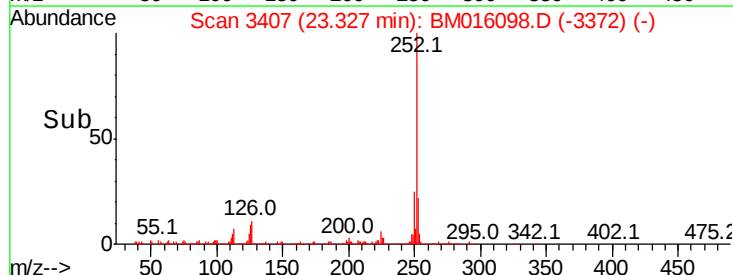
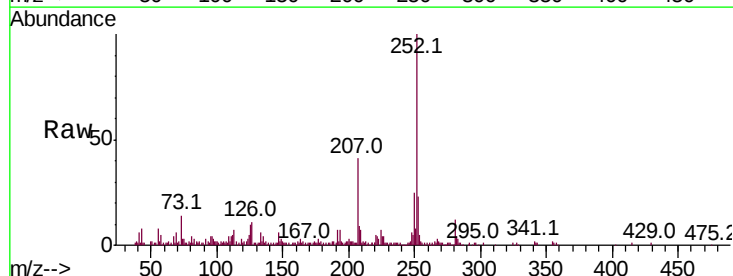
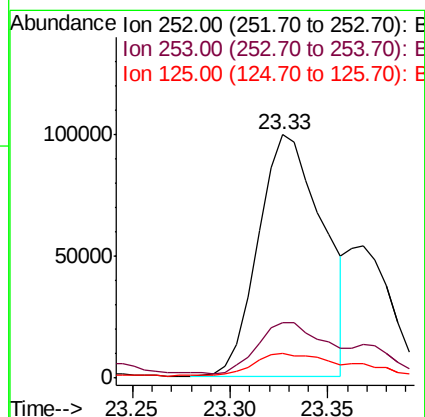
RT: 23.33 min Scan# 3407

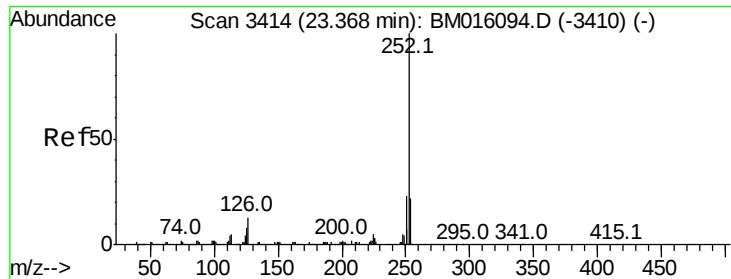
Delta R.T. 0.01 min

Lab File: BM016098.D

Acq: 27 Jul 2018 12:19

Tgt Ion:	252	Resp:	228637
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	10.2	8.5	12.7





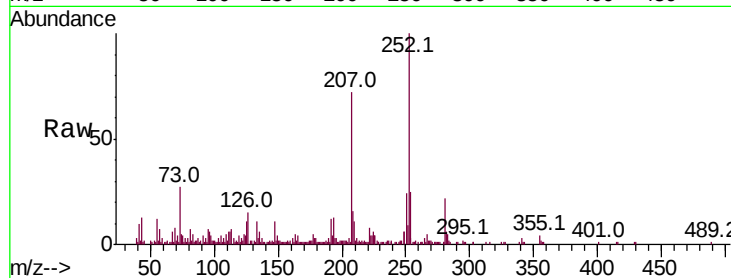
#88
Benzo(k)fluoranthene
Concen: 5.731 ng/ul m
RT: 23.37 min Scan# 3414
Delta R.T. 0.00 min
Lab File: BM016098.D
Acq: 27 Jul 2018 12:19

Instrument :
BNA_M
ClientSampled :
C0CZ8

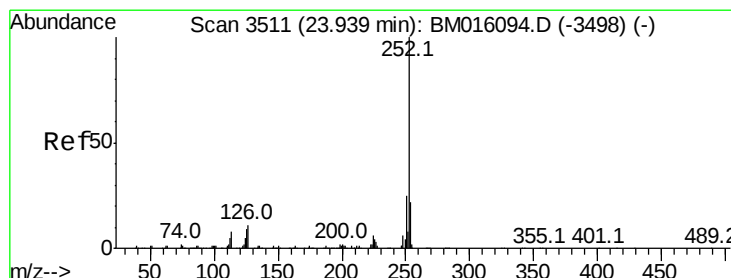
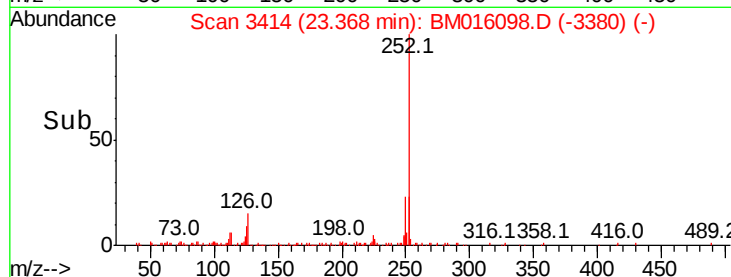
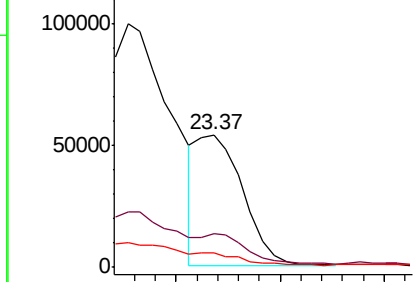
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.3	25.9
125	10.7	8.2	12.2

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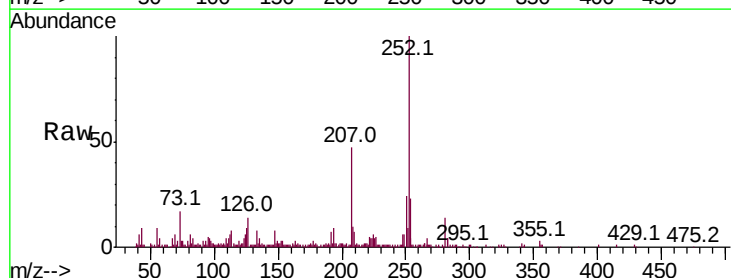


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

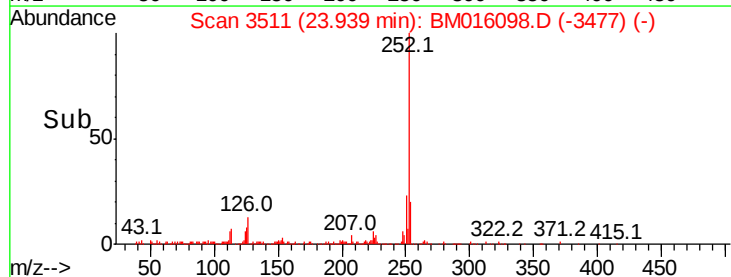
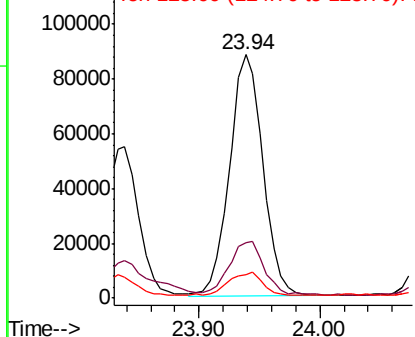


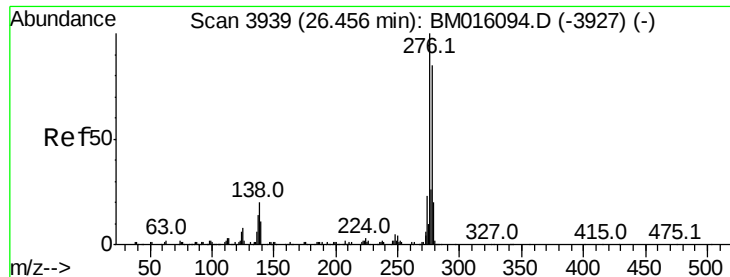
#90
Benzo(a)pyrene
Concen: 11.972 ng/ul
RT: 23.94 min Scan# 3511
Delta R.T. 0.00 min
Lab File: BM016098.D
Acq: 27 Jul 2018 12:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	9.5	9.0	13.6



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





#91

Indeno(1,2,3-cd)pyrene

Concen: 6.842 ng/ul

RT: 26.46 min Scan# 3939

Delta R.T. 0.00 min

Lab File: BM016098.D

Acq: 27 Jul 2018 12:19

Instrument :

BNA_M

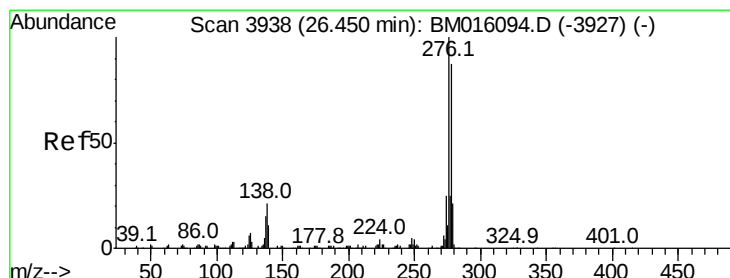
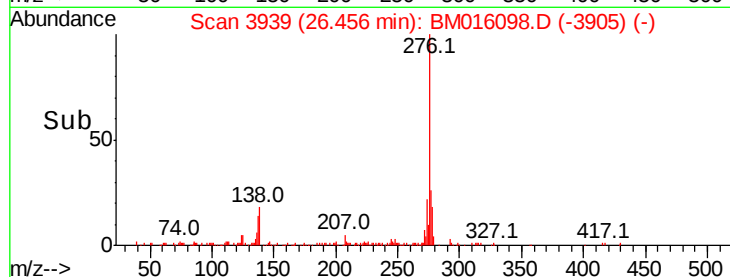
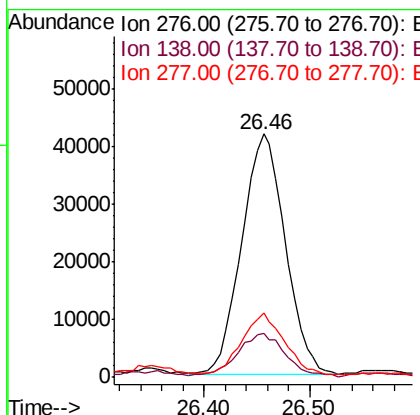
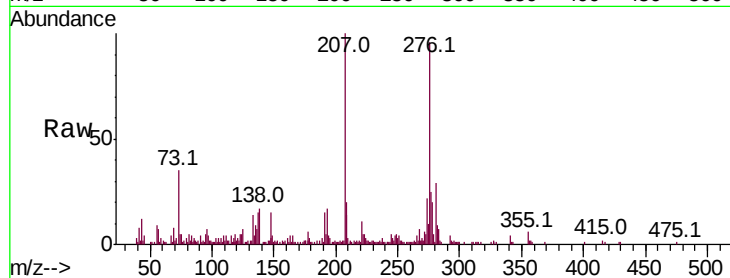
ClientSampleId :

C0CZ8

Tot Ion:	276	Resp:	118736
Ion Ratio	Lower	Upper	
276	100		
138	18.1	22.3	33.5#
277	26.3	20.2	30.2

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#92

Dibenzo(a,h)anthracene

Concen: 1.993 ng/ul

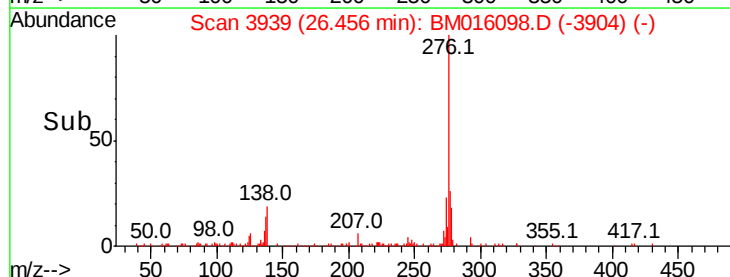
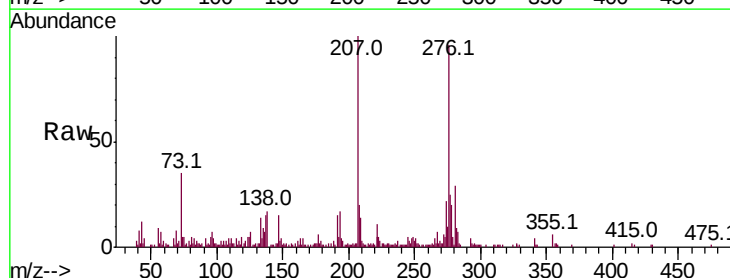
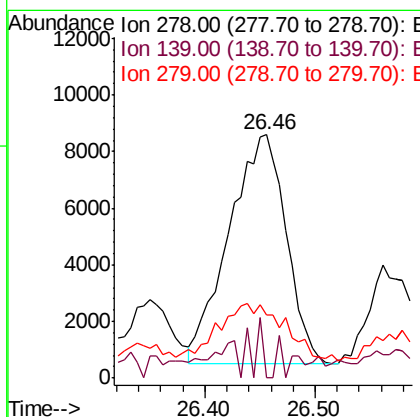
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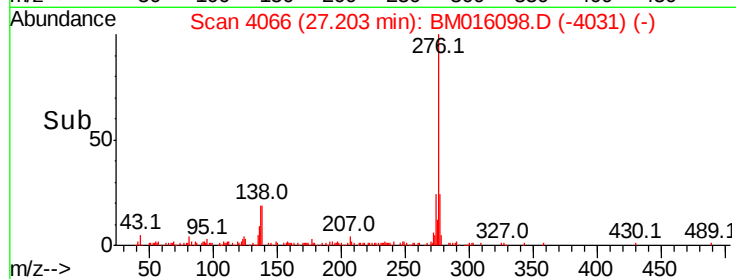
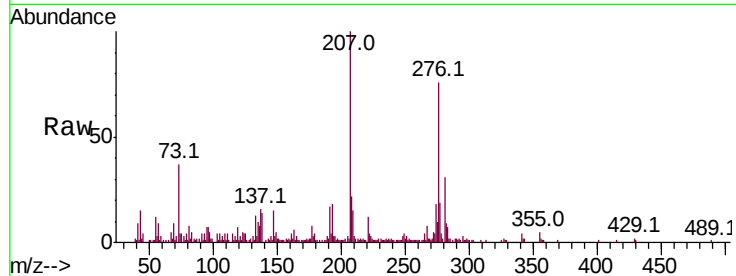
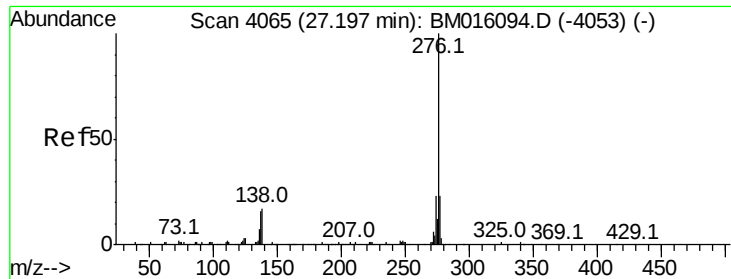
Delta R.T. 0.01 min

Lab File: BM016098.D

Acq: 27 Jul 2018 12:19

Tgt Ion:	278	Resp:	29287
Ion Ratio	Lower	Upper	
278	100		
139	0.0	13.9	20.9#
279	26.0	19.0	28.4





#93

Benzo(a,h,i)perylene

Concen: 7.104 ng/ul

RT: 27.20 min Scan# 4066

Delta R.T. 0.01 min

Lab File: BM016098.D

Acq: 27 Jul 2018 12:19

Instrument :

BNA_M

ClientSampleId :

C0CZ8

Tot Ion: 276 Resp: 98578

Ion Ratio Lower Upper

276 100

138 18.6 18.9 28.3#

277 25.6 19.2 28.8

Manual Integrations

APPROVED

Sohil

7/30/2018 5:47:24 PM

