

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021269.D
 Acq On : 29 Jun 2019 19:28
 Operator : HP/JU
 Sample : K3593-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C6BA8

Manual Integrations
 APPROVED

mohammad
 7/1/2019 2:43:13 PM

Quant Time: Jun 29 23:59:00 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	286461	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1266240	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	798343	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1789907	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1235942	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1381495	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	21472	3.56	ng/uL	0.00
5) Phenol-d5	6.93	99	636920	25.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	372602	25.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	524215	25.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	571186	27.44	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	294563	28.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	352664	30.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	675352	29.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	358407	14.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	2114852	29.32	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2524970	28.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	284877	24.28	ng/ul	0.00
57) Fluorene-d10	15.40	176	1825560	29.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	227641	20.69	ng/ul	0.00
70) Anthracene-d10	17.25	188	2640124	28.38	ng/ul	0.00
78) Pyrene-d10	19.54	212	2455034	33.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2263482	27.77	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.86	163	888988	13.538	ng/ul	99
69) Phenanthrene	17.19	178	1061720	10.725	ng/ul	99
71) Anthracene	17.28	178	146661	1.454	ng/ul	98
74) Carbazole	17.56	167	86844	1.045	ng/ul	99
76) Fluoranthene	19.21	202	2447564	22.883	ng/ul	99
79) Pyrene	19.57	202	1902636	21.775	ng/ul	100
82) Benzo(a)anthracene	21.32	228	882692	10.476	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	69979	1.520	ng/ul#	99
84) Chrysene	21.37	228	1002621	12.705	ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	1399636	15.994	ng/ul#	96
88) Benzo(k)fluoranthene	22.96	252	570840m	6.780	ng/ul	
90) Benzo(a)pyrene	23.51	252	858916	10.428	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.90	276	705377	7.273	ng/ul	96
92) Dibenzo(a,h)anthracene	25.90	278	178952	2.193	ng/ul#	82
93) Benzo(g,h,i)perylene	26.61	276	572487	7.167	ng/ul	98

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

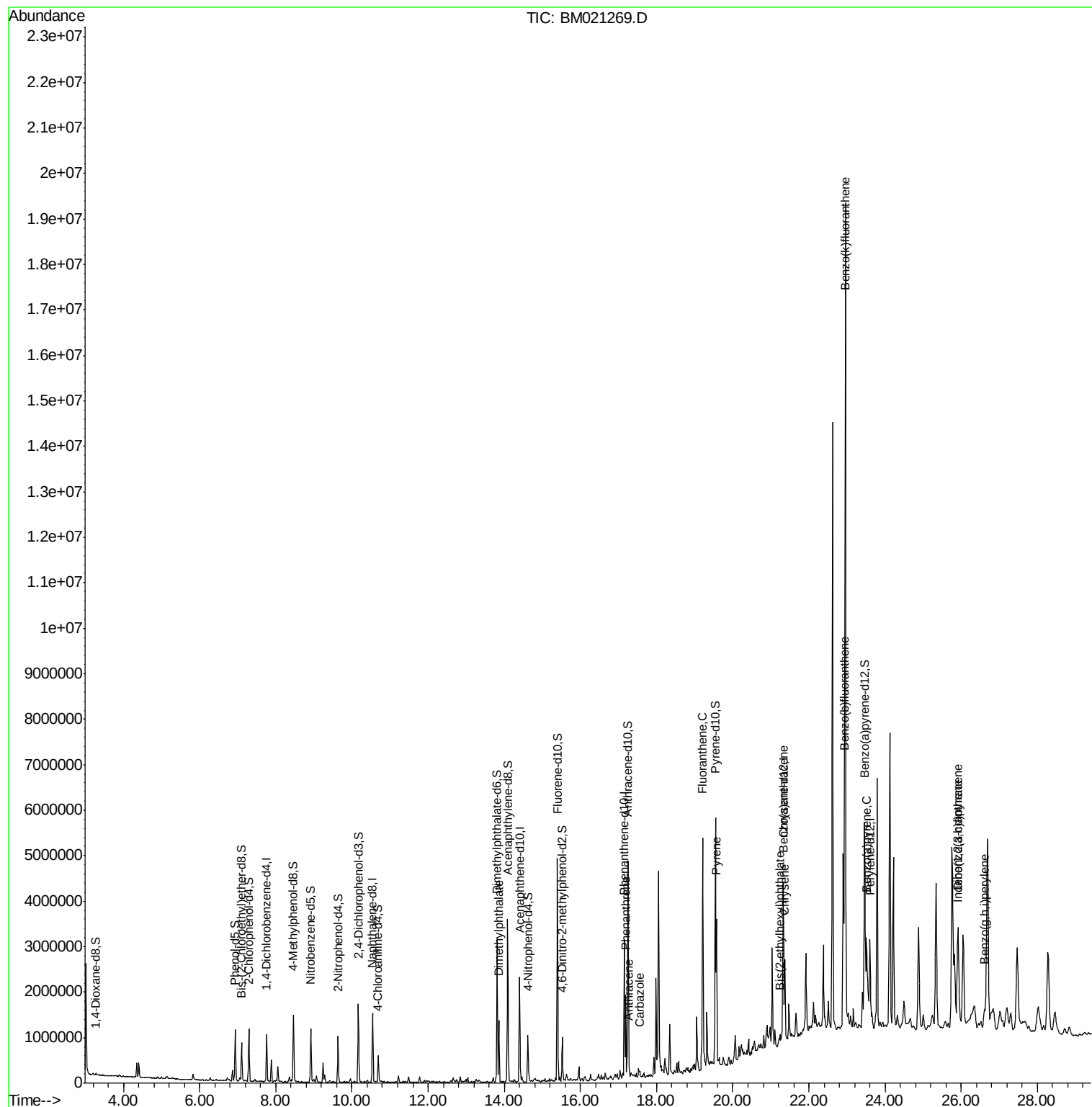
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021269.D
Acq On : 29 Jun 2019 19:28
Operator : HP/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

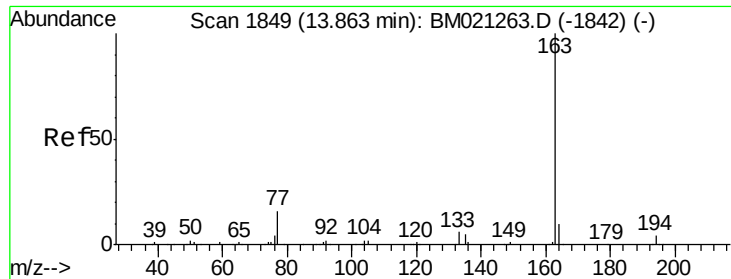
Instrument :
BNA_M
ClientSampleId :
C6BA8

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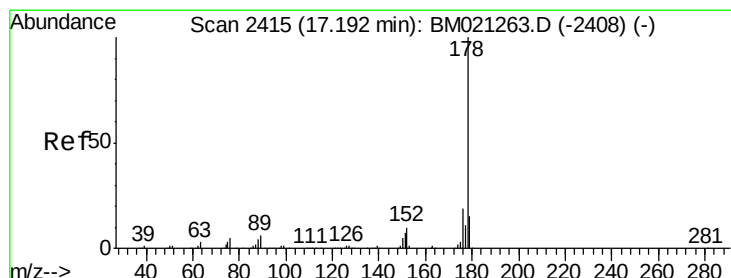
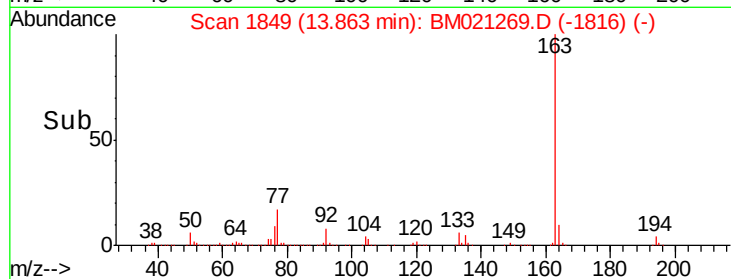
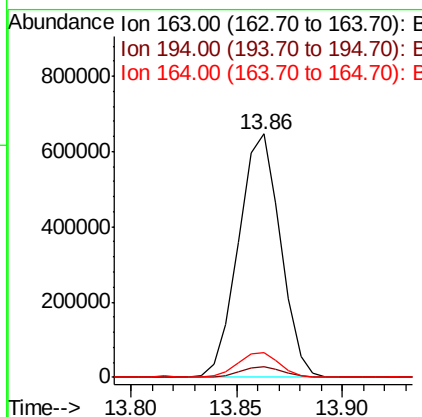
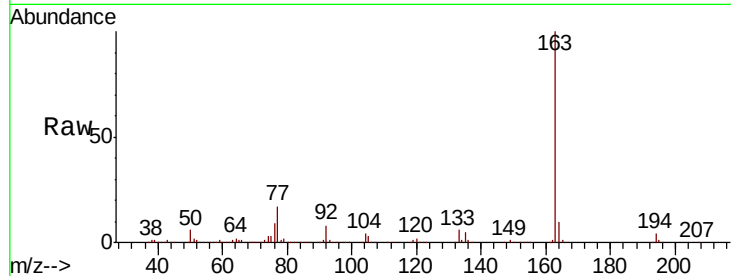
#44
Dimethylphthalate
Concen: 13.538 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM021269.D
Acq: 29 Jun 2019 19:28

Instrument :
BNA_M
ClientSampleId :
C6BA8

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.0	7.7	11.5

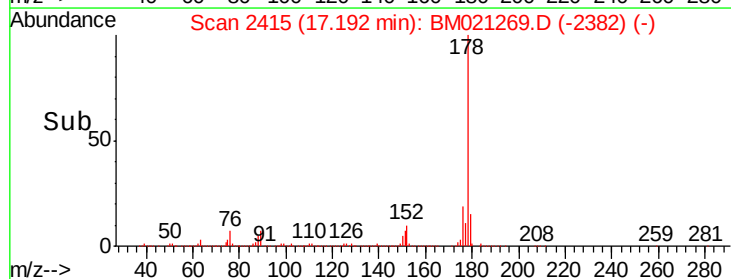
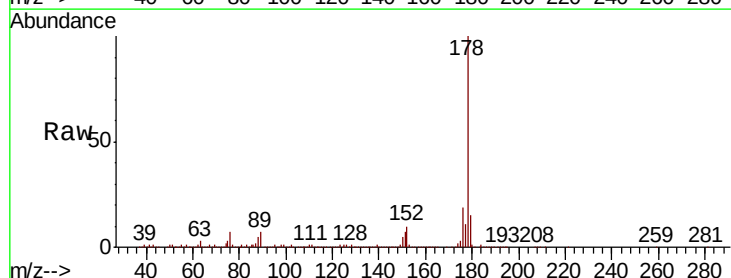
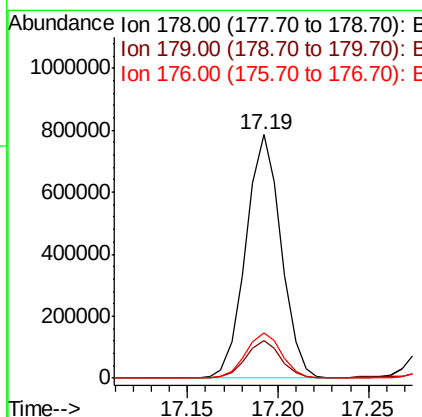
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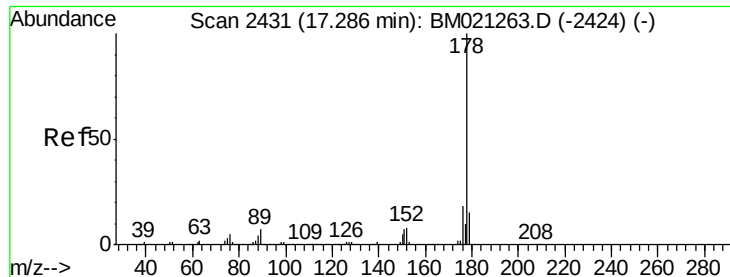
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#69
Phenanthrene
Concen: 10.725 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM021269.D
Acq: 29 Jun 2019 19:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	18.7	15.0	22.6





#71

Anthracene

Concen: 1.454 ng/ul

RT: 17.28 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BM021269.D

Acq: 29 Jun 2019 19:28

Instrument :

BNA_M

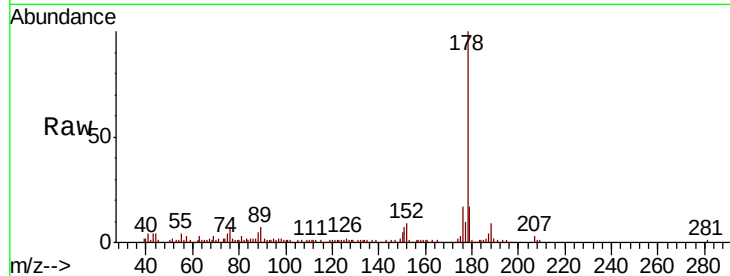
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C6BA8

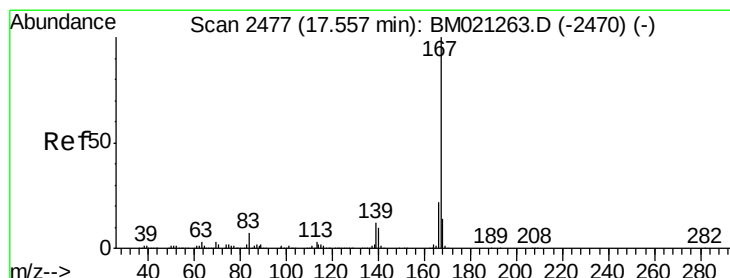
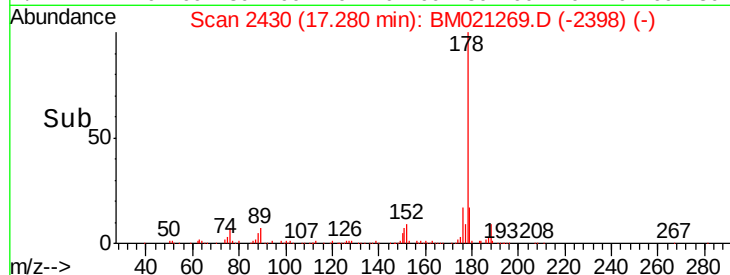
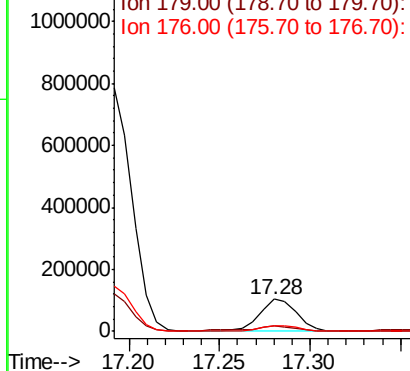
Tot Ion:	178	Resp:	146661
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.5	18.7
176	17.5	14.6	21.8

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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



#74

Carbazole

Concen: 1.045 ng/ul

RT: 17.56 min Scan# 2478

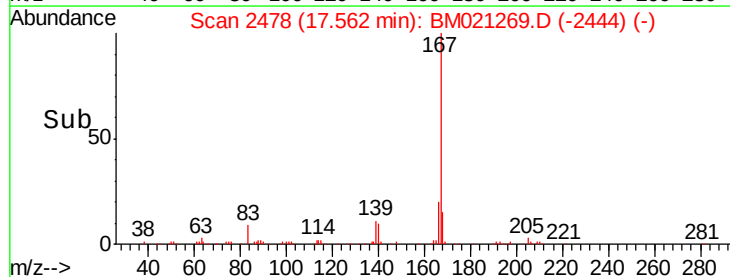
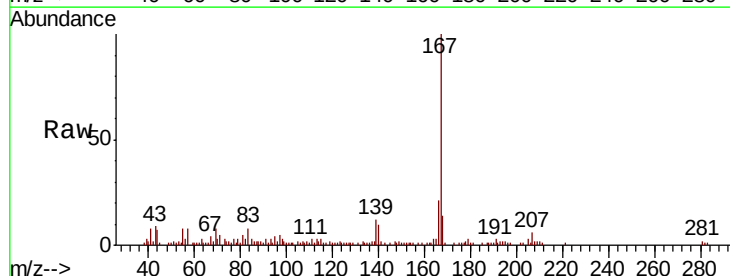
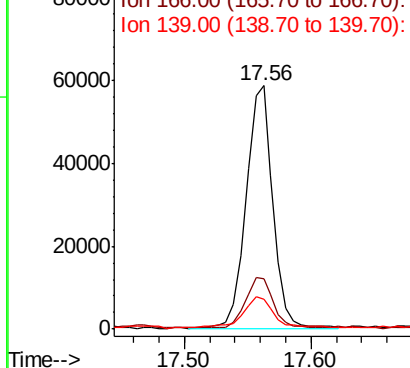
Delta R.T. -0.00 min

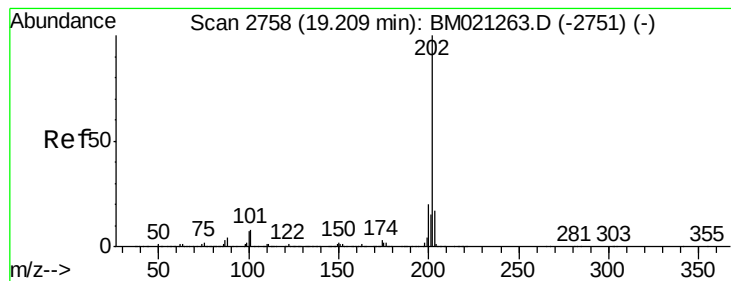
Lab File: BM021269.D

Acq: 29 Jun 2019 19:28

Tgt Ion:	167	Resp:	86844
Ion Ratio	Lower	Upper	
167	100		
166	20.9	17.4	26.2
139	12.4	9.8	14.6

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





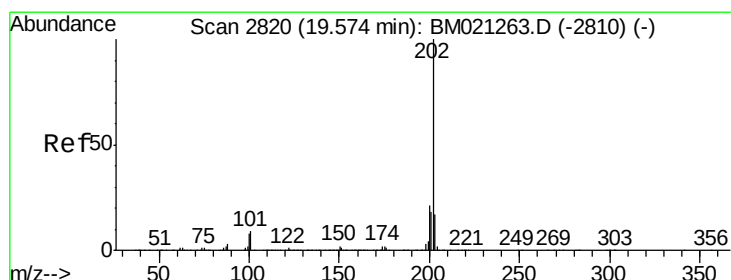
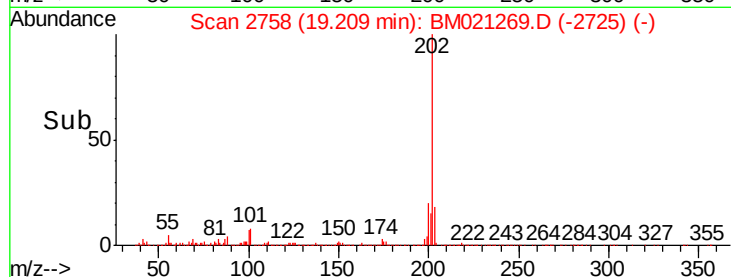
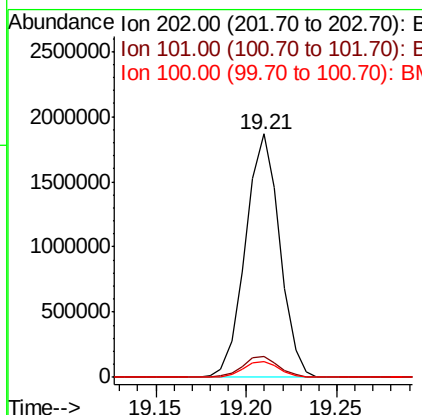
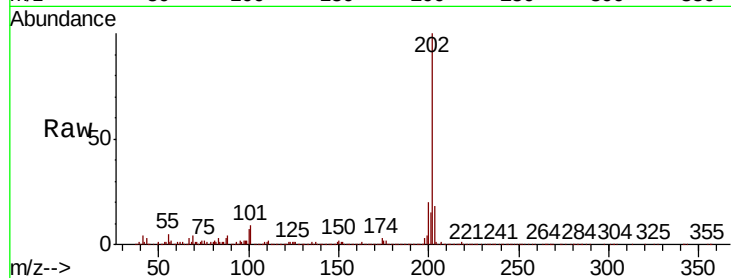
#76
Fluoranthene
Concen: 22.883 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BM021269.D
Acq: 29 Jun 2019 19:28

Instrument :
BNA_M
ClientSampleId :
C6BA8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		2447564		
101	8.6	6.7	10.1		
100	6.6	5.5	8.3		

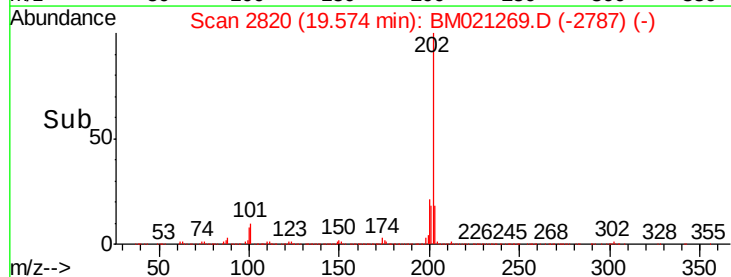
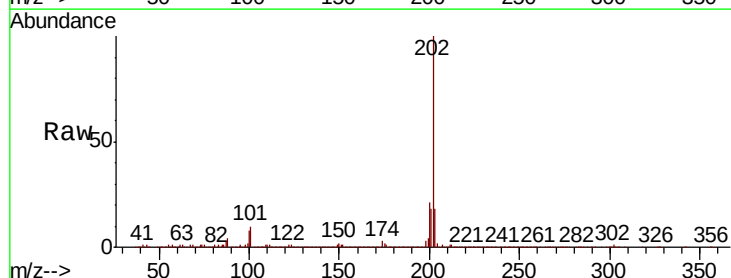
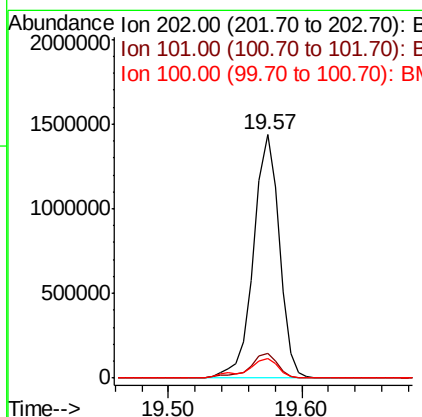
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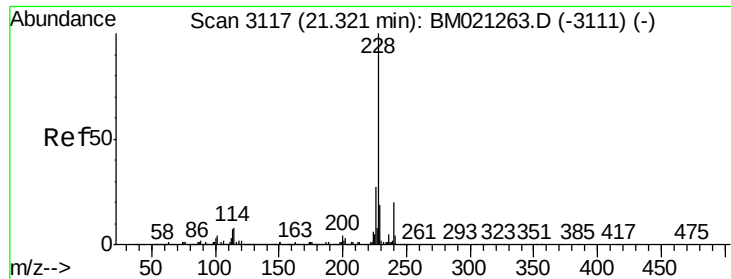
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#79
Pyrene
Concen: 21.775 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM021269.D
Acq: 29 Jun 2019 19:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1902636		
101	10.0	8.1	12.1		
100	8.3	6.6	10.0		





#82

Benzo(a)anthracene

Concen: 10.476 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM021269.D

Acq: 29 Jun 2019 19:28

Instrument :

BNA_M

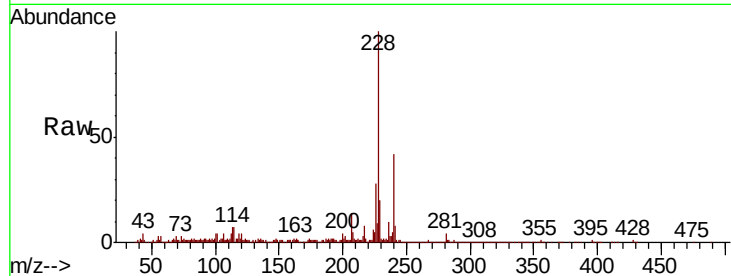
ClientSampled :

C6BA8

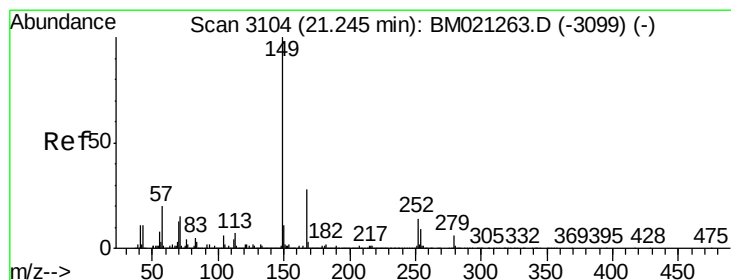
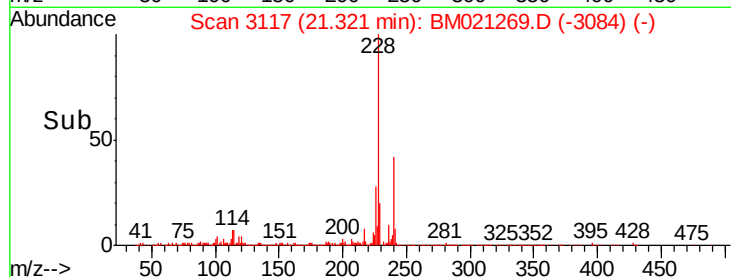
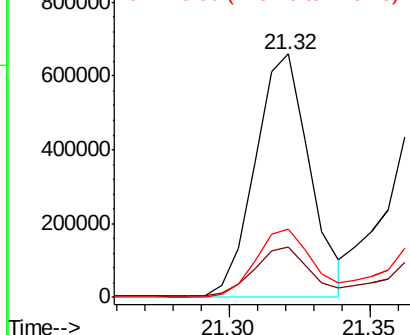
Tot Ion:	228	Resp:	882692
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.8	23.8
226	27.8	21.4	32.2

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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



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.520 ng/ul

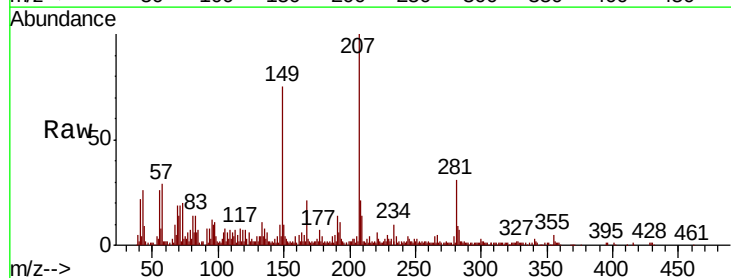
RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

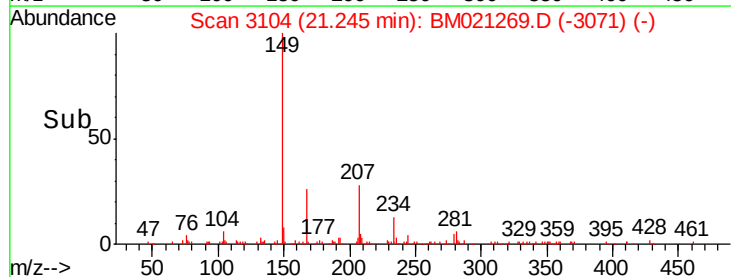
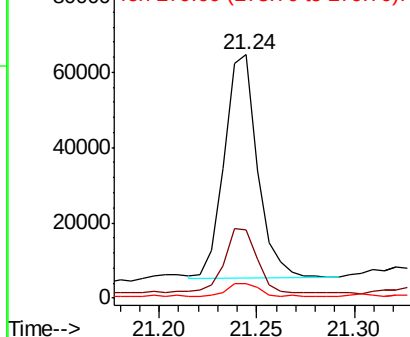
Lab File: BM021269.D

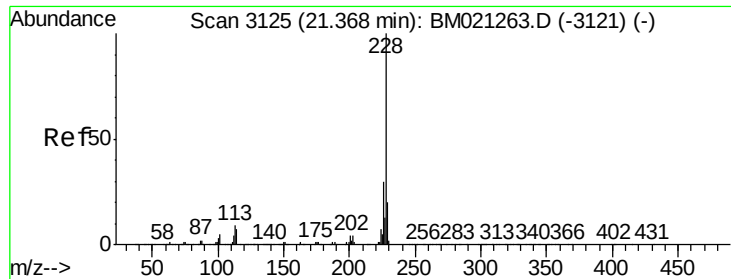
Acq: 29 Jun 2019 19:28

Tgt Ion:	149	Resp:	69979
Ion Ratio	Lower	Upper	
149	100		
167	28.2	22.3	33.5
279	5.7	3.8	5.6#



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: 12.705 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM021269.D

Acq: 29 Jun 2019 19:28

Instrument :

BNA_M

ClientSampled :

C6BA8

Tot Ion:228 Resp: 1002621

Ion Ratio Lower Upper

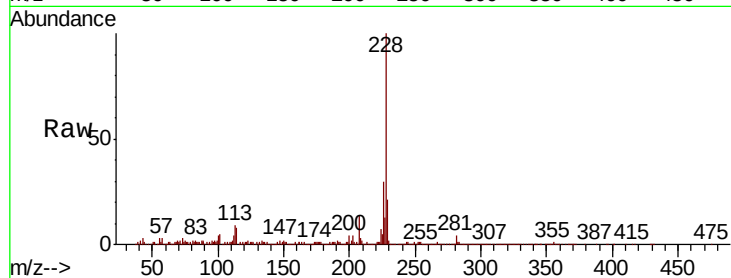
228 100

226 30.0 23.9 35.9

229 21.0 15.4 23.2

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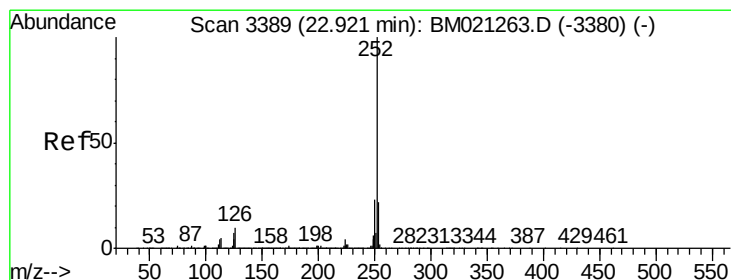
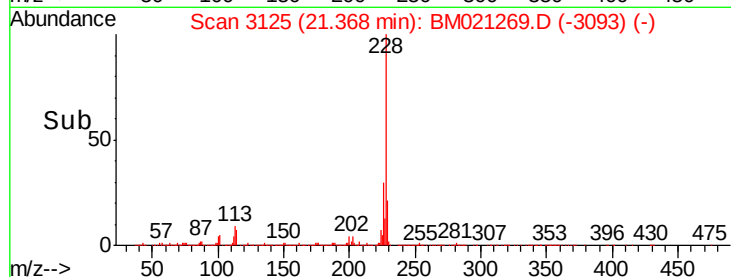
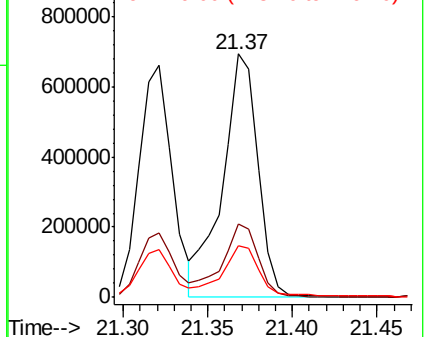


Abundance

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: 15.994 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.00 min

Lab File: BM021269.D

Acq: 29 Jun 2019 19:28

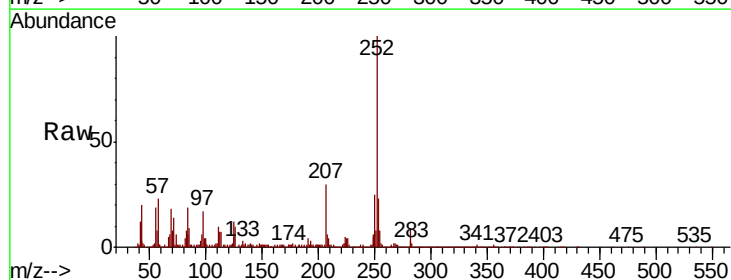
Tgt Ion:252 Resp: 1399636

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 12.1 6.3 9.5#

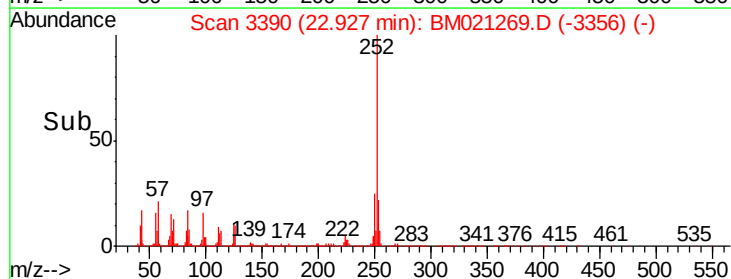
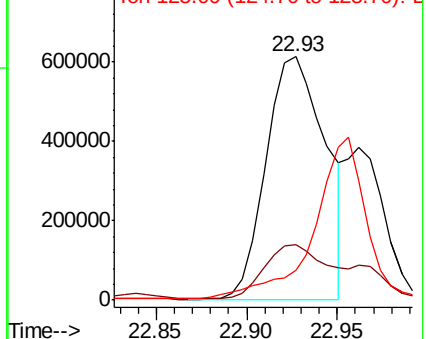


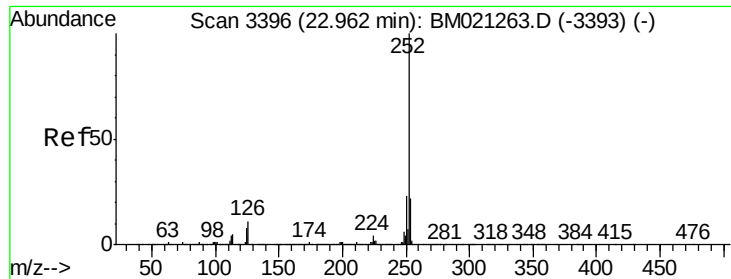
Abundance

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





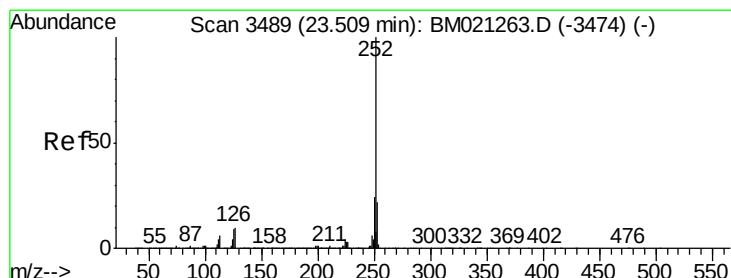
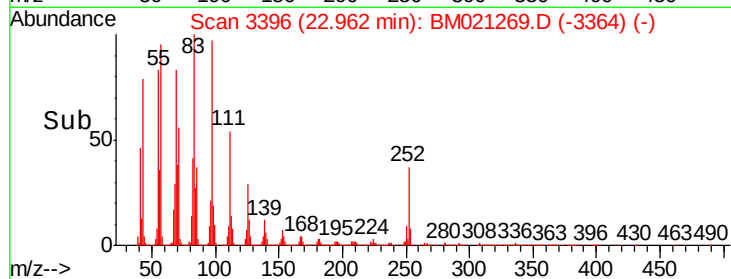
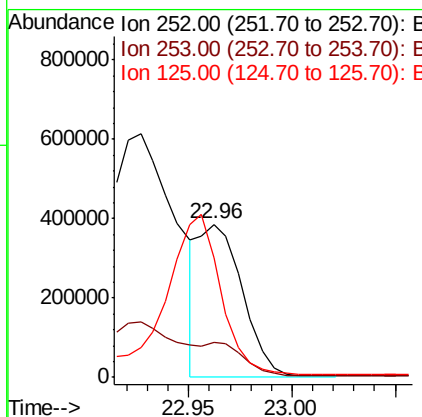
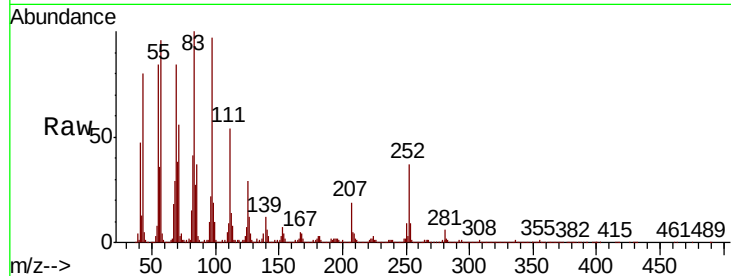
#88
Benzo(k)fluoranthene
Concen: 6.780 ng/ul m
RT: 22.96 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM021269.D
Acq: 29 Jun 2019 19:28

Instrument :
BNA_M
ClientSampled :
C6BA8

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	78.1	6.6	9.8#

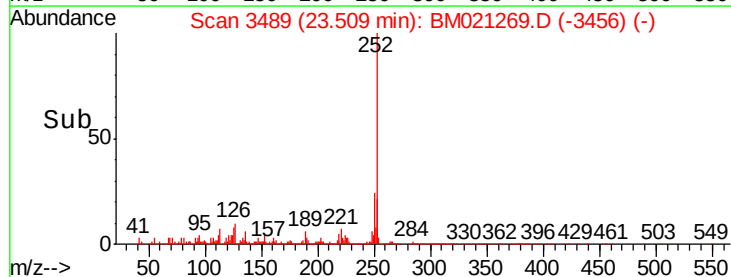
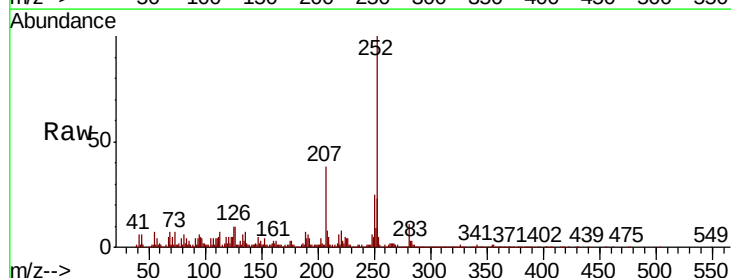
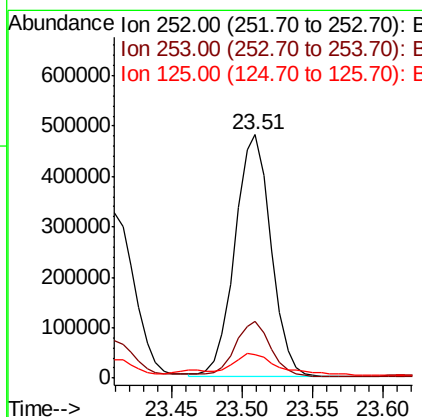
Manual Integrations
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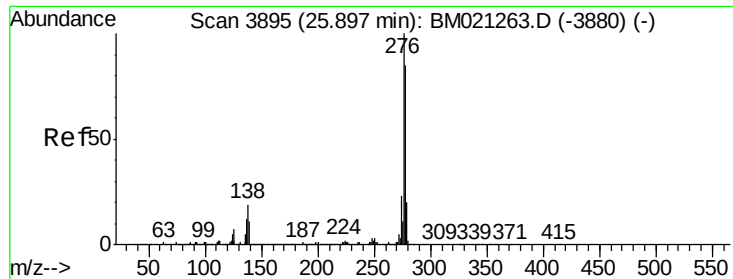
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#90
Benzo(a)pyrene
Concen: 10.428 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM021269.D
Acq: 29 Jun 2019 19:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	9.5	7.2	10.8





#91

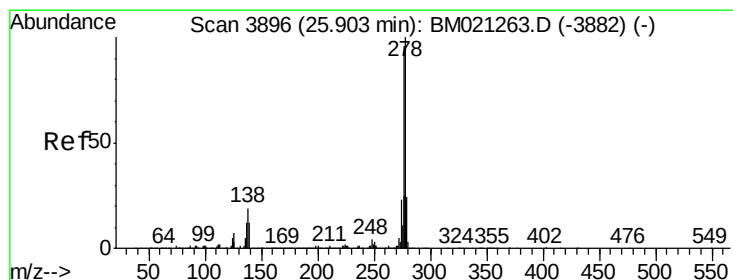
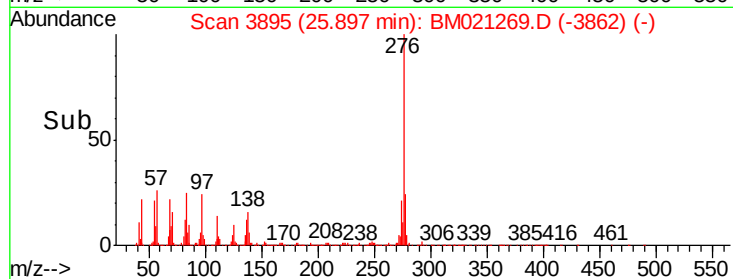
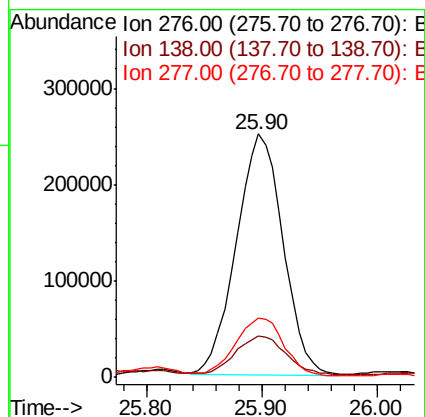
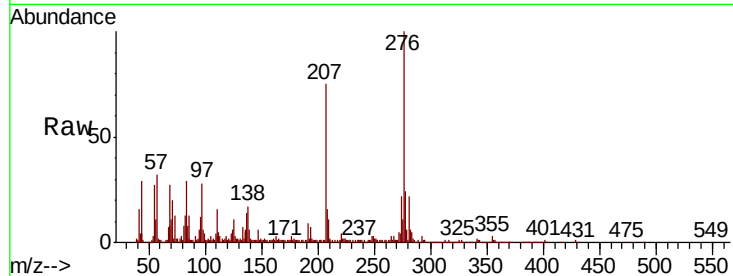
Indeno(1,2,3-cd)pyrene
Concen: 7.273 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BM021269.D
Acq: 29 Jun 2019 19:28

Instrument :
BNA_M
ClientSampleId :
C6BA8

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	16.8	15.9	23.9	
277	24.5	20.4	30.6	

Manual Integrations
APPROVED

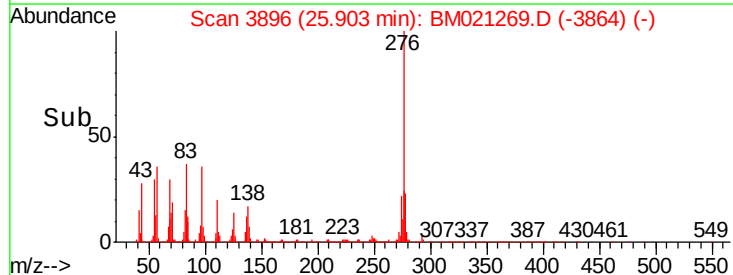
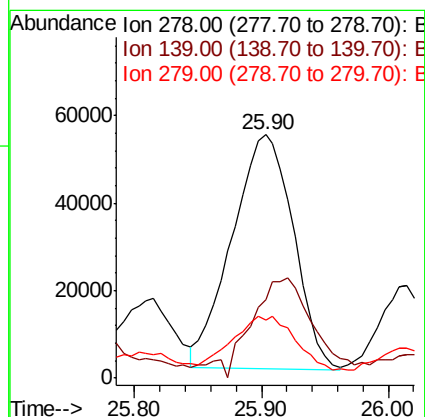
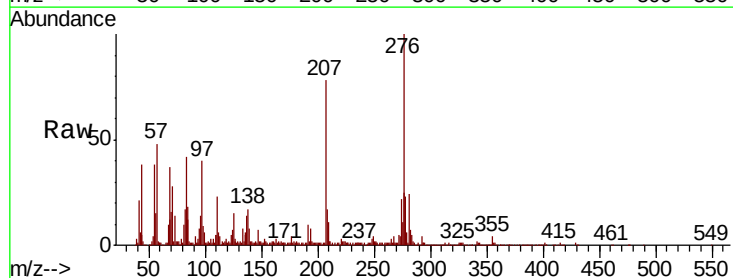
mohammad
7/1/2019 2:43:13 PM

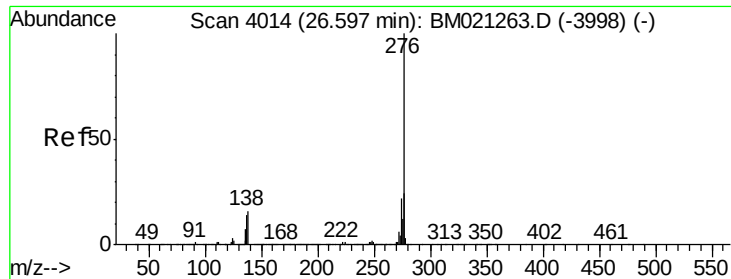


#92

Dibenzo(a,h)anthracene
Concen: 2.193 ng/ul
RT: 25.90 min Scan# 3896
Delta R.T. -0.01 min
Lab File: BM021269.D
Acq: 29 Jun 2019 19:28

Tgt Ion	Ion	Ratio	Lower	Upper
278	100			
139	32.5	10.6	15.8#	
279	24.1	19.0	28.4	





#93

Benzo(a,h,i)perylene

Concen: 7.167 ng/ul

RT: 26.61 min Scan# 4016

Delta R.T. -0.00 min

Lab File: BM021269.D

Acq: 29 Jun 2019 19:28

Instrument :

BNA_M

ClientSampleId :

C6BA8

Tot Ion:	276	Resp:	572487
Ion Ratio	Lower	Upper	
276	100		
138	16.9	14.6	21.8
277	23.8	18.9	28.3

Manual Integrations
APPROVED

mohammad
7/1/2019 2:43:13 PM

