

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
 Data File : BM026578.D
 Acq On : 26 Jun 2020 03:29
 Operator : JU/CG
 Sample : L3064-07DL2 20X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ET161DL2

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Quant Time: Jun 26 05:56:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 26 00:37:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	91922	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	411112	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	287625	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	626589	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	672047	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	616358	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.75	67	1787	0.33	ng/ul	0.02
9) 2-Chlorophenol-d4	6.93	132	1263	0.18	ng/ul	0.01
13) 4-Methylphenol-d8	8.16	113	1015m	0.15	ng/ul	0.06
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	9.83	165	977	0.13	ng/ul	0.06
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.46	166	6979	0.29	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	7090	0.24	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.89	188	11779	0.37	ng/ul	0.00
79) Pyrene-d10	19.19	212	11288	0.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	9114	0.27	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.18	128	37087	1.484	ng/ul#	97
34) 2-Methylnaphthalene	11.80	142	242482	13.801	ng/ul	98
41) 1,1'-Biphenyl	12.85	154	62835	2.462	ng/ul	97
50) Acenaphthene	14.09	153	1178382	55.261	ng/ul	99
54) Dibenzofuran	14.43	168	1033451	34.329	ng/ul	99
59) Fluorene	15.09	166	847587	34.111	ng/ul	100
70) Phenanthrene	16.83	178	813377	20.697	ng/ul	99
72) Anthracene	16.92	178	205300	5.097	ng/ul	99
77) Fluoranthene	18.86	202	452814	10.547	ng/ul	98
80) Pyrene	19.22	202	315314	6.382	ng/ul	96
83) Benzo(a)anthracene	20.98	228	146094	3.052	ng/ul	98
85) Chrysene	21.03	228	137459	2.958	ng/ul	99
88) Benzo(b)fluoranthene	22.47	252	179715	4.252	ng/ul#	96
89) Benzo(k)fluoranthene	22.51	252	58849m	1.447	ng/ul	
91) Benzo(a)pyrene	22.99	252	117031	3.143	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.10	276	70527	1.445	ng/ul	98
94) Benzo(g,h,i)perylene	25.72	276	61746	1.514	ng/ul	95

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

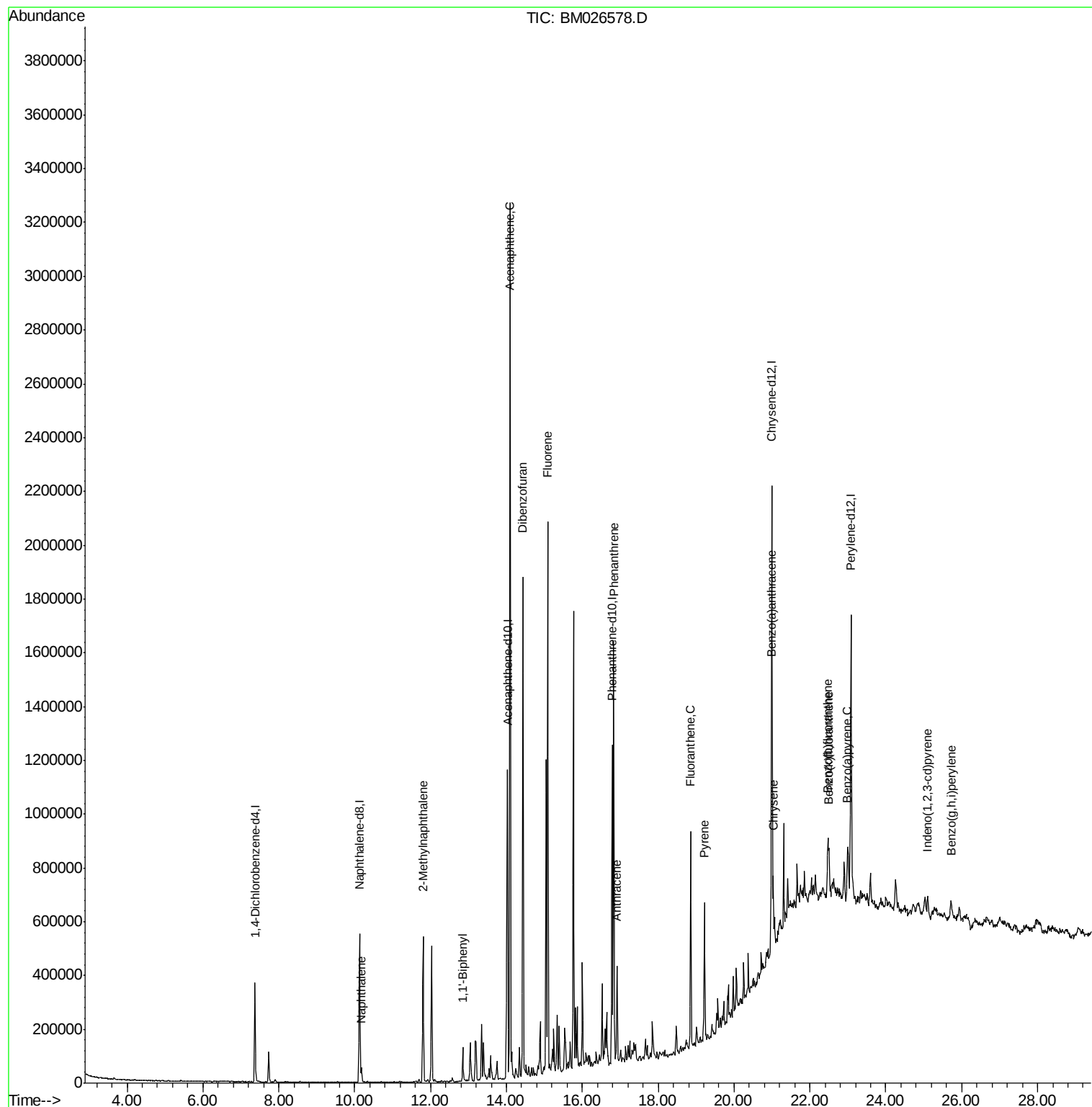
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026578.D
Acq On : 26 Jun 2020 03:29
Operator : JU/CG
Sample : L3064-07DL2 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

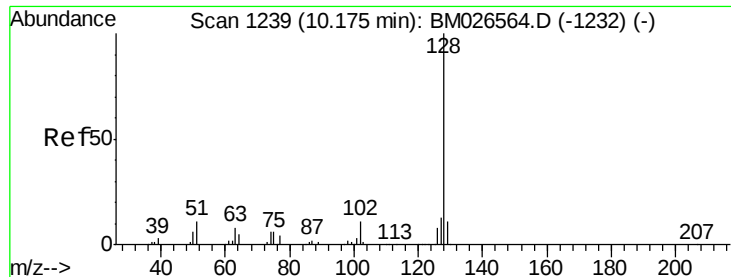
Instrument :
BNA_M
ClientSampleId :
ET161DL2

Quant Time: Jun 26 05:56:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 26 00:37:06 2020
Response via : Initial Calibration

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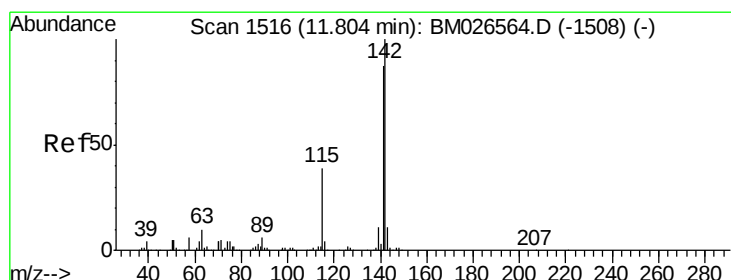
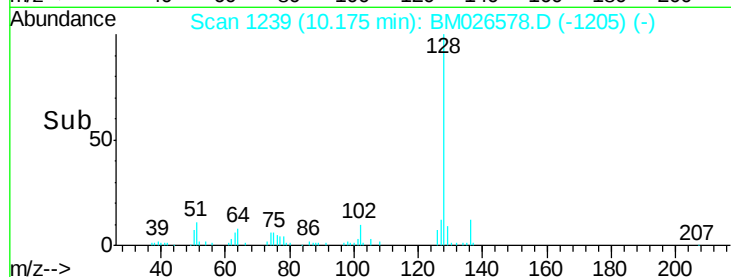
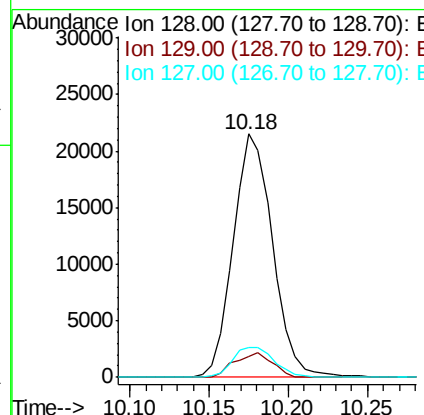
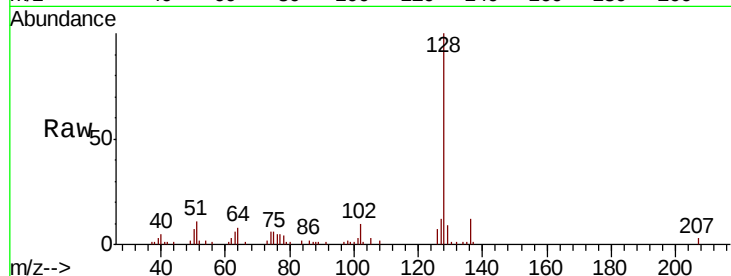
#28
Naphthalene
Concen: 1.484 ng/ul
RT: 10.18 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BM026578.D
Acq: 26 Jun 2020 03:29

Instrument :
BNA_M
ClientSampleId :
ET161DL2

Tot Ion	Ratio	Lower	Upper
128	100		
129	8.8	8.8	13.2#
127	12.1	10.1	15.1

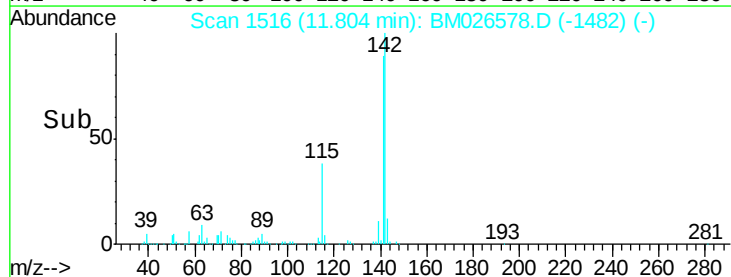
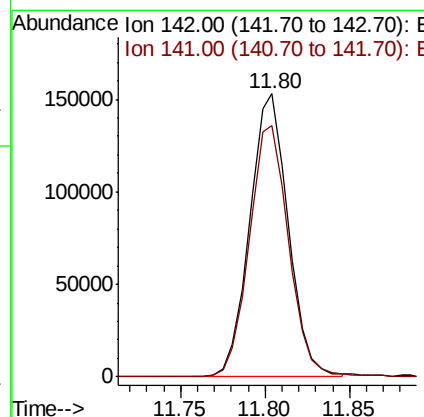
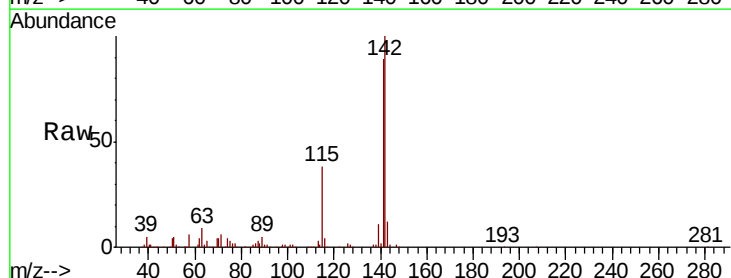
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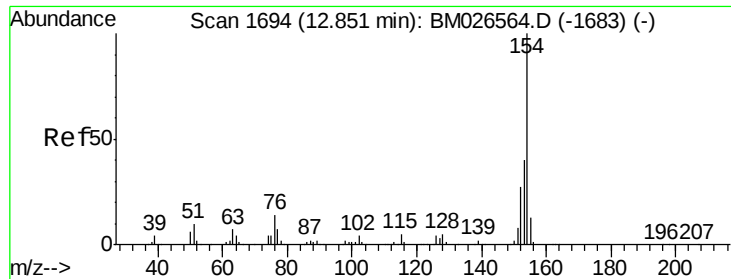
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#34
2-Methylnaphthalene
Concen: 13.801 ng/ul
RT: 11.80 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BM026578.D
Acq: 26 Jun 2020 03:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.1	108.1





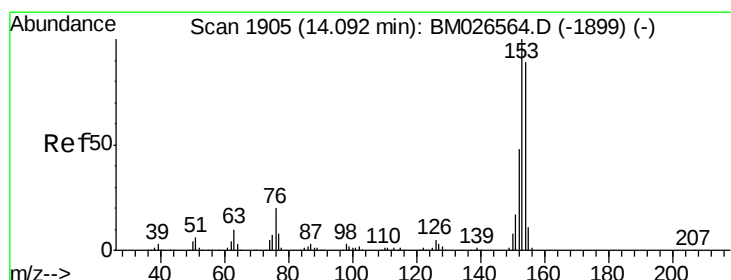
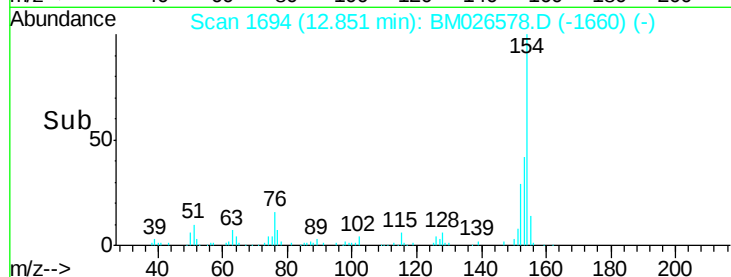
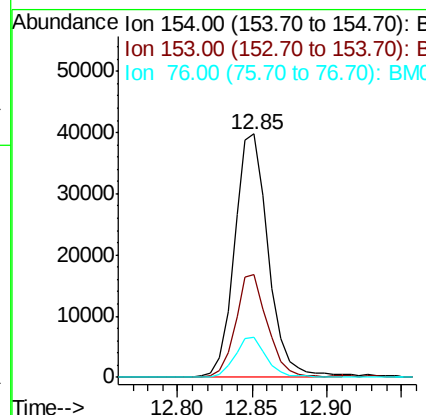
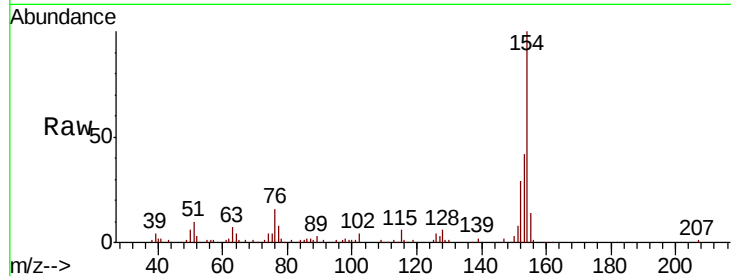
#41
 1,1'-Biphenyl
 Concen: 2.462 ng/ul
 RT: 12.85 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BM026578.D
 Acq: 26 Jun 2020 03:29

Instrument :
 BNA_M
 ClientSampled :
 ET161DL2

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.3	32.6	49.0
76	16.3	11.8	17.8

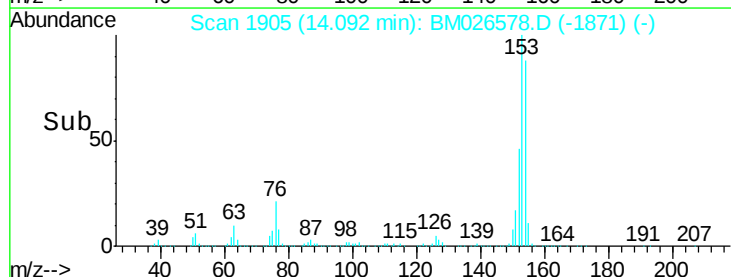
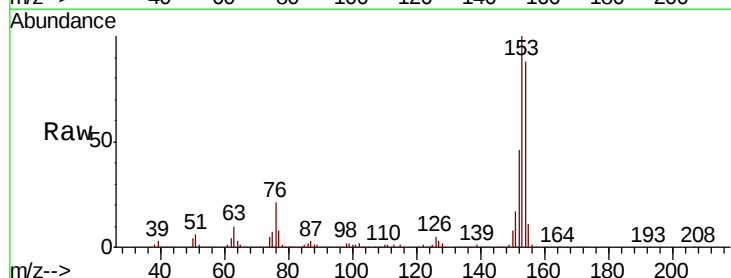
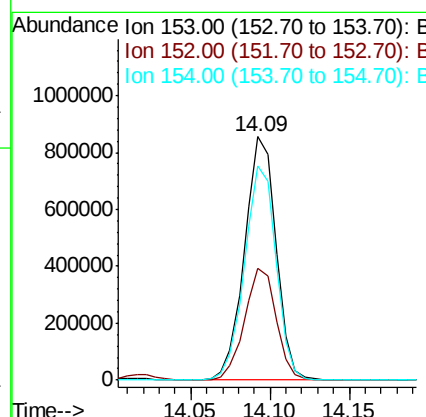
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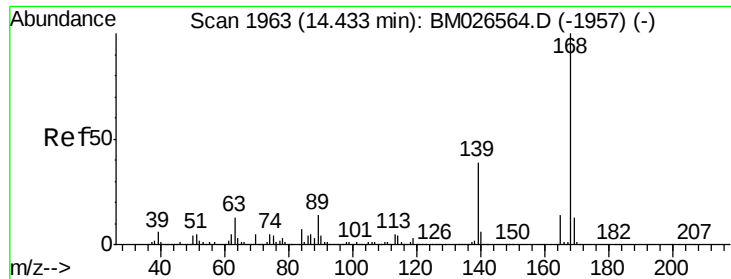
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#50
 Acenaphthene
 Concen: 55.261 ng/ul
 RT: 14.09 min Scan# 1905
 Delta R.T. 0.00 min
 Lab File: BM026578.D
 Acq: 26 Jun 2020 03:29

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.7	36.4	54.6
154	87.8	71.0	106.4





#54

Dibenzenofuran

Concen: 34.329 ng/ul

RT: 14.43 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BM026578.D

Acq: 26 Jun 2020 03:29

Instrument :

BNA_M

ClientSampleId :

ET161DL2

Tot Ion:168 Resp: 1033451

Ion Ratio Lower Upper

168 100

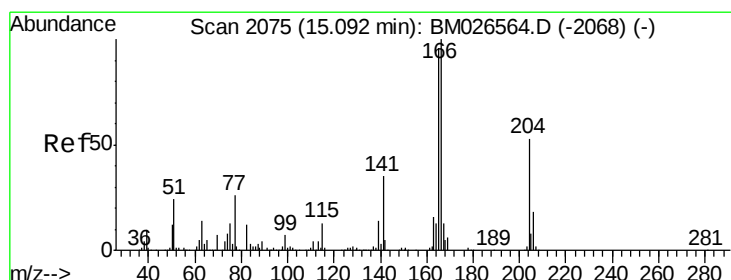
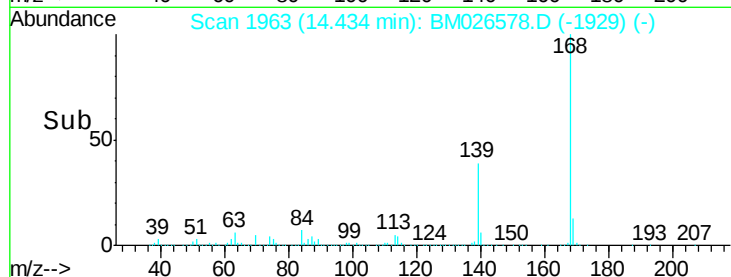
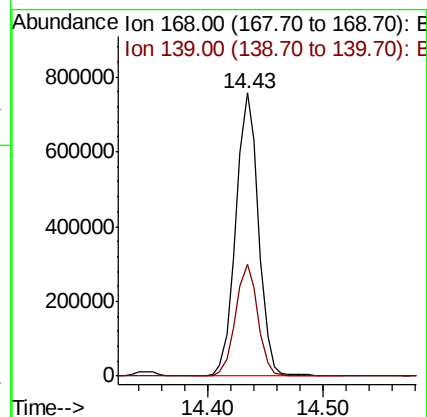
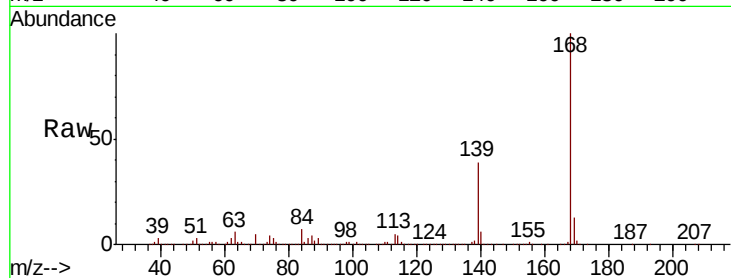
139 39.5 31.1 46.7

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#59

Fluorene

Concen: 34.111 ng/ul

RT: 15.09 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BM026578.D

Acq: 26 Jun 2020 03:29

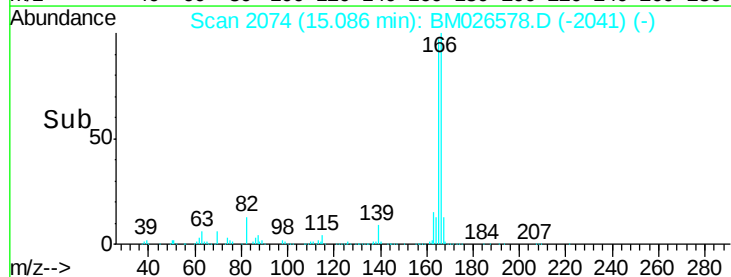
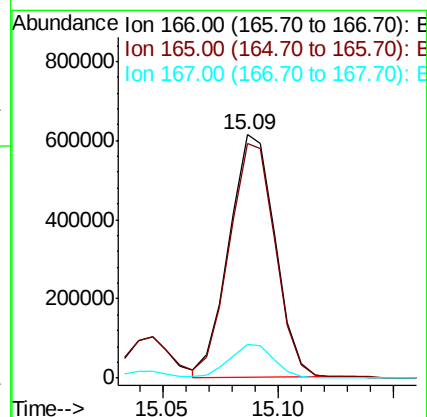
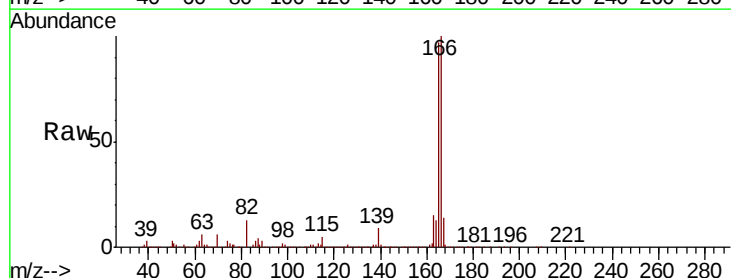
Tgt Ion:166 Resp: 847587

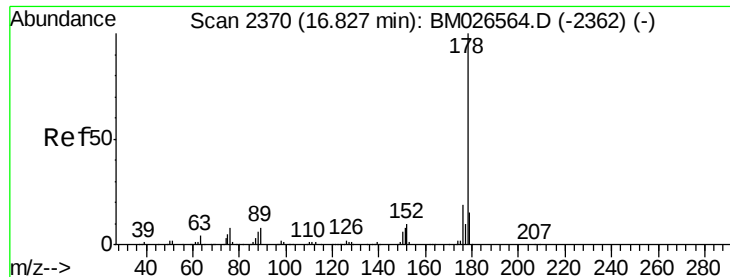
Ion Ratio Lower Upper

166 100

165 96.6 77.0 115.4

167 13.6 10.6 16.0





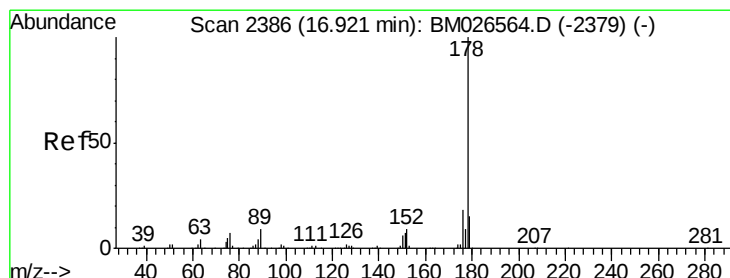
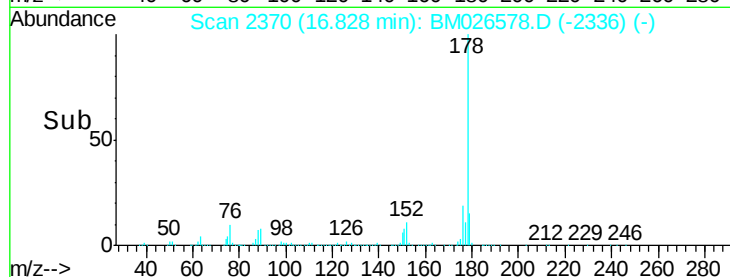
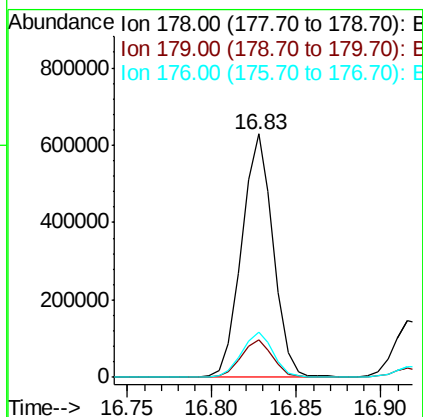
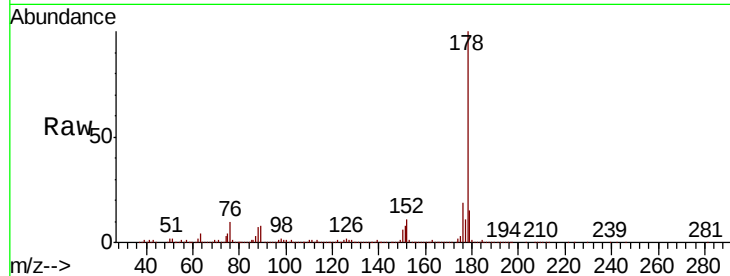
#70
Phenanthrene
Concen: 20.697 ng/ul
RT: 16.83 min Scan# 2370
Delta R.T. 0.00 min
Lab File: BM026578.D
Acq: 26 Jun 2020 03:29

Instrument :
BNA_M
ClientSampleId :
ET161DL2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	18.5	15.0	22.4

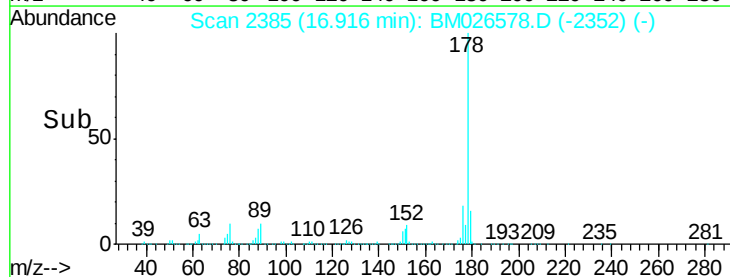
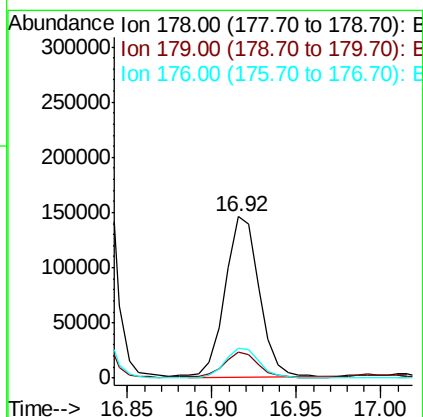
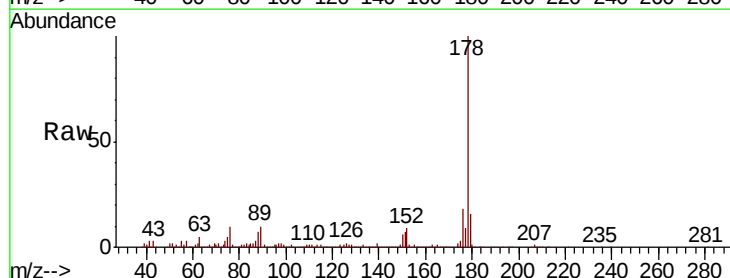
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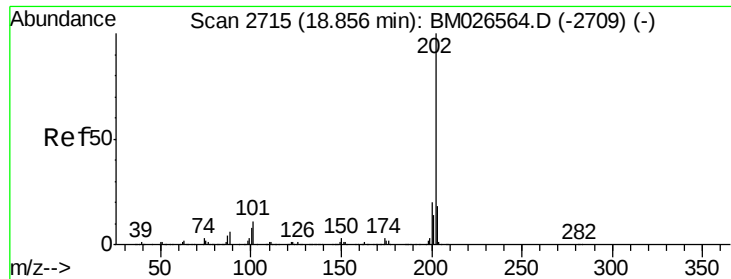
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#72
Anthracene
Concen: 5.097 ng/ul
RT: 16.92 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM026578.D
Acq: 26 Jun 2020 03:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	18.2	14.3	21.5





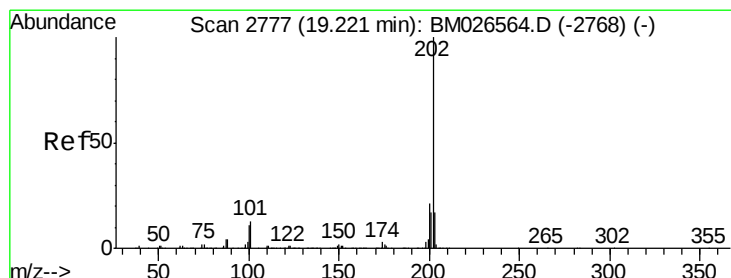
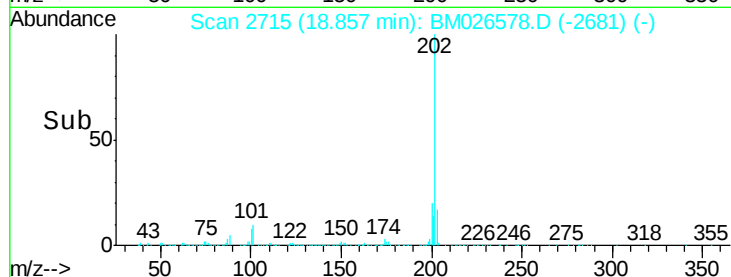
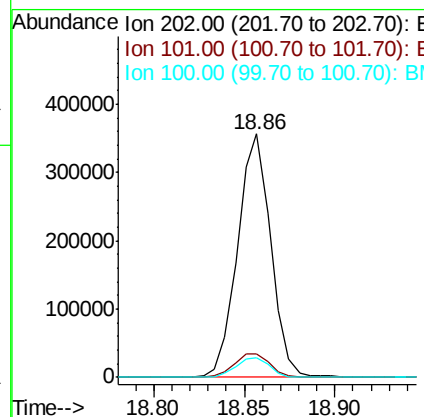
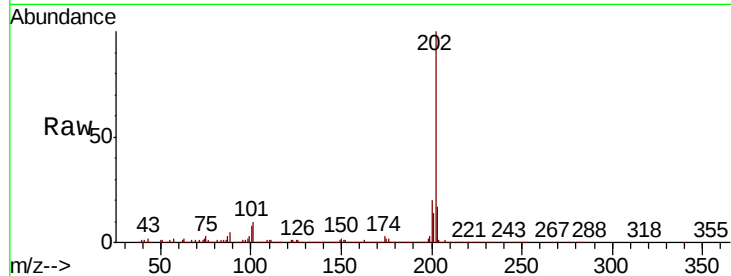
#77
Fluoranthene
Concen: 10.547 ng/ul
RT: 18.86 min Scan# 2715
Delta R.T. 0.00 min
Lab File: BM026578.D
Acq: 26 Jun 2020 03:29

Instrument :
BNA_M
ClientSampleId :
ET161DL2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		452814		
101	9.8	8.6	12.8		
100	7.9	6.8	10.2		

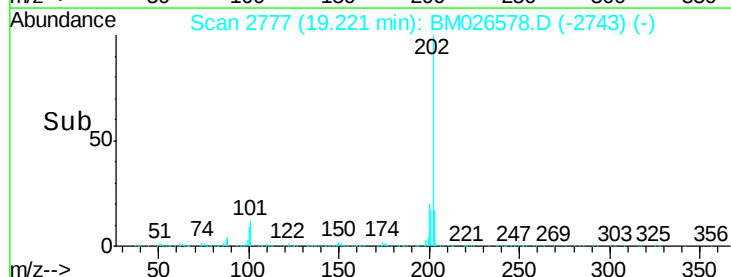
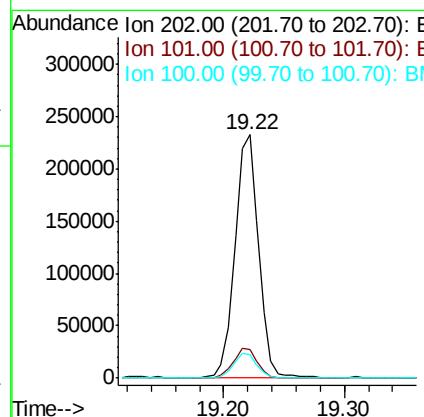
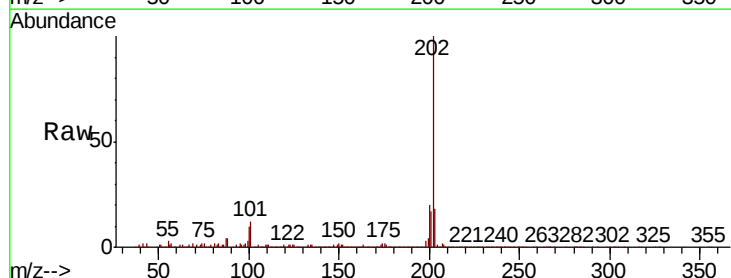
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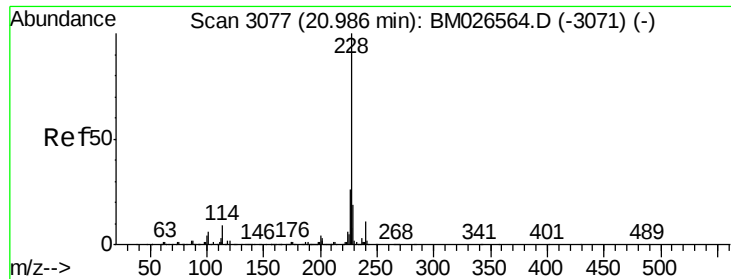
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#80
Pyrene
Concen: 6.382 ng/ul
RT: 19.22 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BM026578.D
Acq: 26 Jun 2020 03:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		315314		
101	11.9	10.9	16.3		
100	9.5	9.0	13.6		





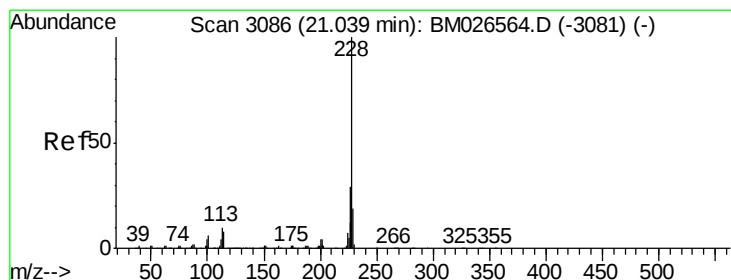
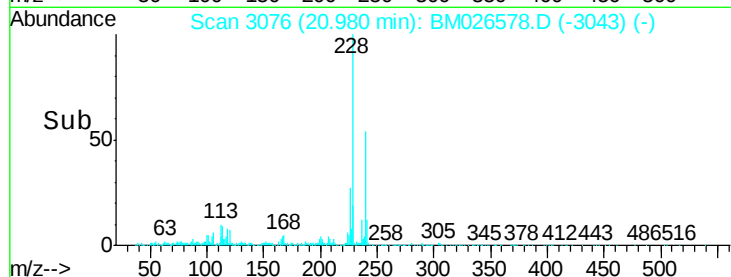
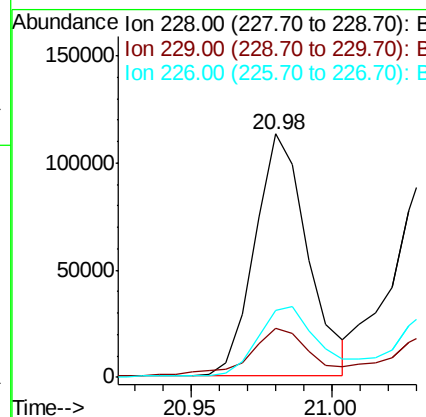
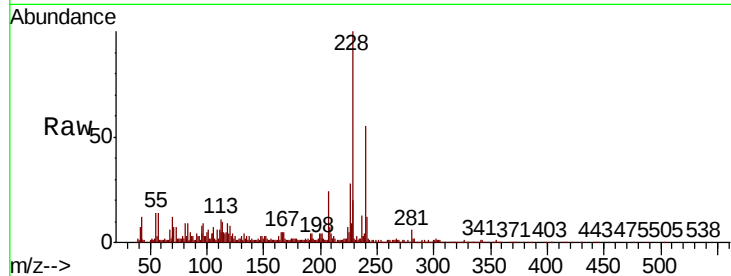
#83
Benzo(a)anthracene
Concen: 3.052 ng/ul
RT: 20.98 min Scan# 3076
Delta R.T. -0.01 min
Lab File: BM026578.D
Acq: 26 Jun 2020 03:29

Instrument :
BNA_M
ClientSampleId :
ET161DL2

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.4	23.2
226	27.7	21.0	31.4

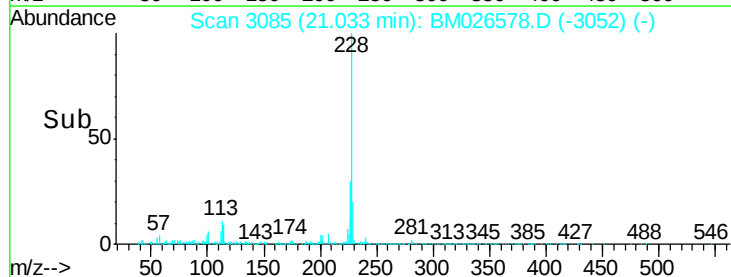
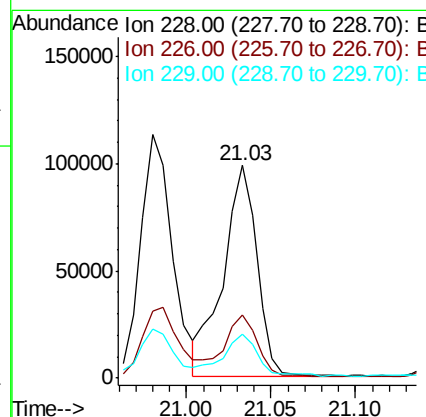
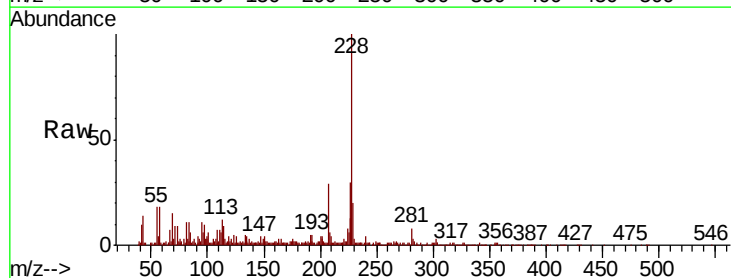
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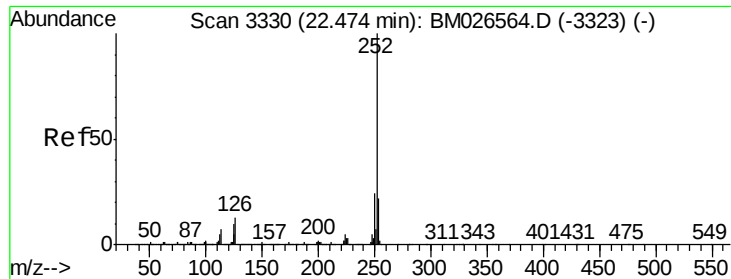
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#85
Chrysene
Concen: 2.958 ng/ul
RT: 21.03 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM026578.D
Acq: 26 Jun 2020 03:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.7	35.5
229	20.5	15.5	23.3





#88

Benzo(b)fluoranthene

Concen: 4.252 ng/uL

RT: 22.47 min Scan# 3330

Delta R.T. 0.00 min

Lab File: BM026578.D

Acq: 26 Jun 2020 03:29

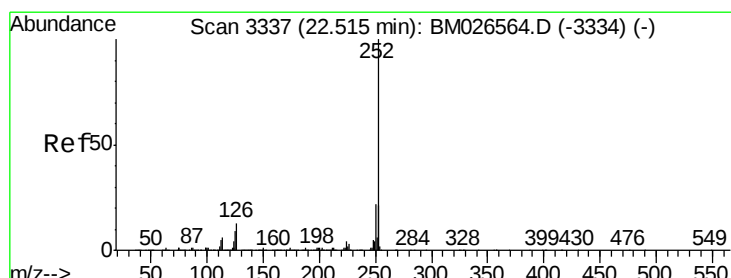
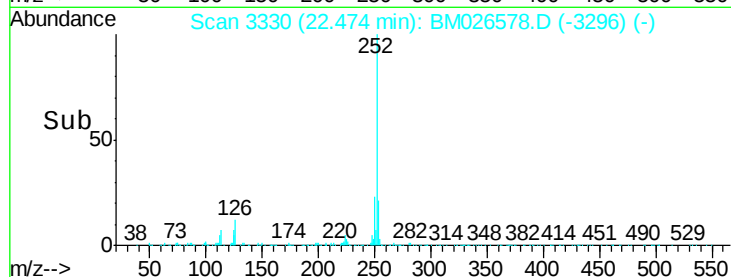
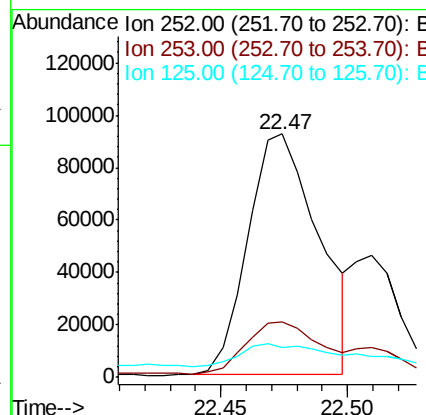
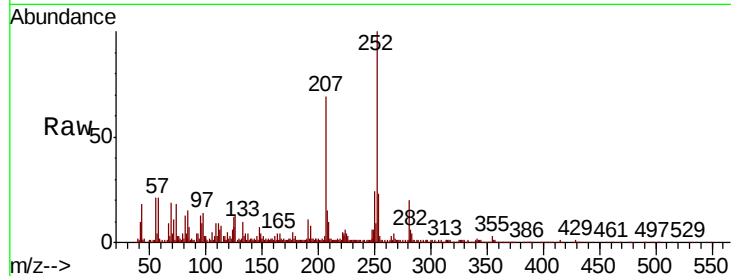
Instrument :
BNA_M

ClientSampleId :
ET161DL2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	12.1	7.4	11.2#

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 1.447 ng/uL m

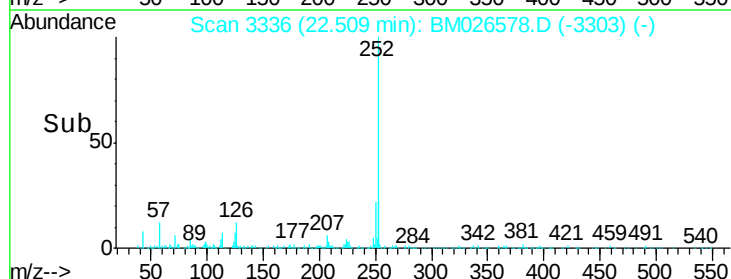
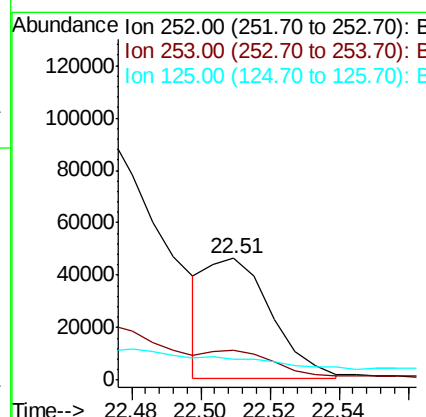
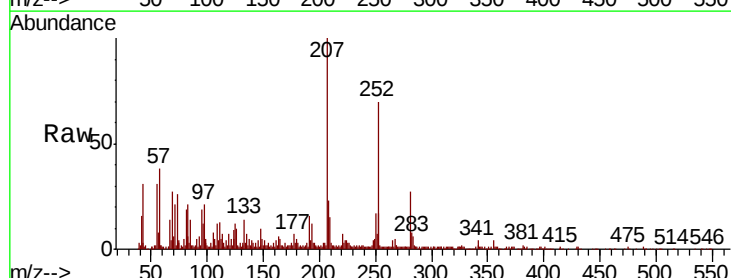
RT: 22.51 min Scan# 3336

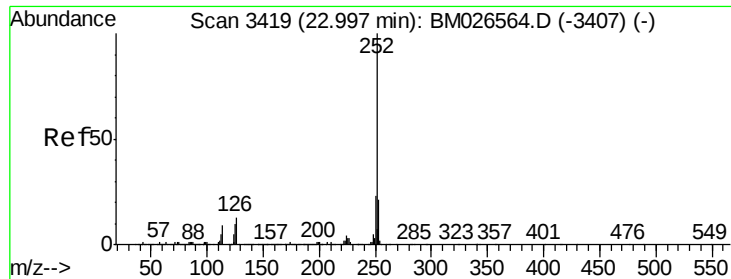
Delta R.T. -0.01 min

Lab File: BM026578.D

Acq: 26 Jun 2020 03:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	17.3	8.2	12.2#





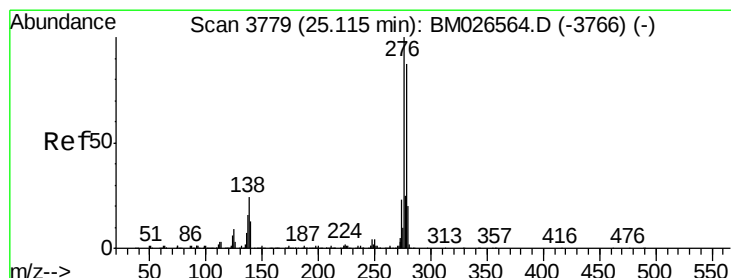
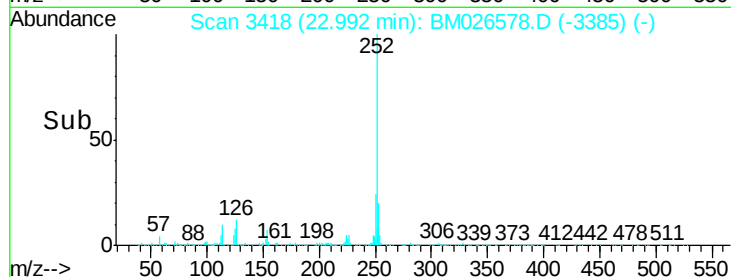
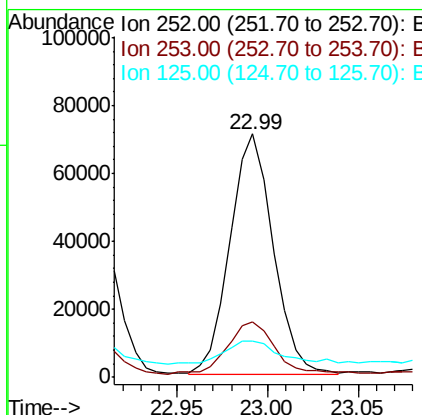
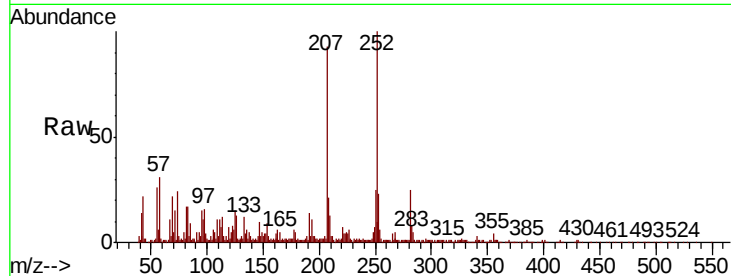
#91
Benzo(a)pyrene
Concen: 3.143 ng/ul
RT: 22.99 min Scan# 3418
Delta R.T. -0.01 min
Lab File: BM026578.D
Acq: 26 Jun 2020 03:29

Instrument :
BNA_M
ClientSampleId :
ET161DL2

Tot Ion:	252	Resp:	117031
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	15.1	8.7	13.1#

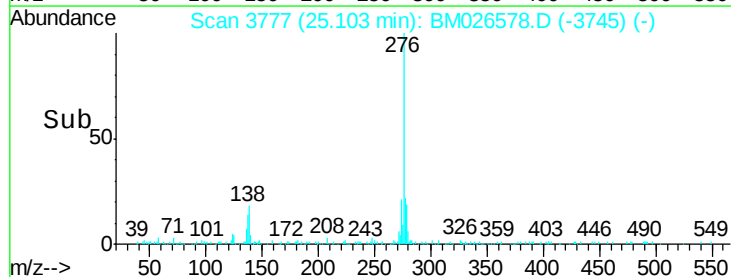
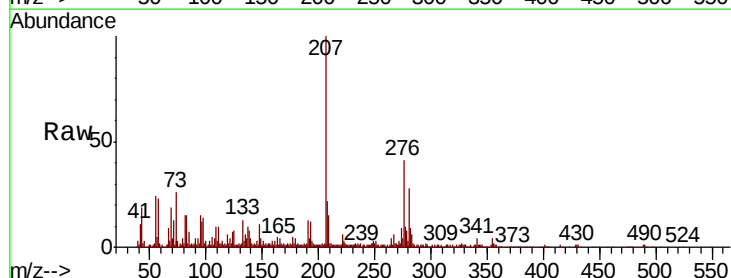
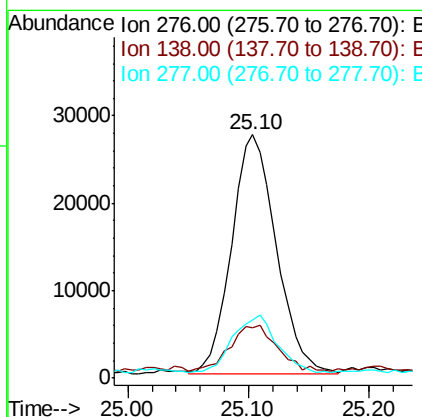
Manual Integrations
APPROVED

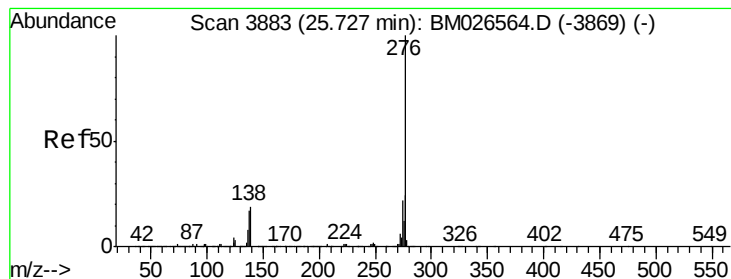
mohammad
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.445 ng/ul
RT: 25.10 min Scan# 3777
Delta R.T. -0.01 min
Lab File: BM026578.D
Acq: 26 Jun 2020 03:29

Tgt Ion:	276	Resp:	70527
Ion Ratio	Lower	Upper	
276	100		
138	20.7	18.3	27.5
277	24.1	19.3	28.9





#94

Benzo(a,h,i)perylene

Concen: 1.514 ng/ul

RT: 25.72 min Scan# 3881

Delta R.T. -0.01 min

Lab File: BM026578.D

Acq: 26 Jun 2020 03:29

Instrument :

BNA_M

ClientSampleId :

ET161DL2

Tot Ion:	276	Resp:	61746
Ion Ratio	Lower	Upper	
276	100		
138	23.7	15.8	23.8
277	26.0	19.8	29.8

Manual Integrations
APPROVED

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