

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022121\
 Data File : BM028852.D
 Acq On : 20 Feb 2021 20:47
 Operator : CG/JU
 Sample : M1412-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGY3

Manual Integrations
 APPROVED

mohammad
 2/22/2021 2:13:05 PM

Quant Time: Feb 22 01:20:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 22 00:39:12 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	29873	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	120237	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	66402	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	122476	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	93824	20.00	ng/ul	0.00
86) Perylene-d12	23.62	264	90473	20.00	ng/ul	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	1982	3.16	ng/uL	0.00
5) Phenol-d5	7.02	99	46174	20.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	26835	20.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	40723	20.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	37142	19.45	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	19085	22.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	22648	23.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	39751	21.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	11255	5.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	111342	23.26	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	143722	23.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.73	143	14419	17.40	ng/ul	0.00
58) Fluorene-d10	15.48	176	92050	22.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.63	200	13073	17.45	ng/ul	0.00
71) Anthracene-d10	17.33	188	128269	23.00	ng/ul	0.00
79) Pyrene-d10	19.62	212	120220	25.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.48	264	108070	23.18	ng/ul	0.01

Target Compounds				Ovalue		
4) Benzaldehyde	6.97	77	4581m	4.232	ng/ul	
6) Phenol	7.04	94	2918	1.242	ng/ul	93
45) Dimethylphthalate	13.95	163	60348	12.228	ng/ul	100
48) Acenaphthylene	14.21	152	6391	1.105	ng/ul	99
72) Anthracene	17.36	178	9361m	1.336	ng/ul	
76) Di-n-butylphthalate	18.19	149	9053	1.107	ng/ul	99
77) Fluoranthene	19.28	202	27363	3.597	ng/ul	98
80) Pyrene	19.64	202	40397	6.391	ng/ul	99
83) Benzo(a)anthracene	21.38	228	16191	2.775	ng/ul#	89
85) Chrysene	21.43	228	26064	4.617	ng/ul#	94
88) Benzo(b)fluoranthene	22.96	252	56389	9.504	ng/ul	97
89) Benzo(k)fluoranthene	22.99	252	13628m	2.353	ng/ul	
91) Benzo(a)pyrene	23.53	252	24074	4.706	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	25.86	276	21173	3.616	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.86	278	6266	1.253	ng/ul#	83
94) Benzo(g,h,i)perylene	26.55	276	14056	2.960	ng/ul#	85

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

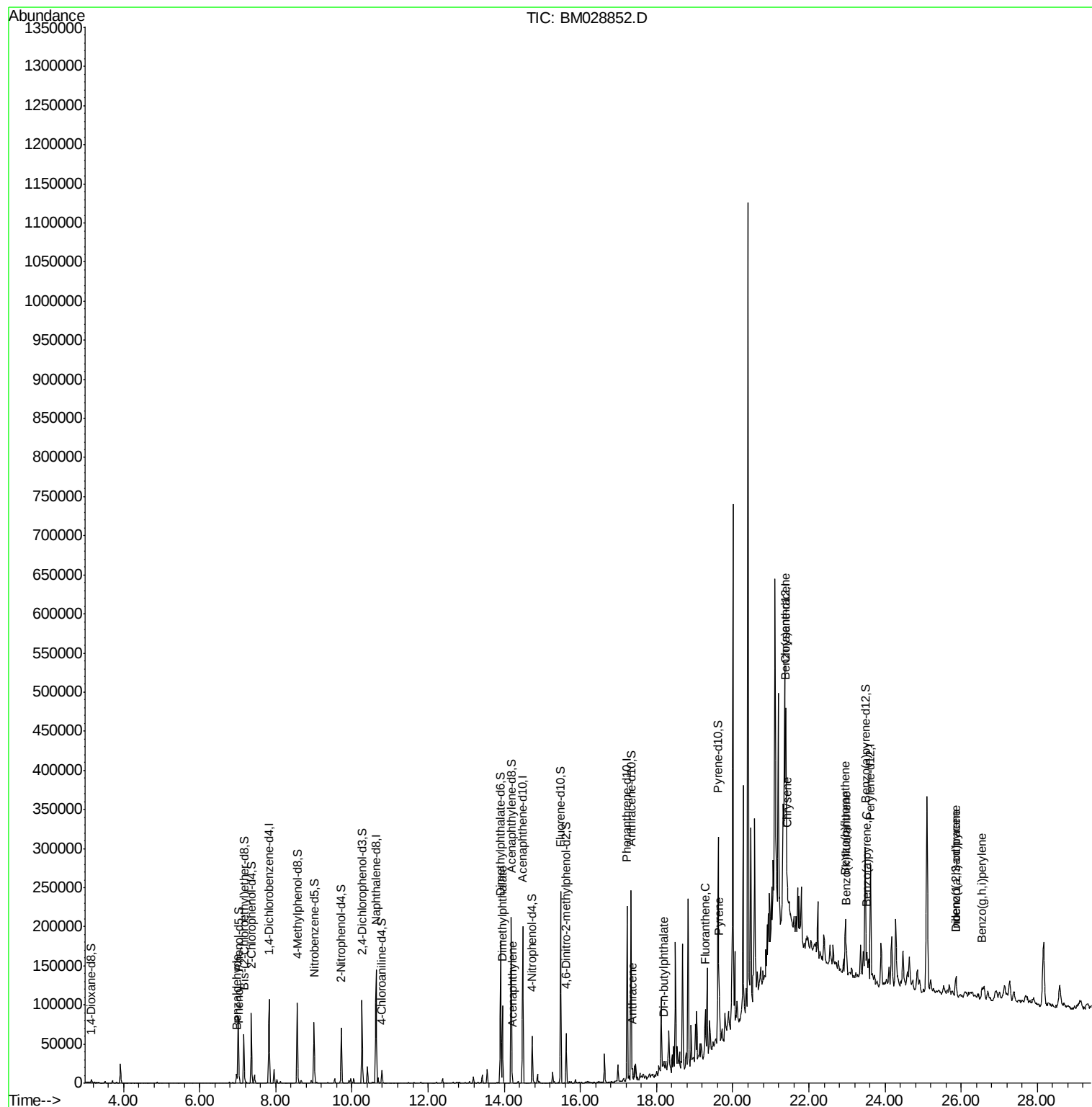
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022121\
Data File : BM028852.D
Acq On : 20 Feb 2021 20:47
Operator : CG/JU
Sample : M1412-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

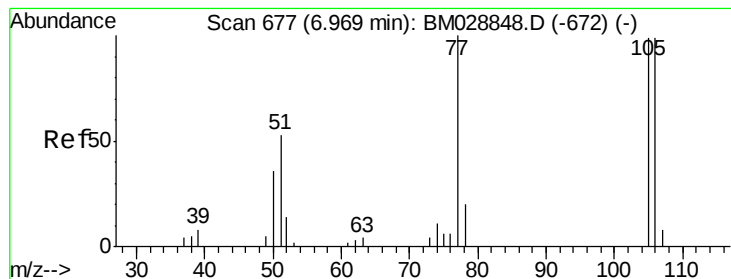
Instrument :
BNA_M
ClientSampleId :
DBGY3

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Quant Time: Feb 22 01:20:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 22 00:39:12 2021
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 4.232 ng/ul

RT: 6.97 min Scan# 678

Delta R.T. 0.01 min

Lab File: BM028852.D

Acq: 20 Feb 2021 20:47

Instrument :

BNA_M

ClientSampleId :

DBGY3

Tot Ion: 77 Resp: 4581

Ion Ratio Lower Upper

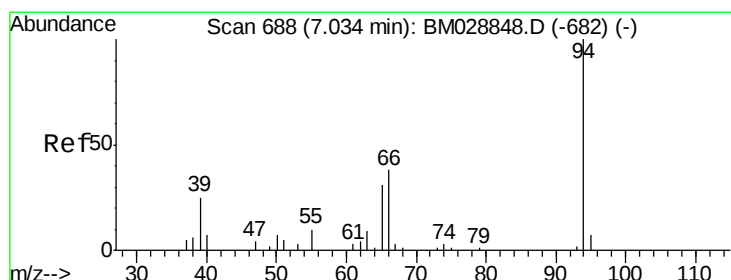
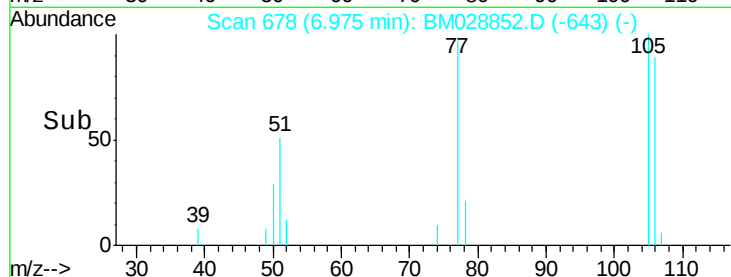
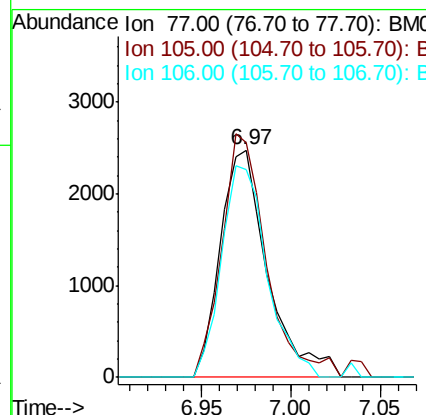
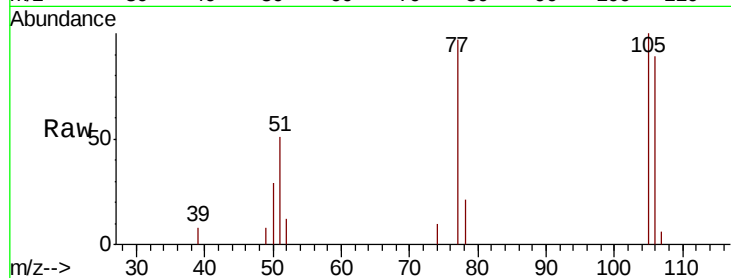
77 100

105 102.9 81.4 122.0

106 91.4 76.2 114.2

Manual Integrations
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#6

Phenol

Concen: 1.242 ng/ul

RT: 7.04 min Scan# 689

Delta R.T. -0.00 min

Lab File: BM028852.D

Acq: 20 Feb 2021 20:47

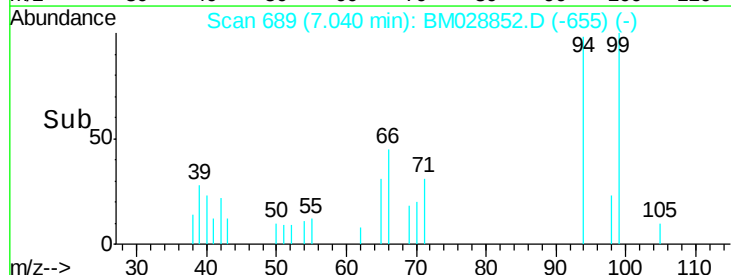
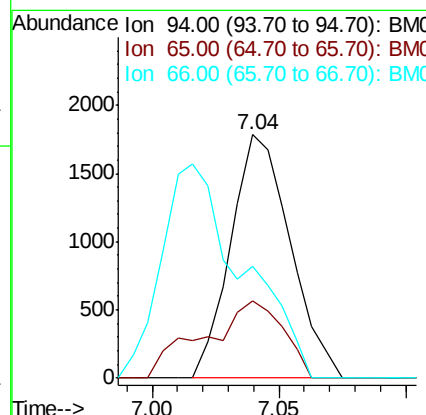
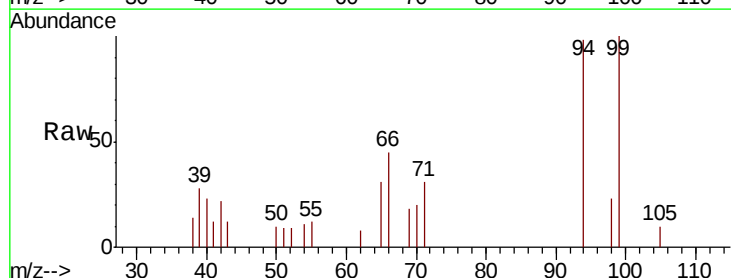
Tgt Ion: 94 Resp: 2918

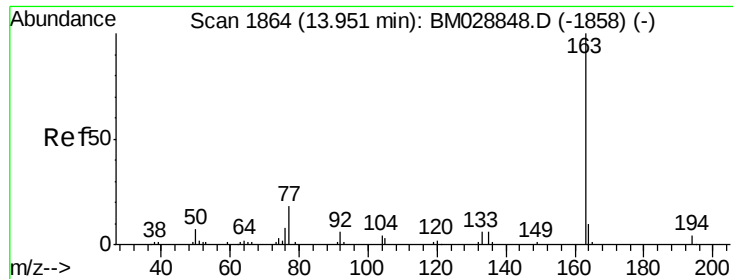
Ion Ratio Lower Upper

94 100

65 31.6 23.6 35.4

66 45.7 31.8 47.8





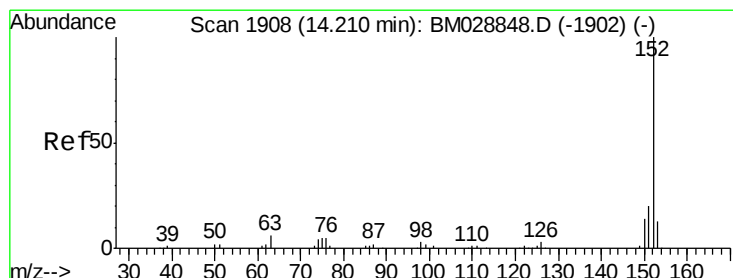
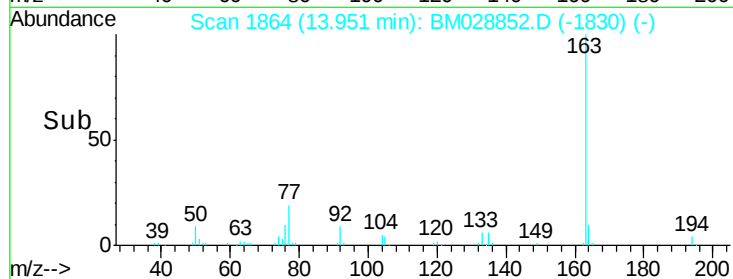
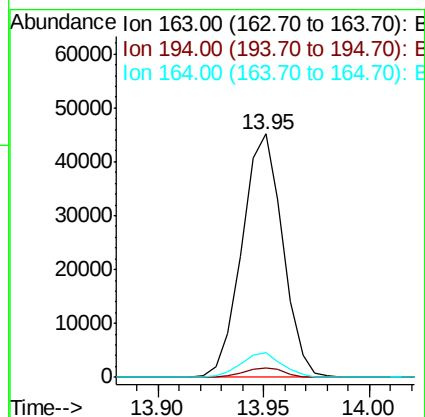
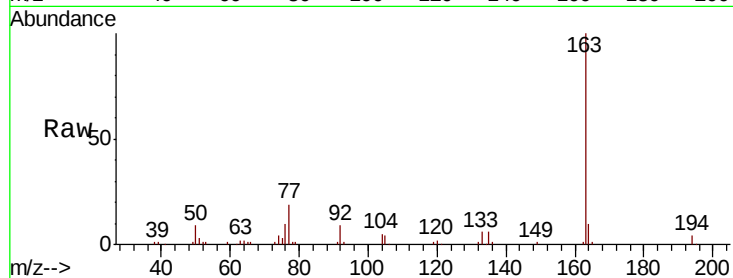
#45
Dimethylphthalate
Concen: 12.228 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BM028852.D
Acq: 20 Feb 2021 20:47

Instrument :
BNA_M
ClientSampleId :
DBGY3

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.1	8.2	12.2

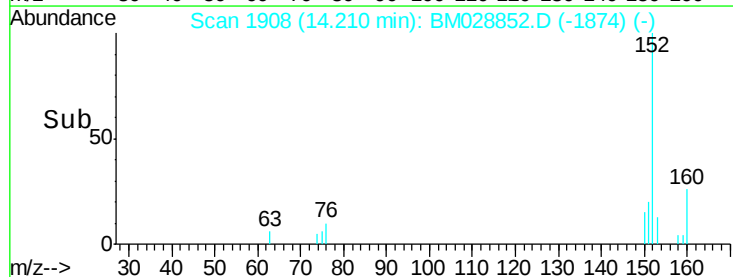
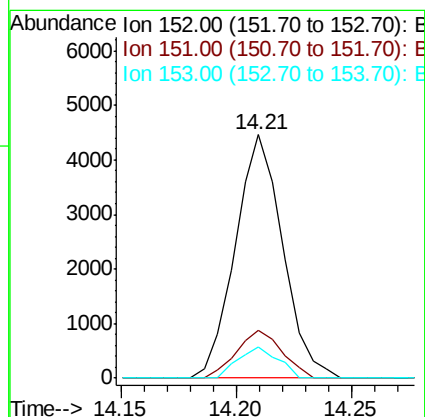
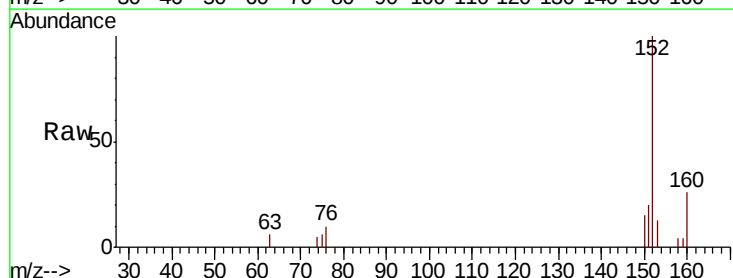
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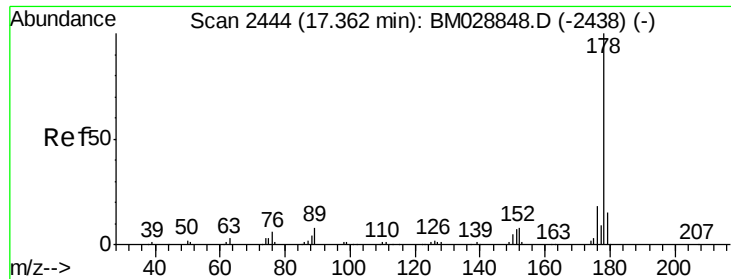
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#48
Acenaphthylene
Concen: 1.105 ng/ul
RT: 14.21 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BM028852.D
Acq: 20 Feb 2021 20:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	12.7	10.9	16.3





#72

Anthracene

Concen: 1.336 ng/ul

RT: 17.36 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BM028852.D

Acq: 20 Feb 2021 20:47

Instrument :

BNA_M

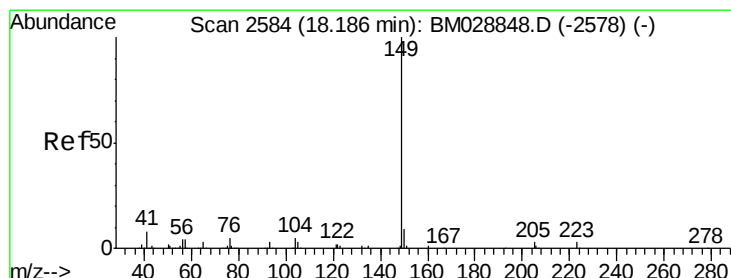
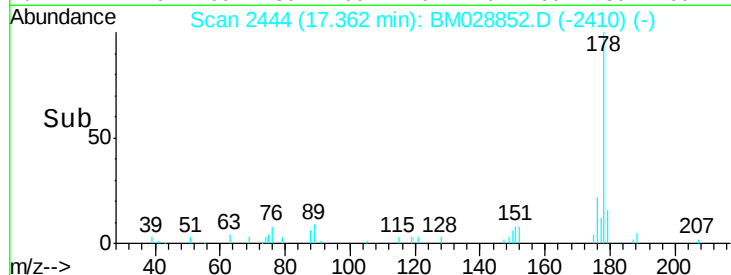
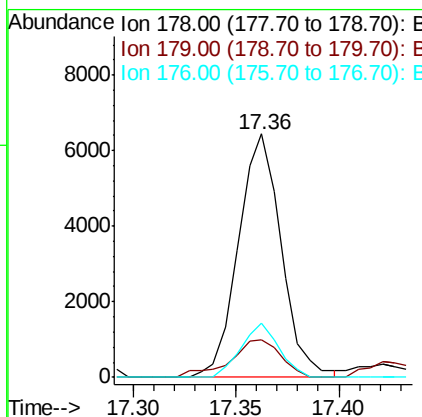
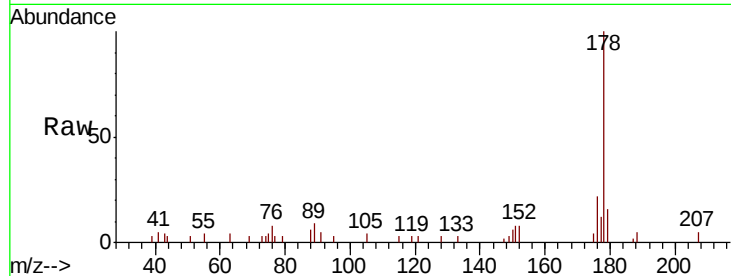
ClientSampleId :

DBGY3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	22.2	13.8	20.6

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#76

Di-n-butylphthalate

Concen: 1.107 ng/ul

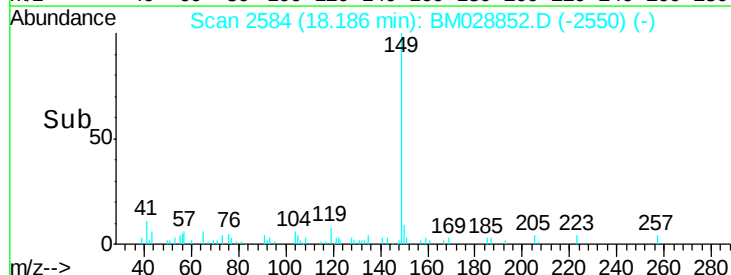
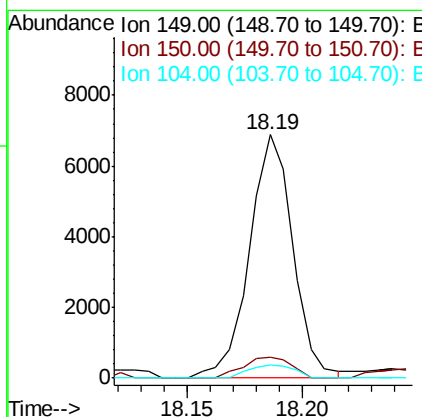
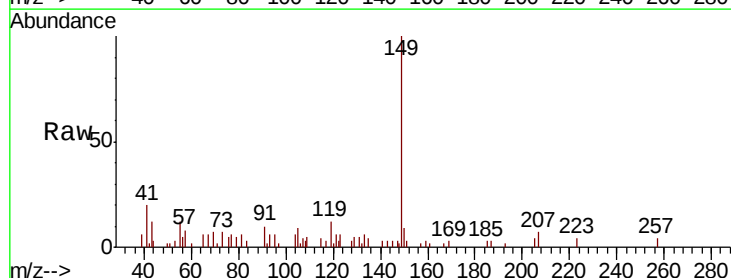
RT: 18.19 min Scan# 2584

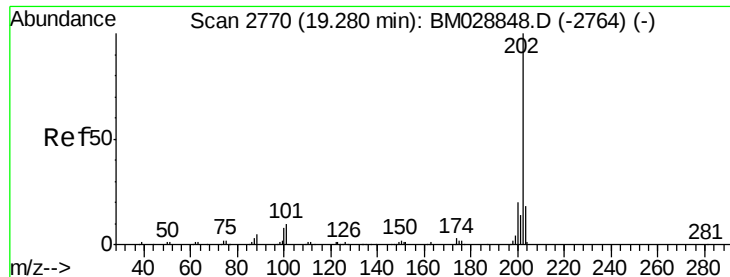
Delta R.T. -0.00 min

Lab File: BM028852.D

Acq: 20 Feb 2021 20:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.5	7.1	10.7
104	5.6	4.2	6.2





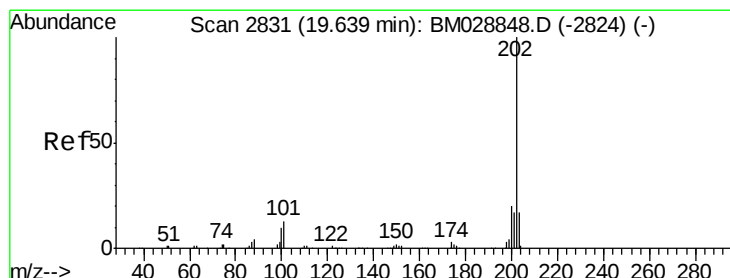
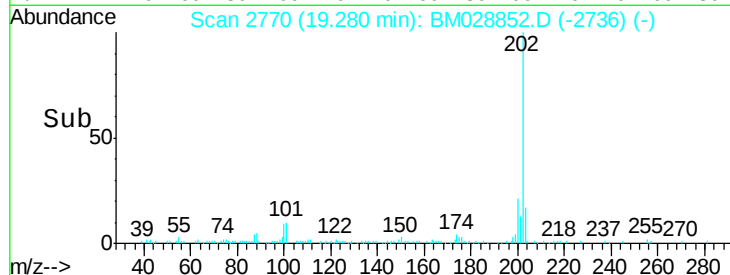
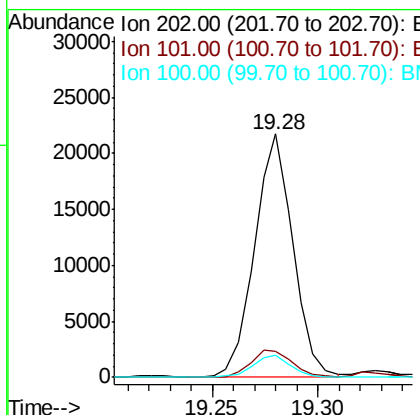
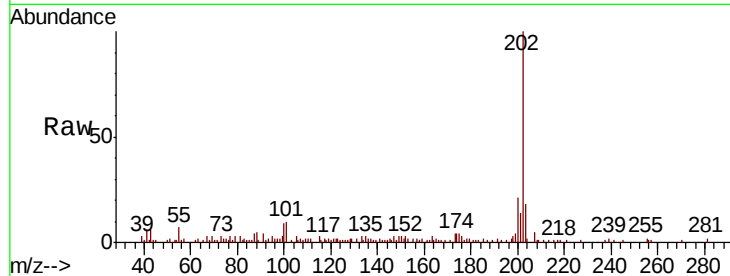
#77
 Fluoranthene
 Concen: 3.597 ng/ul
 RT: 19.28 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: BM028852.D
 Acq: 20 Feb 2021 20:47

Instrument :
 BNA_M
 ClientSampled :
 DBGY3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	8.2	12.2
100	9.2	6.6	10.0

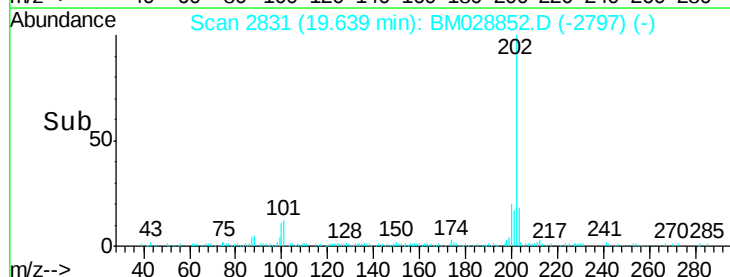
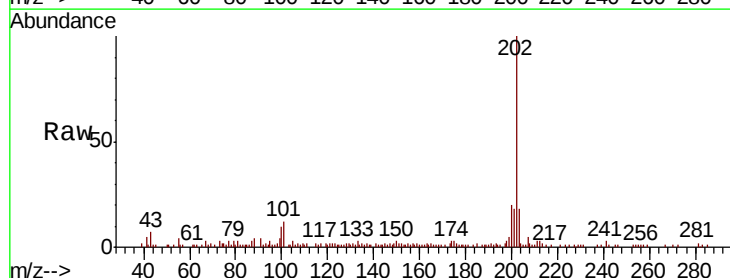
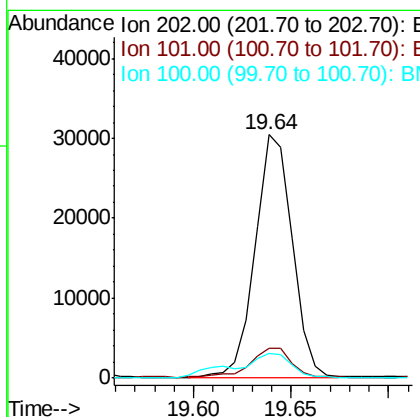
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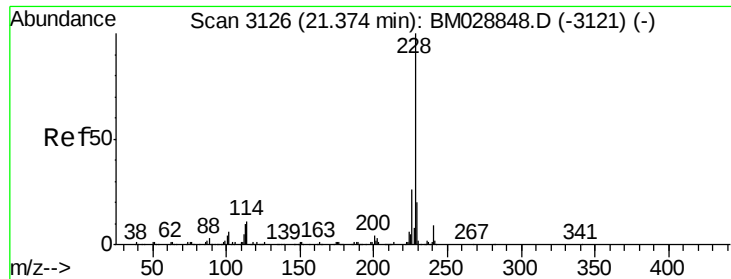
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#80
 Pyrene
 Concen: 6.391 ng/ul
 RT: 19.64 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BM028852.D
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Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.3	10.2	15.4
100	10.4	8.4	12.6





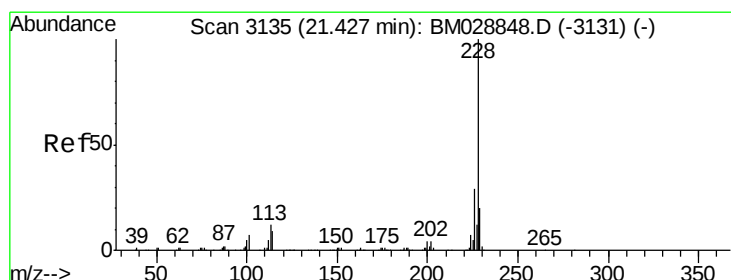
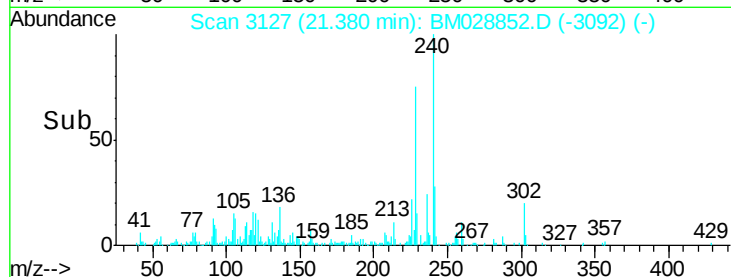
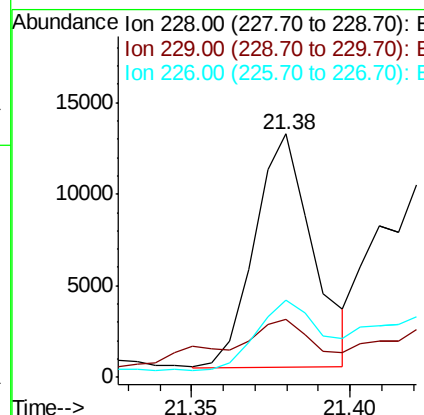
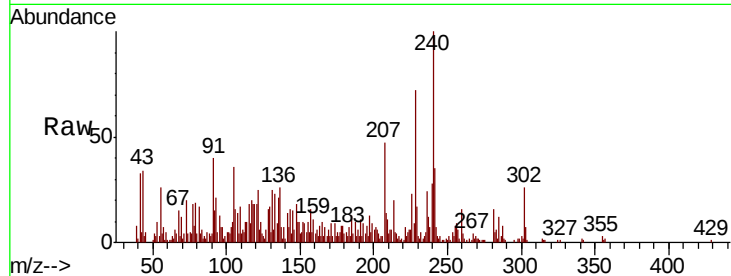
#83
Benzo(a)anthracene
Concen: 2.775 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. 0.01 min
Lab File: BM028852.D
Acq: 20 Feb 2021 20:47

Instrument :
BNA_M
ClientSampleId :
DBGY3

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.7	15.8	23.6#
226	31.9	20.4	30.6#

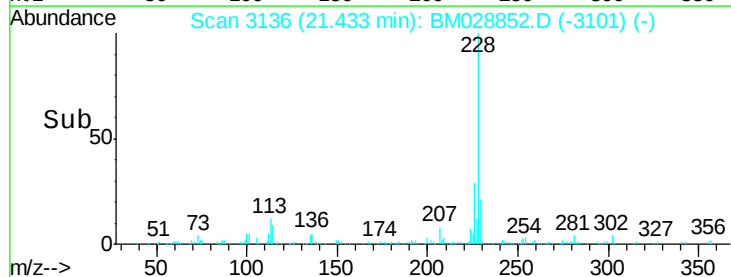
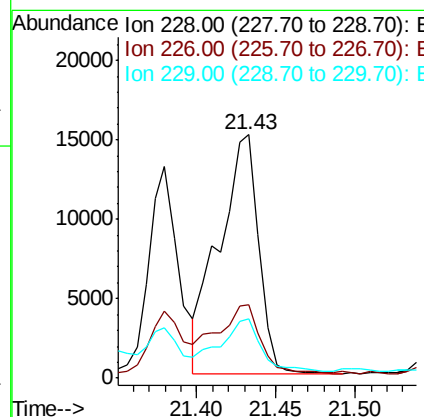
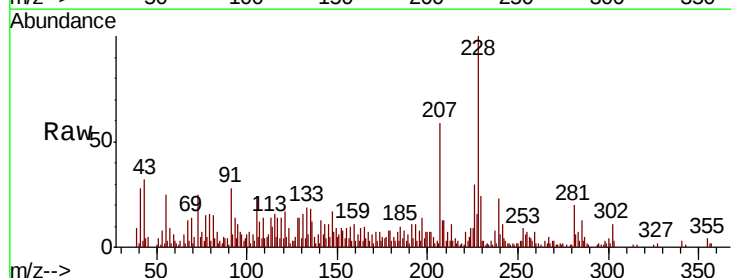
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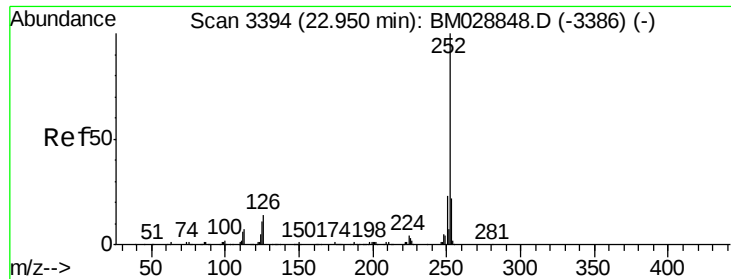
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#85
Chrysene
Concen: 4.617 ng/ul
RT: 21.43 min Scan# 3136
Delta R.T. 0.01 min
Lab File: BM028852.D
Acq: 20 Feb 2021 20:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.0	34.6
229	24.2	15.5	23.3#





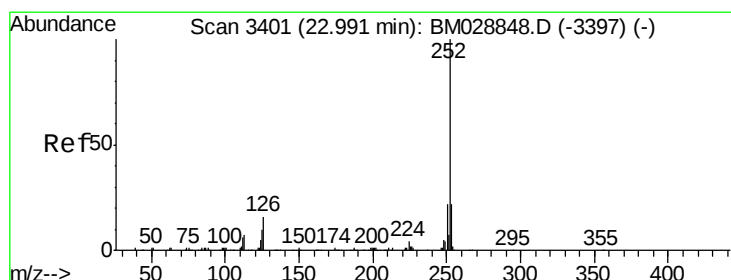
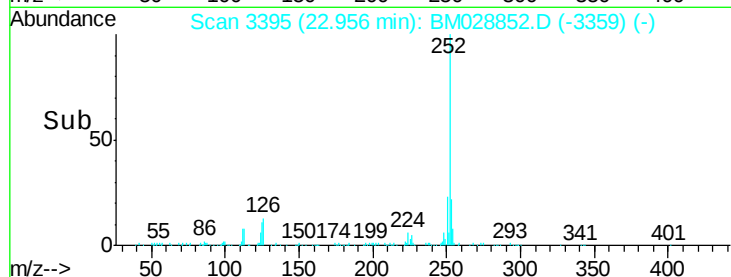
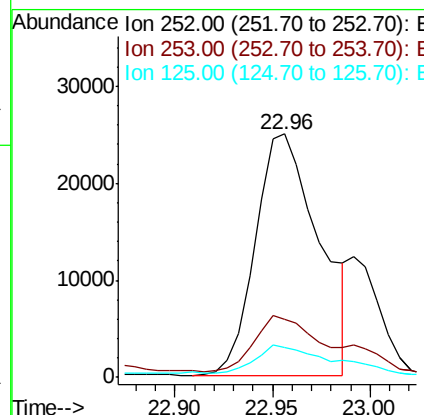
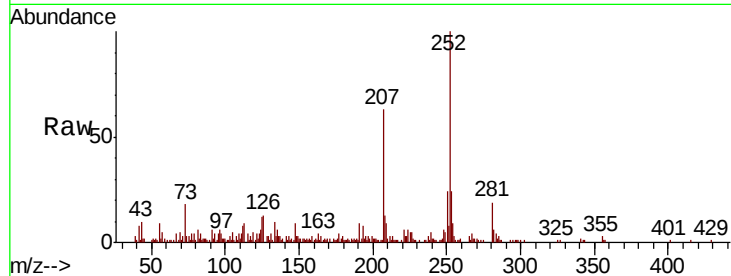
#88
Benzo(b)fluoranthene
Concen: 9.504 ng/ul
RT: 22.96 min Scan# 3395
Delta R.T. 0.01 min
Lab File: BM028852.D
Acq: 20 Feb 2021 20:47

Instrument :
BNA_M
ClientSampleId :
DBGY3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.4	27.6
125	12.3	8.7	13.1

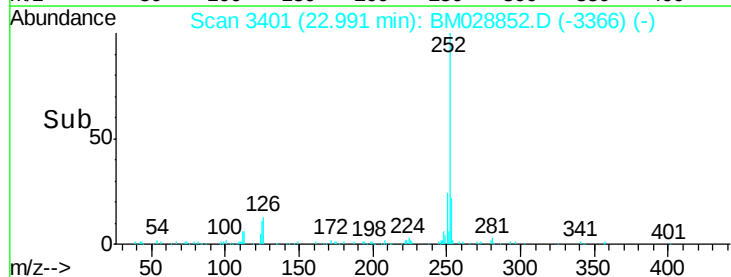
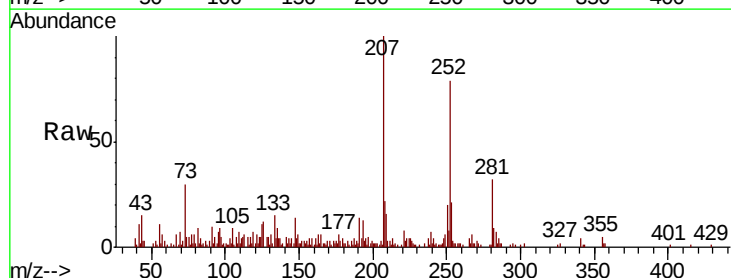
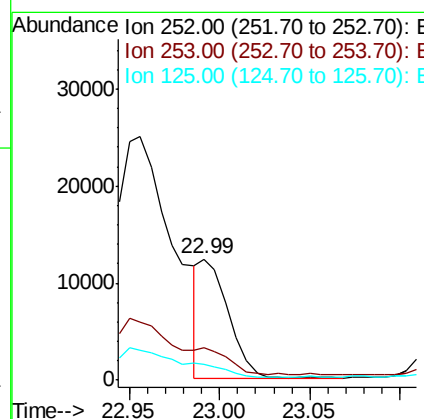
Manual Integrations
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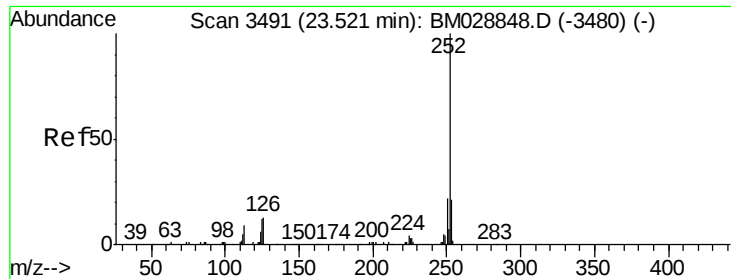
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#89
Benzo(k)fluoranthene
Concen: 2.353 ng/ul m
RT: 22.99 min Scan# 3401
Delta R.T. 0.01 min
Lab File: BM028852.D
Acq: 20 Feb 2021 20:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.8	26.8
125	13.5	8.9	13.3#





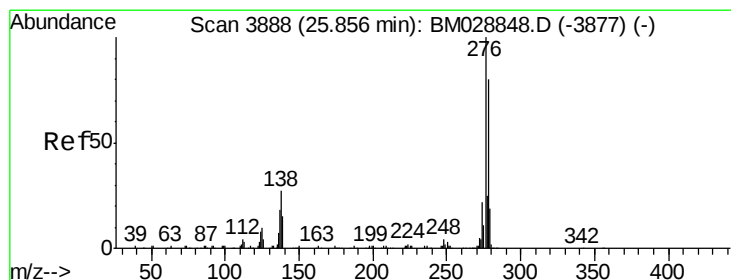
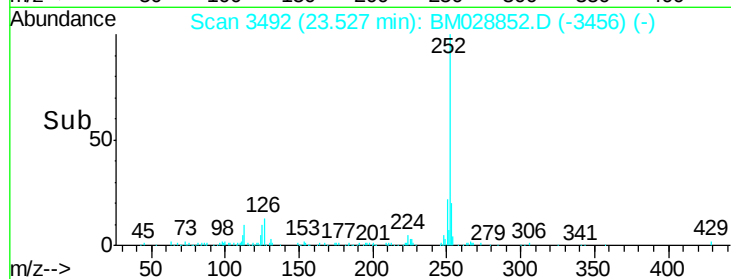
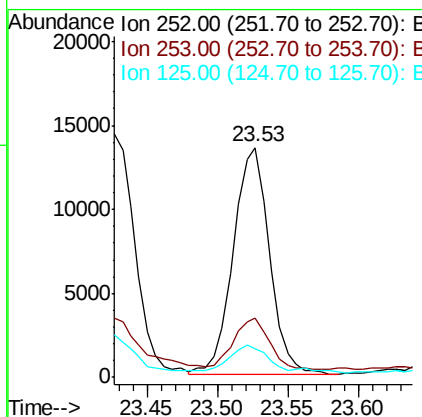
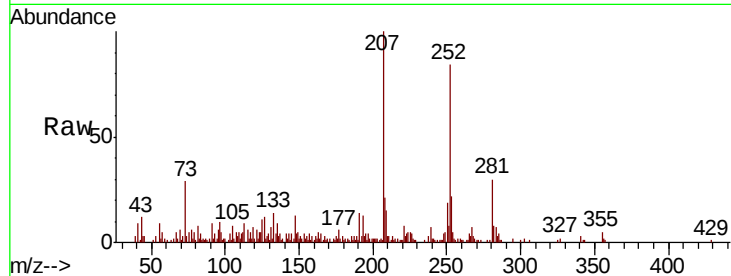
#91
Benzo(a)pyrene
Concen: 4.706 ng/ul
RT: 23.53 min Scan# 3492
Delta R.T. 0.01 min
Lab File: BM028852.D
Acq: 20 Feb 2021 20:47

Instrument :
BNA_M
ClientSampleId :
DBGY3

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.4	26.2
125	12.6	9.7	14.5

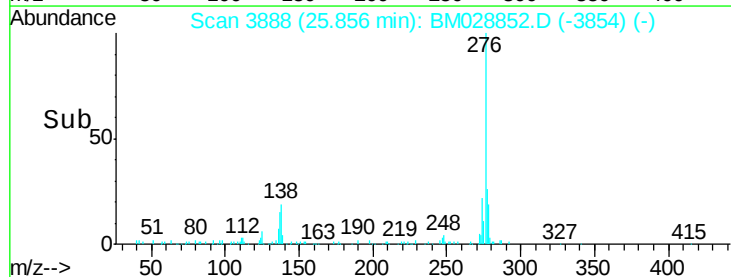
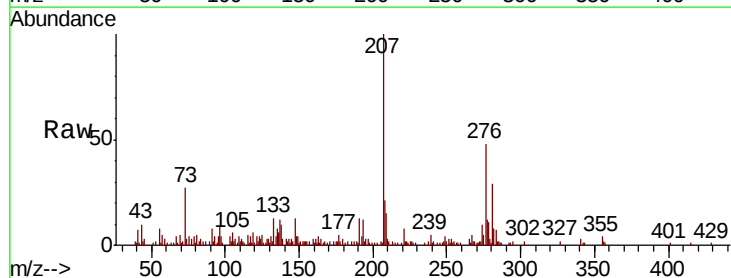
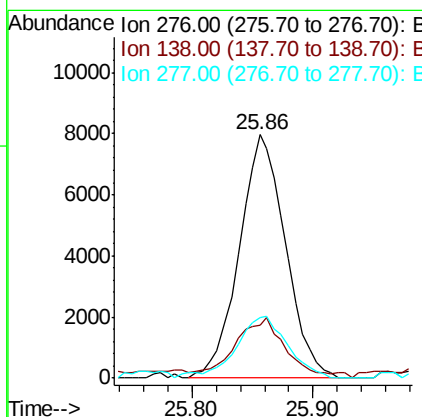
Manual Integrations
APPROVED

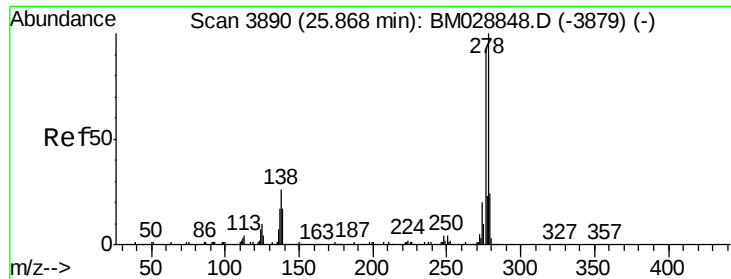
mohammad
2/22/2021 2:13:05 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 3.616 ng/ul
RT: 25.86 min Scan# 3888
Delta R.T. -0.00 min
Lab File: BM028852.D
Acq: 20 Feb 2021 20:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.6	22.2	33.2#
277	24.9	21.0	31.6





#93

Dibenzo(a,h)anthracene

Concen: 1.253 ng/ul

RT: 25.86 min Scan# 3888

Delta R.T. -0.01 min

Lab File: BM028852.D

Acq: 20 Feb 2021 20:47

Instrument :

BNA_M

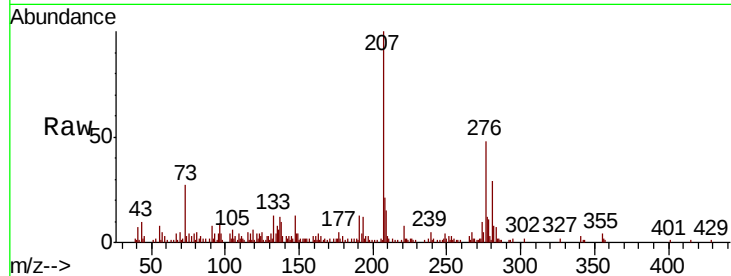
ClientSampled :

DBGY3

Tot Ion:	278	Resp:	6266
Ion Ratio	Lower	Upper	
278	100		
139	29.3	13.6	20.4#
279	27.6	18.4	27.6

Manual Integrations
APPROVED

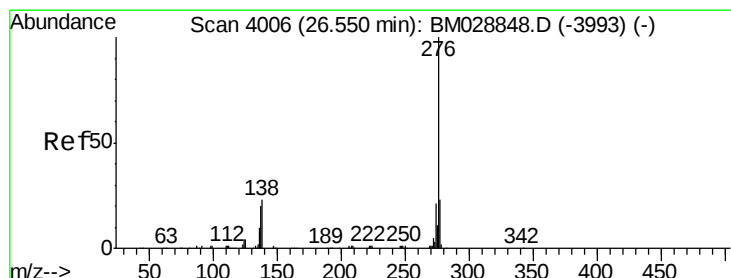
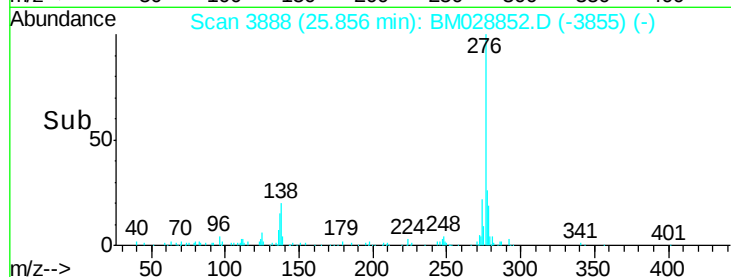
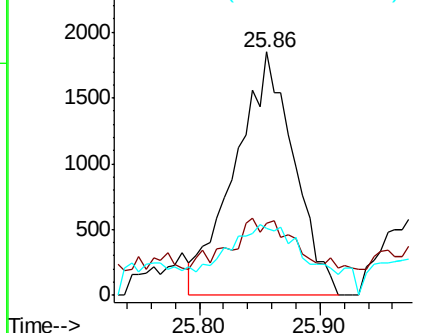
mohammad
2/22/2021 2:13:05 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 2.960 ng/ul

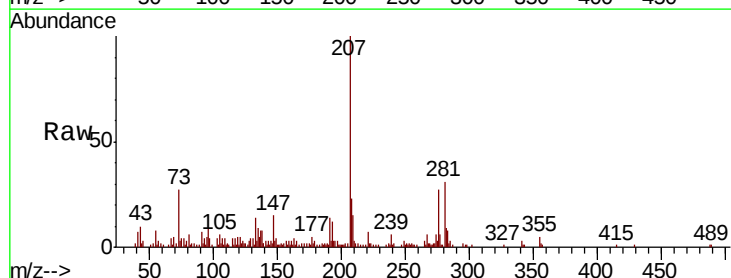
RT: 26.55 min Scan# 4006

Delta R.T. 0.01 min

Lab File: BM028852.D

Acq: 20 Feb 2021 20:47

Tgt Ion:	276	Resp:	14056
Ion Ratio	Lower	Upper	
276	100		
138	36.6	18.2	27.4#
277	22.2	17.9	26.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

