

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
 Data File : BM026555.D
 Acq On : 25 Jun 2020 11:33
 Operator : JU/CG
 Sample : L3064-07DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 ET161DL

Manual Integrations
 APPROVED

mohammad
 6/26/2020 12:19:47 PM

Quant Time: Jun 25 12:43:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 25 10:53:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	94784	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	445521	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	314457	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	711811	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	812125	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	722330	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	6.74	67	2828	0.51	ng/ul	0.01
9) 2-Chlorophenol-d4	6.93	132	2648	0.37	ng/ul	0.01
13) 4-Methylphenol-d8	8.12	113	1682	0.24	ng/ul	0.02
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	9.81	165	2037	0.25	ng/ul	0.04
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.46	166	12375	0.47	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	11848	0.37	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	0d	0.00	ng/ul	
71) Anthracene-d10	16.89	188	19737	0.54	ng/ul	0.00
79) Pyrene-d10	19.19	212	20580	0.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	17410	0.44	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.18	128	63947	2.360	ng/ul	99
34) 2-Methylnaphthalene	11.80	142	444224	23.331	ng/ul	98
41) 1,1'-Biphenyl	12.85	154	114812	4.114	ng/ul	99
48) Acenaphthylene	13.75	152	38207	1.131	ng/ul#	94
50) Acenaphthene	14.10	153	2169131	93.042	ng/ul	99
54) Dibenzofuran	14.44	168	1907923	57.969	ng/ul	98
59) Fluorene	15.09	166	1596814	58.779	ng/ul	100
70) Phenanthrene	16.83	178	1542763	34.557	ng/ul	100
72) Anthracene	16.92	178	390805	8.540	ng/ul	99
77) Fluoranthene	18.86	202	875020	17.940	ng/ul	99
80) Pyrene	19.22	202	604055	10.117	ng/ul	98
83) Benzo(a)anthracene	20.99	228	276188	4.774	ng/ul	96
85) Chrysene	21.04	228	271231	4.829	ng/ul	98
88) Benzo(b)fluoranthene	22.47	252	358035	7.228	ng/ul	98
89) Benzo(k)fluoranthene	22.51	252	105023m	2.204	ng/ul	
91) Benzo(a)pyrene	23.00	252	222640	5.102	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.11	276	130801	2.287	ng/ul	95
94) Benzo(g,h,i)perylene	25.72	276	117577	2.461	ng/ul	97

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

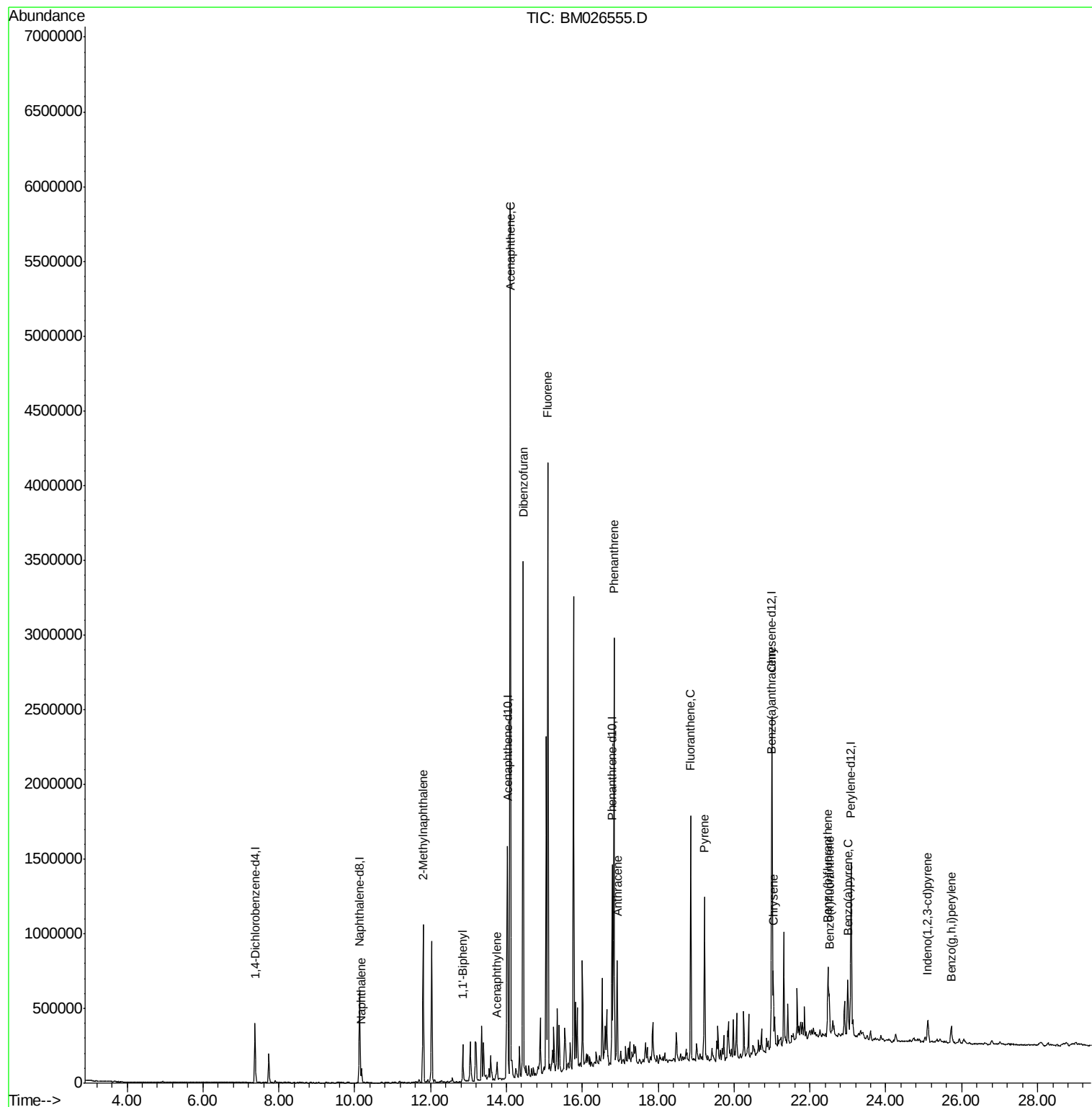
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026555.D
Acq On : 25 Jun 2020 11:33
Operator : JU/CG
Sample : L3064-07DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

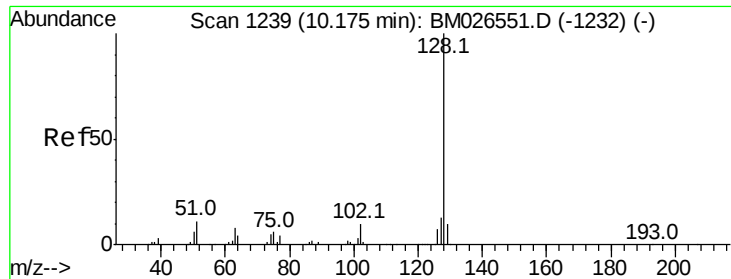
Instrument :
BNA_M
ClientSampleId :
ET161DL

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Quant Time: Jun 25 12:43:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 25 10:53:13 2020
Response via : Initial Calibration





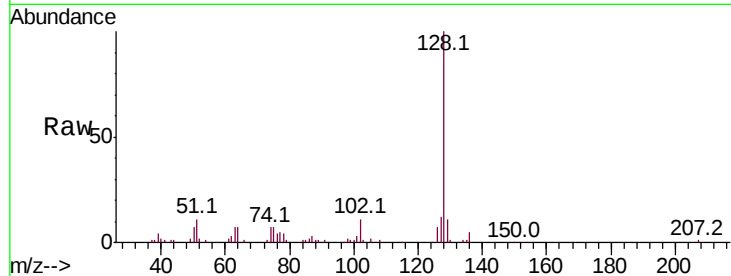
#28
Naphthalene
Concen: 2.360 ng/ul
RT: 10.18 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BM026555.D
Acq: 25 Jun 2020 11:33

Instrument :
BNA_M
ClientSampled :
ET161DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	12.2	10.1	15.1

Manual Integrations
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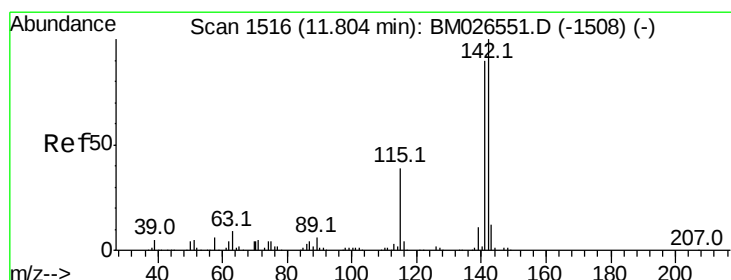
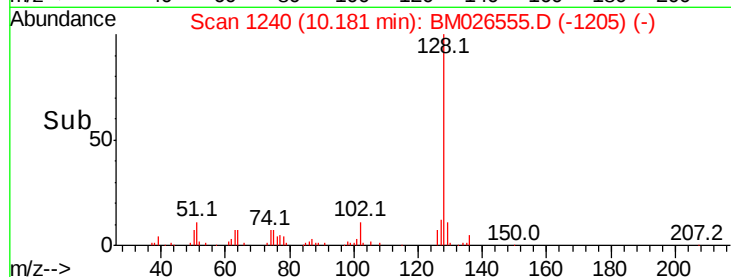
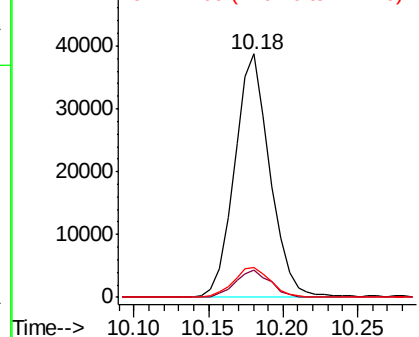


Abundance

Ion 128.00 (127.70 to 128.70): E

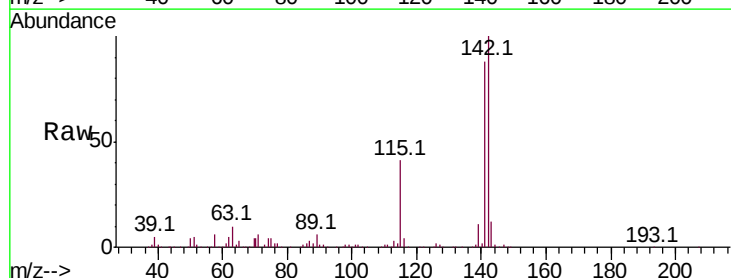
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34
2-Methylnaphthalene
Concen: 23.331 ng/ul
RT: 11.80 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BM026555.D
Acq: 25 Jun 2020 11:33

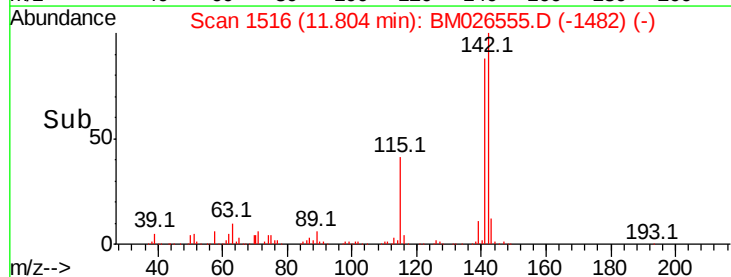
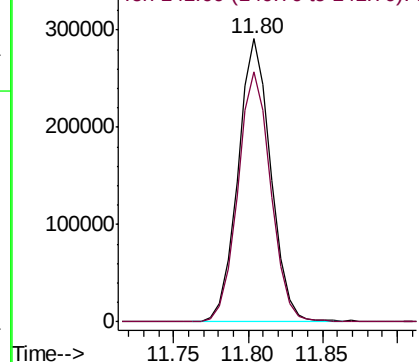
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.1	108.1

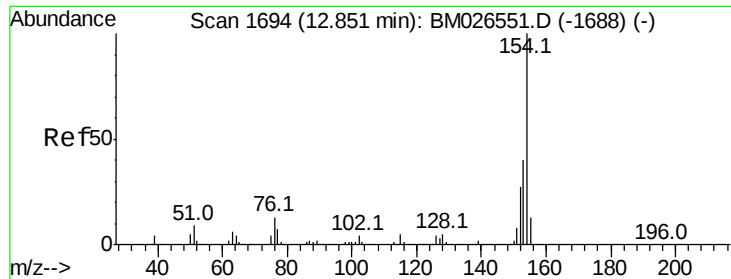


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





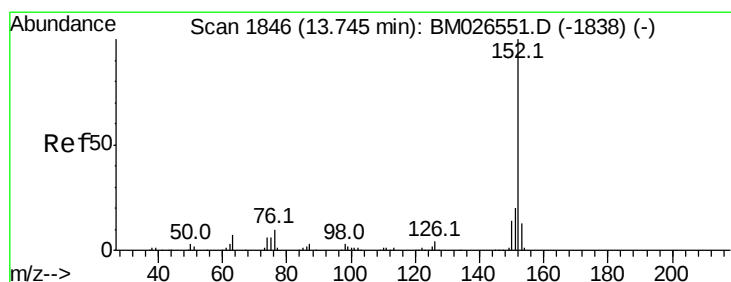
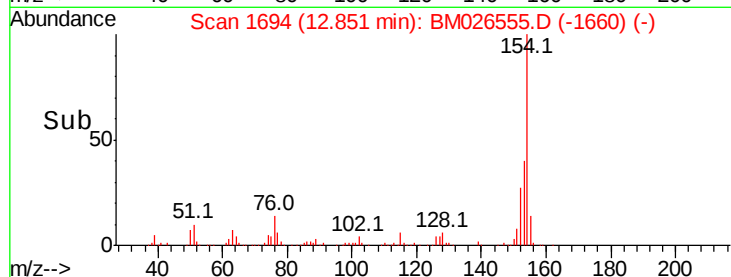
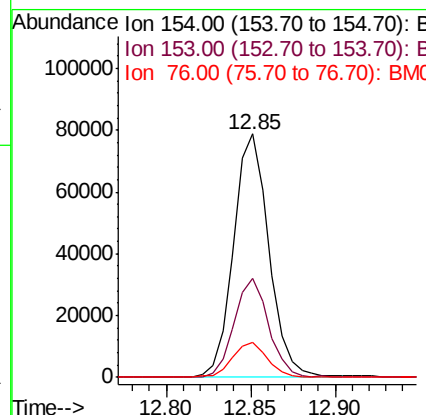
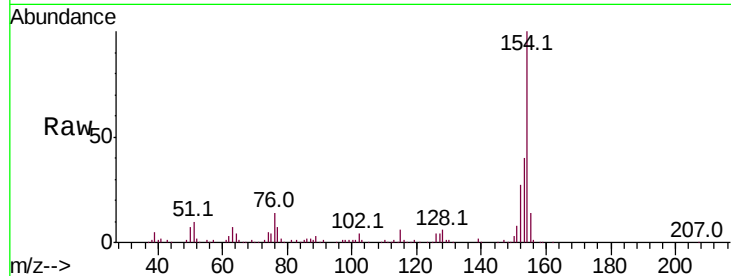
#41
1,1'-Biphenyl
Concen: 4.114 ng/ul
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BM026555.D
Acq: 25 Jun 2020 11:33

Instrument :
BNA_M
ClientSampled :
ET161DL

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	32.6	49.0	
76	14.3	11.8	17.8	

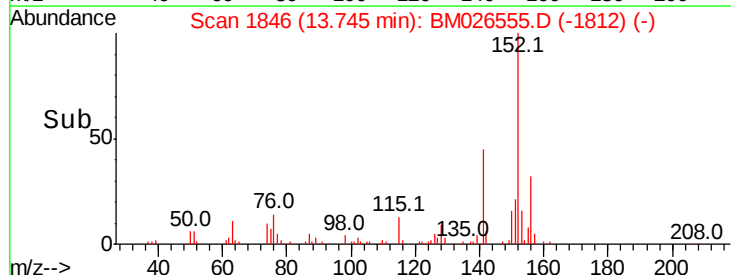
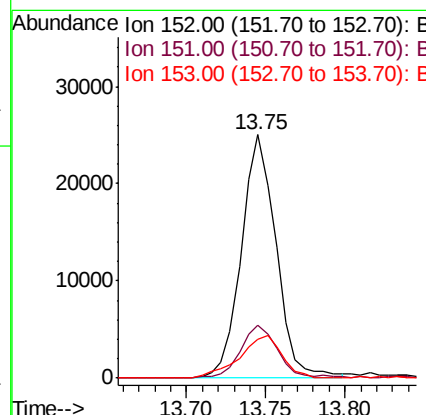
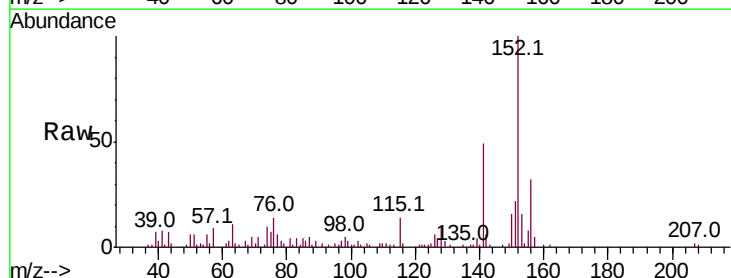
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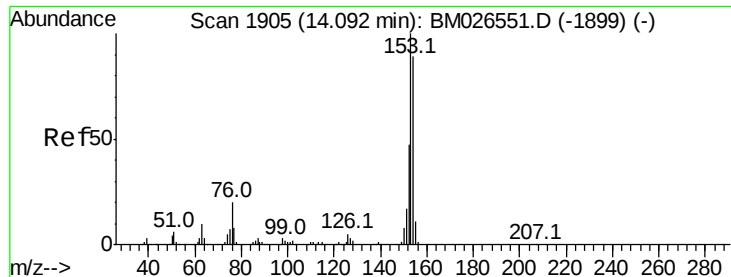
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#48
Acenaphthylene
Concen: 1.131 ng/ul
RT: 13.75 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BM026555.D
Acq: 25 Jun 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	21.6	15.4	23.2	
153	16.1	10.4	15.6	





#50

Acenaphthene

Concen: 93.042 ng/ul

RT: 14.10 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BM026555.D

Acq: 25 Jun 2020 11:33

Instrument :

BNA_M

ClientSampleId :

ET161DL

Tot Ion:153 Resp: 2169131

Ion Ratio Lower Upper

153 100

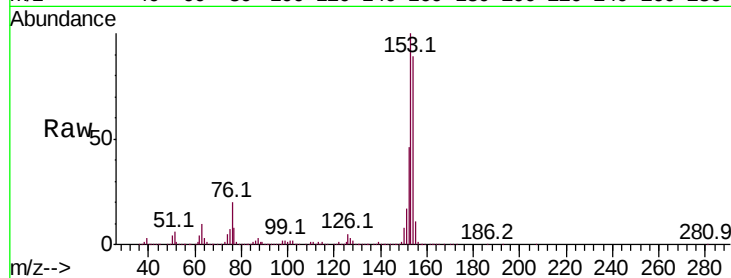
152 46.5 36.4 54.6

154 89.1 71.0 106.4

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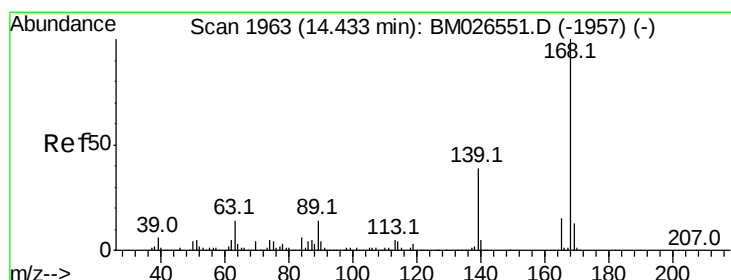
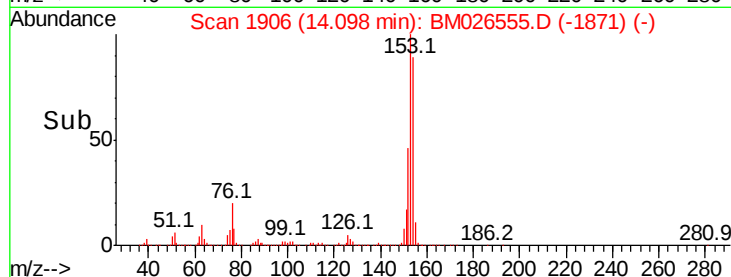
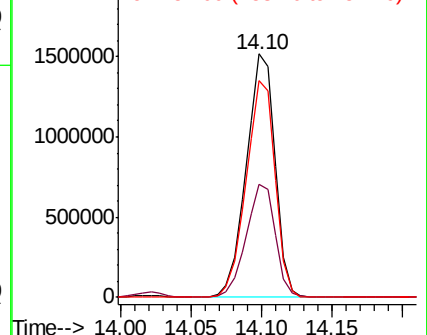


Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 57.969 ng/ul

RT: 14.44 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BM026555.D

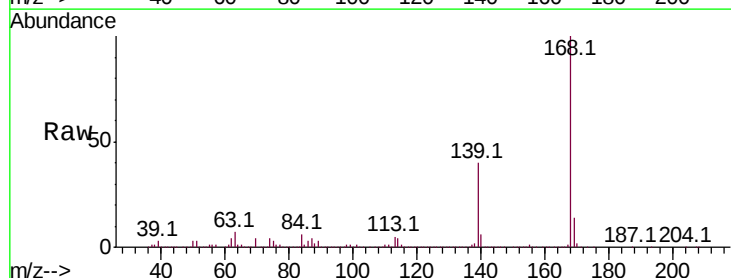
Acq: 25 Jun 2020 11:33

Tgt Ion:168 Resp: 1907923

Ion Ratio Lower Upper

168 100

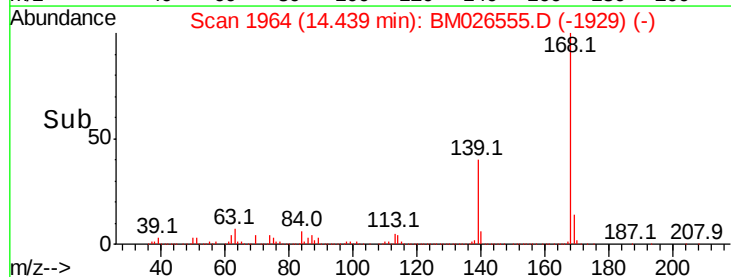
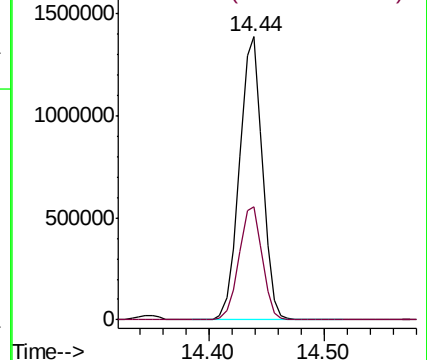
139 40.0 31.1 46.7

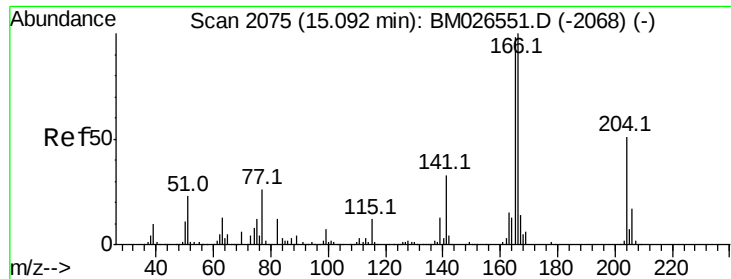


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





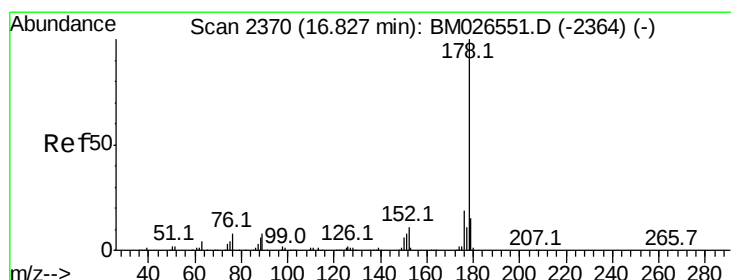
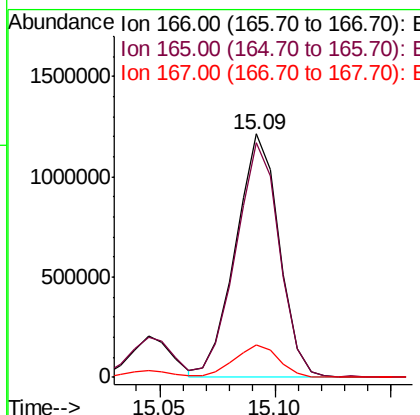
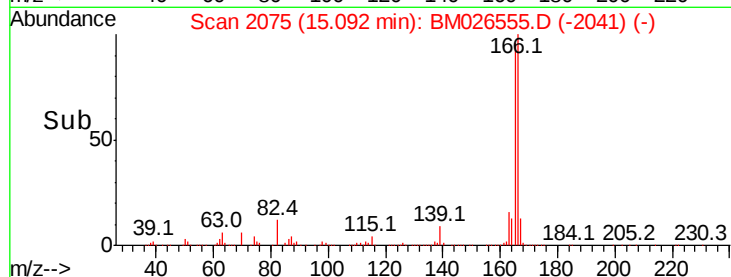
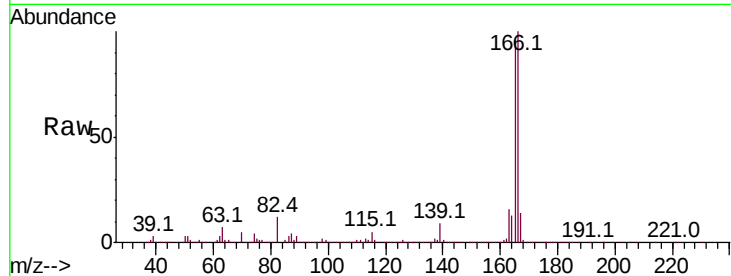
#59
Fluorene
Concen: 58.779 ng/ul
RT: 15.09 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BM026555.D
Acq: 25 Jun 2020 11:33

Instrument :
BNA_M
ClientSampleId :
ET161DL

Tot Ion:166 Resp: 1596814
Ion Ratio Lower Upper
166 100
165 96.2 77.0 115.4
167 13.5 10.6 16.0

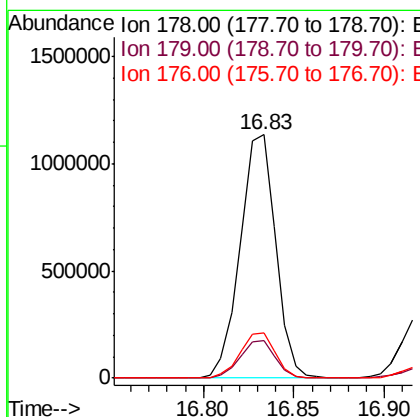
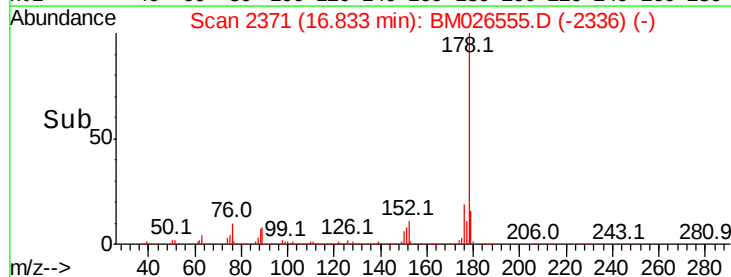
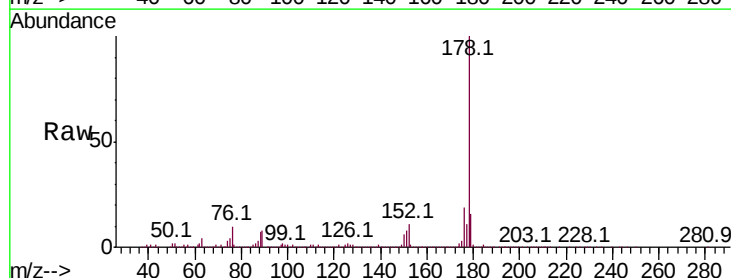
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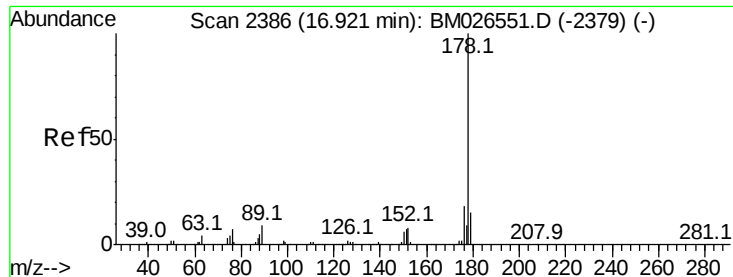
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#70
Phenanthrene
Concen: 34.557 ng/ul
RT: 16.83 min Scan# 2371
Delta R.T. 0.01 min
Lab File: BM026555.D
Acq: 25 Jun 2020 11:33

Tgt Ion:178 Resp: 1542763
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 18.7 15.0 22.4





#72

Anthracene

Concen: 8.540 ng/ul

RT: 16.92 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BM026555.D

Acq: 25 Jun 2020 11:33

Instrument :

BNA_M

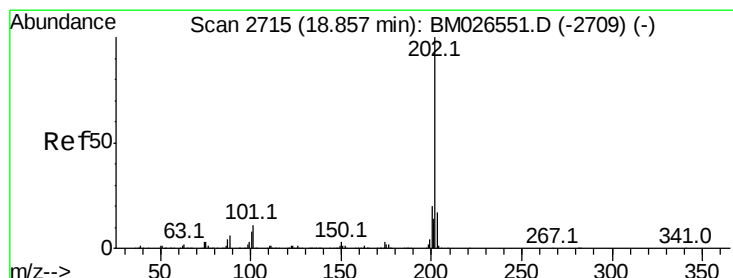
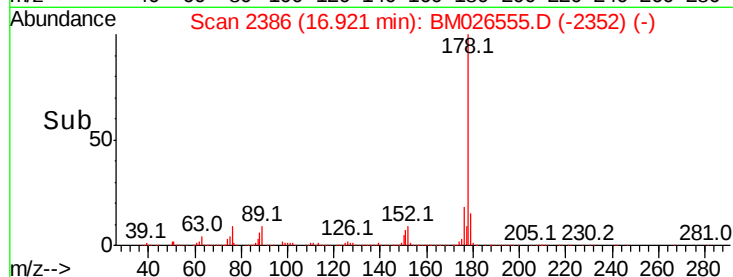
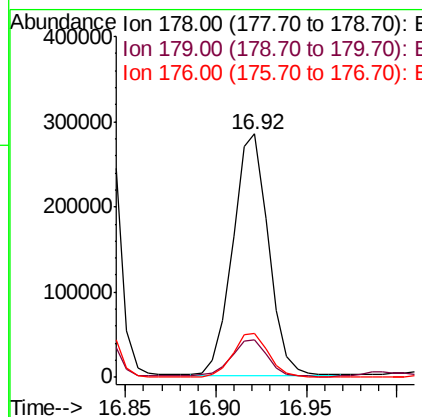
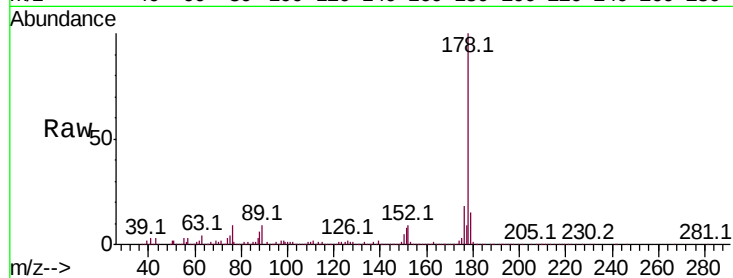
ClientSampleId :

ET161DL

Tot Ion:	178	Resp:	390805
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.2	18.4
176	18.3	14.3	21.5

Manual Integrations
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#77

Fluoranthene

Concen: 17.940 ng/ul

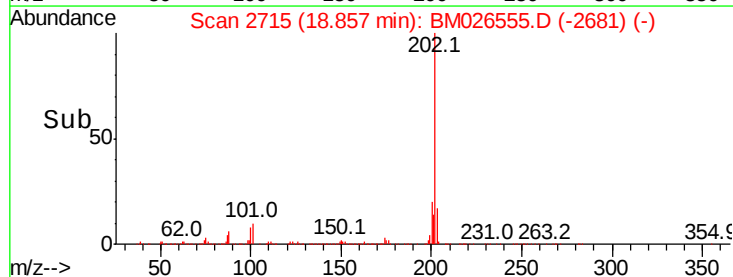
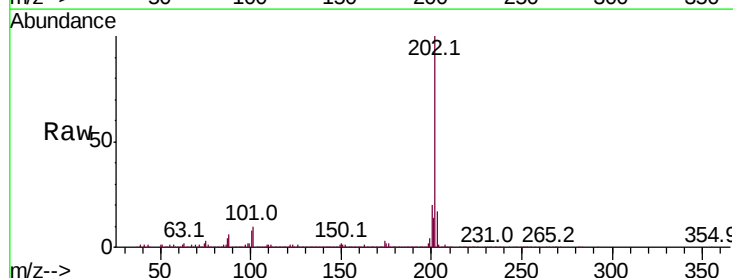
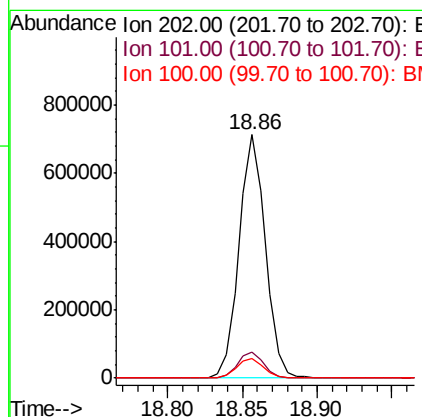
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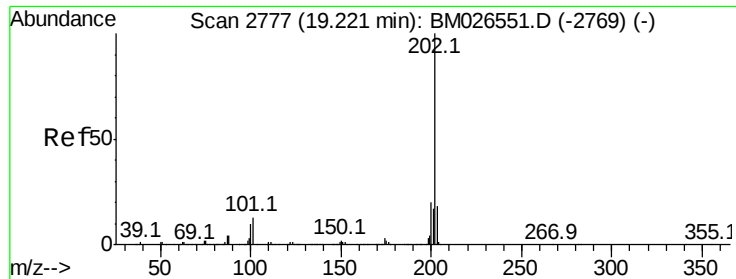
Delta R.T. -0.00 min

Lab File: BM026555.D

Acq: 25 Jun 2020 11:33

Tgt Ion:	202	Resp:	875020
Ion Ratio	Lower	Upper	
202	100		
101	10.5	8.6	12.8
100	8.0	6.8	10.2





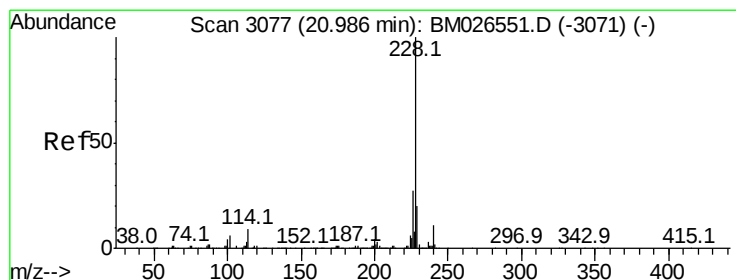
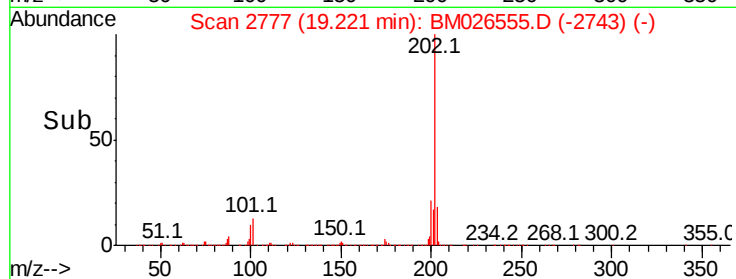
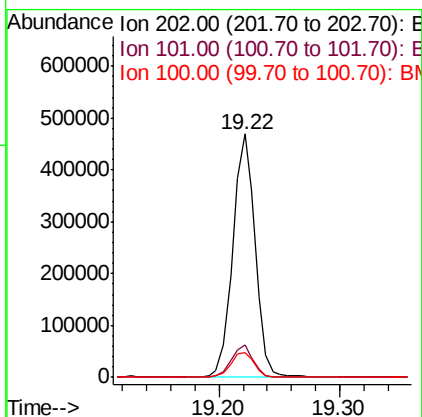
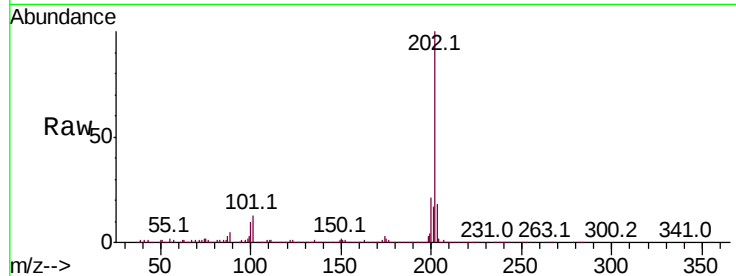
#80
Pvrene
Concen: 10.117 ng/ul
RT: 19.22 min Scan# 2777
Delta R.T. -0.00 min
Lab File: BM026555.D
Acq: 25 Jun 2020 11:33

Instrument :
BNA_M
ClientSampleId :
ET161DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	604055		
101	13.2		10.9	16.3
100	10.1		9.0	13.6

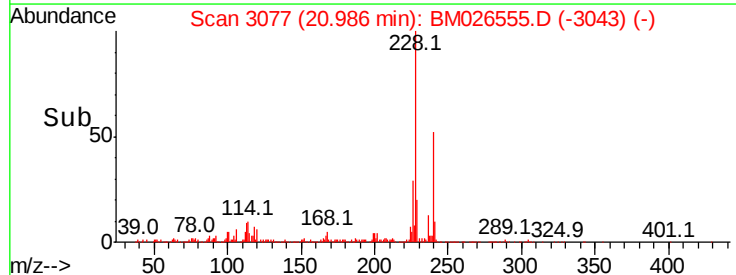
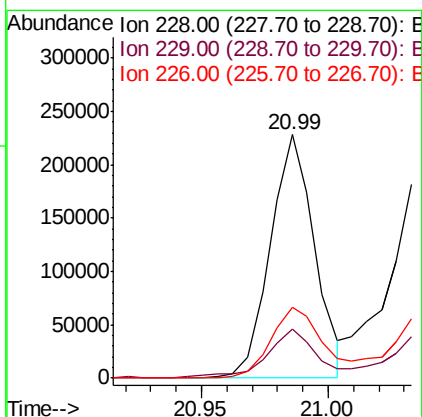
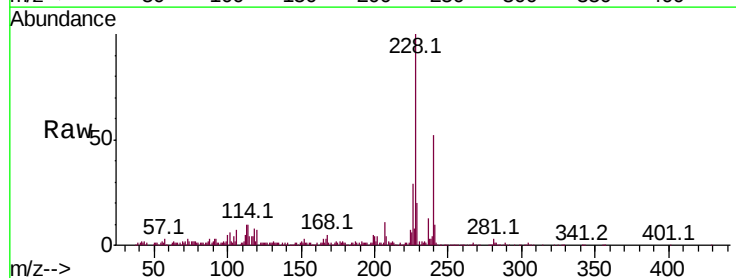
Manual Integrations
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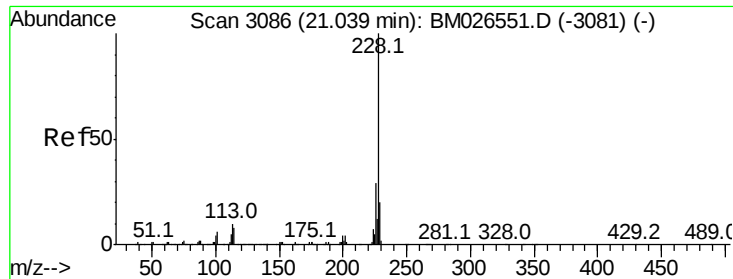
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#83
Benzo(a)anthracene
Concen: 4.774 ng/ul
RT: 20.99 min Scan# 3077
Delta R.T. -0.00 min
Lab File: BM026555.D
Acq: 25 Jun 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	276188		
229	20.0		15.4	23.2
226	28.9		21.0	31.4





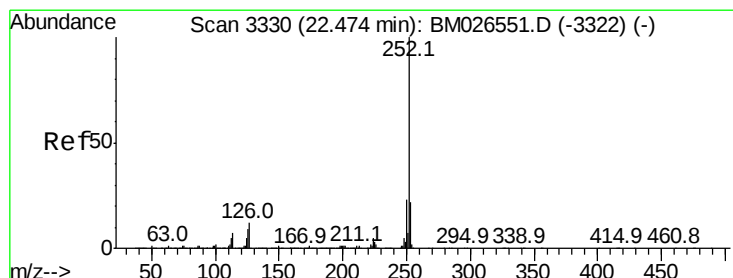
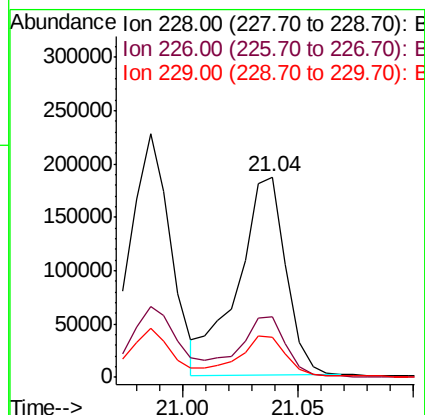
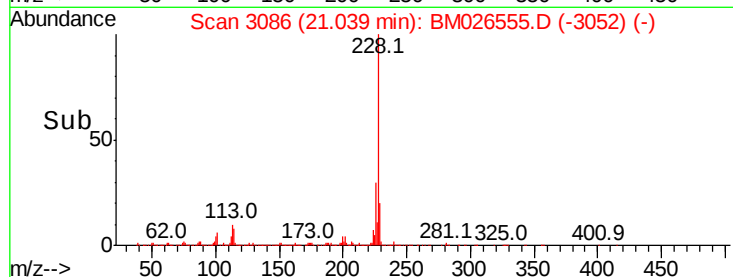
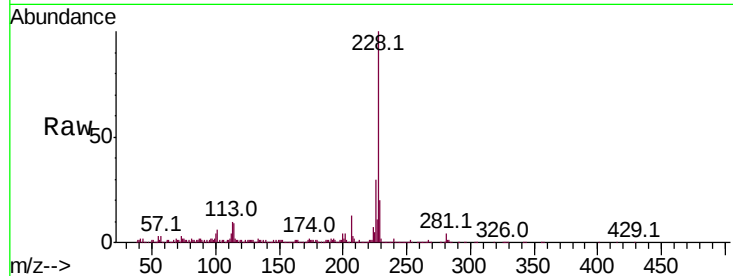
#85
Chrysene
Concen: 4.829 ng/ul
RT: 21.04 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BM026555.D
Acq: 25 Jun 2020 11:33

Instrument :
BNA_M
ClientSampleID :
ET161DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.7	35.5
229	20.2	15.5	23.3

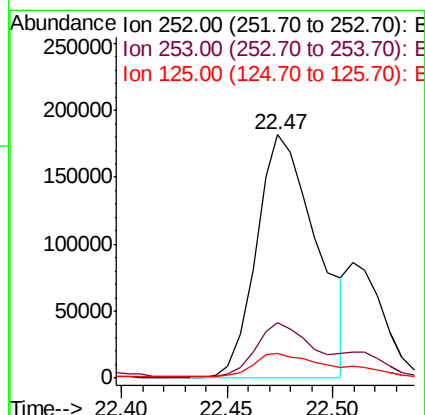
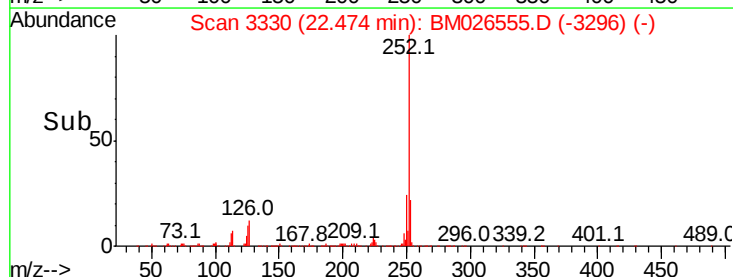
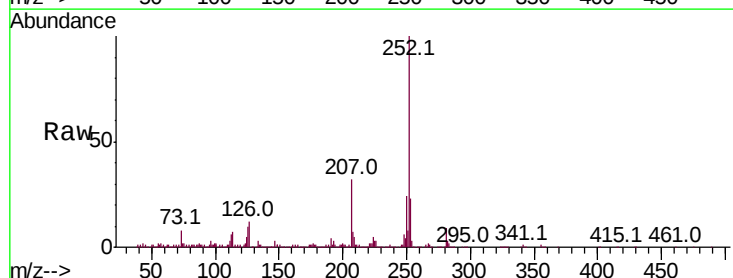
Manual Integrations
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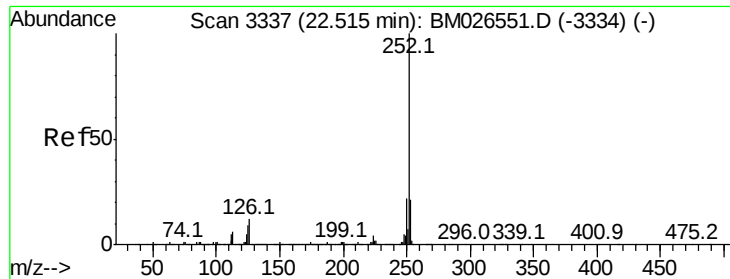
mohammad
6/26/2020 12:19:47 PM



#88
Benzo(b)fluoranthene
Concen: 7.228 ng/ul
RT: 22.47 min Scan# 3330
Delta R.T. -0.00 min
Lab File: BM026555.D
Acq: 25 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	10.3	7.4	11.2





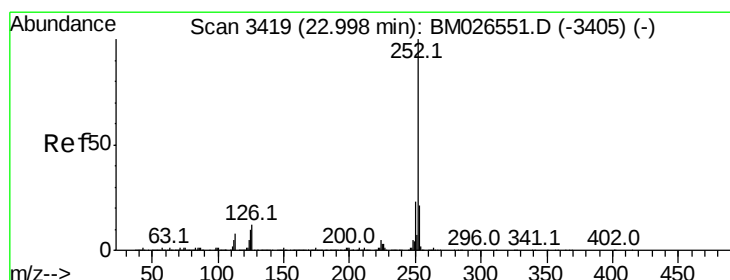
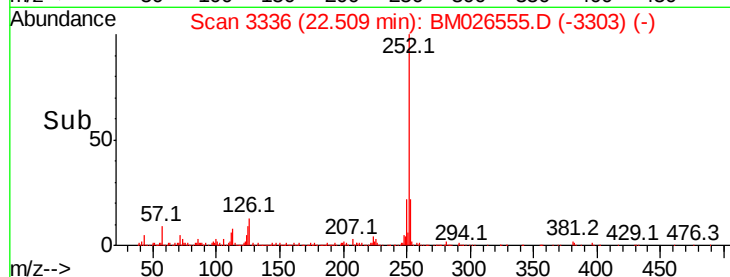
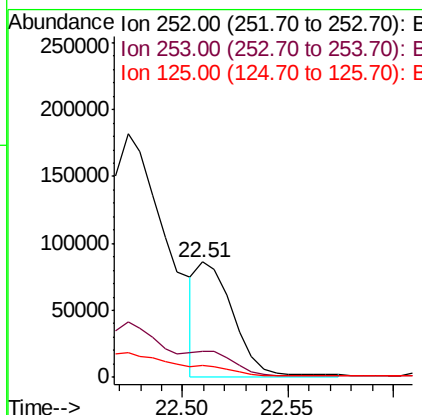
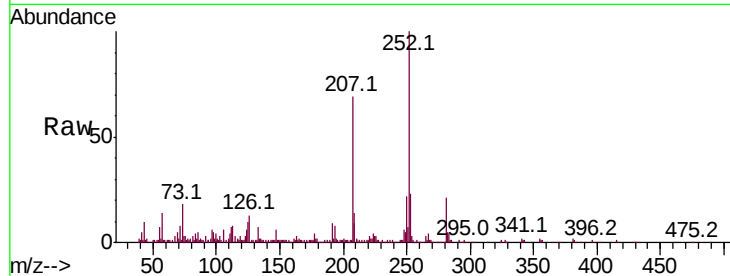
#89
Benzo(k)fluoranthene
Concen: 2.204 ng/ul m
RT: 22.51 min Scan# 3336
Delta R.T. -0.01 min
Lab File: BM026555.D
Acq: 25 Jun 2020 11:33

Instrument :
BNA_M
ClientSampleId :
ET161DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	10.4	8.2	12.2

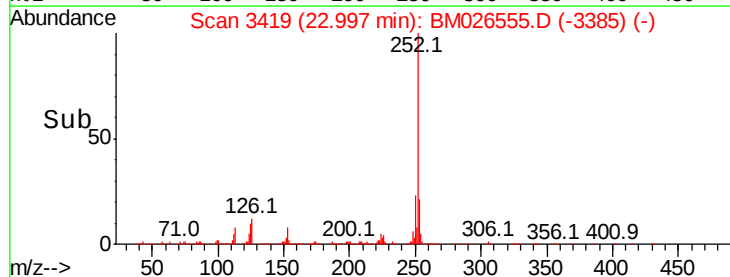
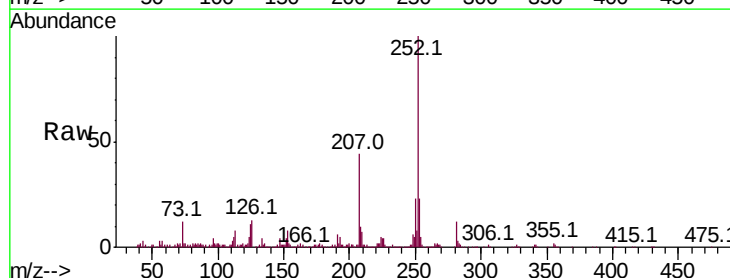
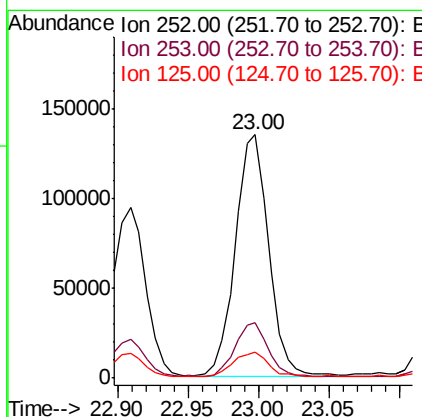
Manual Integrations
APPROVED

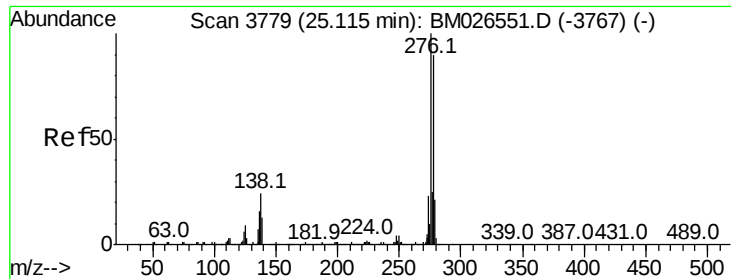
mohammad
6/26/2020 12:19:47 PM



#91
Benzo(a)pyrene
Concen: 5.102 ng/ul
RT: 23.00 min Scan# 3419
Delta R.T. -0.00 min
Lab File: BM026555.D
Acq: 25 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	10.7	8.7	13.1





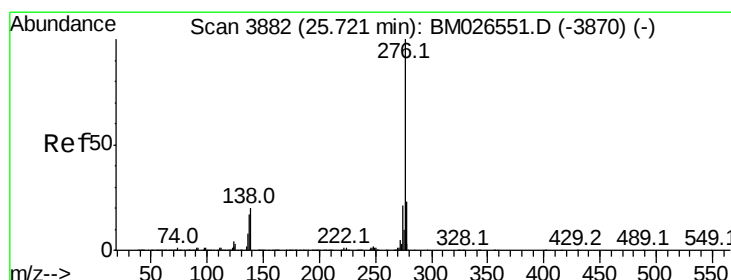
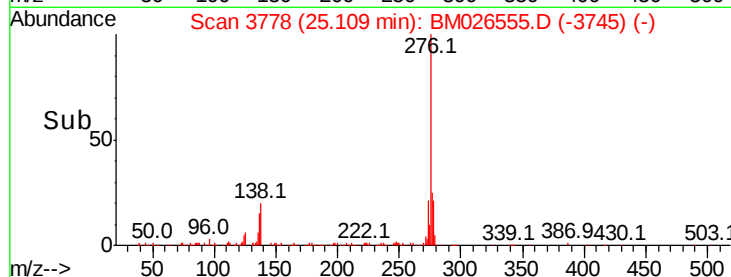
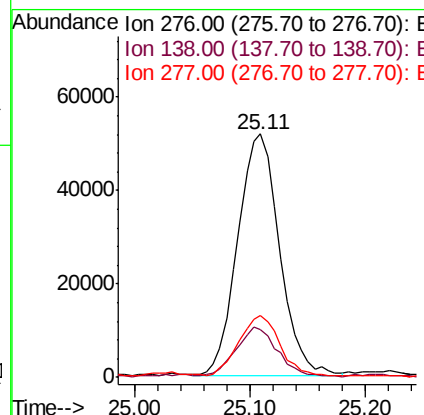
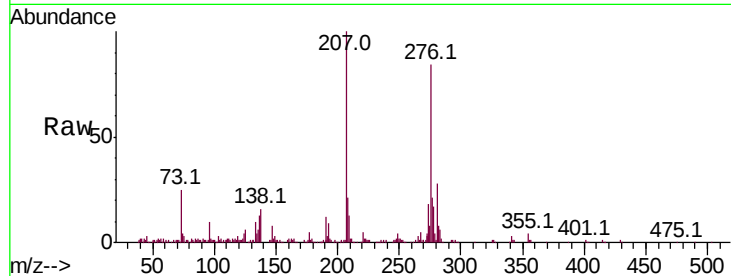
#92
Indeno(1,2,3-cd)pyrene
Concen: 2.287 ng/ul
RT: 25.11 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BM026555.D
Acq: 25 Jun 2020 11:33

Instrument :
BNA_M
Client Sampled :
ET161DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	18.3	27.5
277	25.4	19.3	28.9

Manual Integrations
APPROVED

mohammad
6/26/2020 12:19:47 PM



#94
Benzo(g,h,i)perylene
Concen: 2.461 ng/ul
RT: 25.72 min Scan# 3882
Delta R.T. -0.00 min
Lab File: BM026555.D
Acq: 25 Jun 2020 11:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	15.8	23.8
277	25.3	19.8	29.8

