

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
 Data File : BM025675.D
 Acq On : 20 Mar 2020 23:44
 Operator : CG/JU
 Sample : L1972-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0AH9

Manual Integrations
 APPROVED

mohammad
 3/23/2020 9:42:09 AM

Quant Time: Mar 21 02:04:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 20 23:10:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	175203	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	750198	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	453535	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	911465	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	875758	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	1040584	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	16429	3.93	ng/uL	0.00
5) Phenol-d5	6.76	99	376688	27.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	208591	26.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	312291	27.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	307467	27.06	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	155627	27.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	172722	29.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	330292	27.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	333814	23.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	964639	27.99	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1220482	29.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	152768	23.28	ng/ul	0.00
58) Fluorene-d10	15.22	176	858320	28.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	101618	18.27	ng/ul	0.00
71) Anthracene-d10	17.06	188	1262930	29.67	ng/ul	0.00
79) Pyrene-d10	19.36	212	1334330	31.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1605993	30.15	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.79	94	15451	1.070	ng/ul 99
45) Dimethylphthalate	13.68	163	96806	2.698	ng/ul 98
48) Acenaphthylene	13.93	152	277273	6.199	ng/ul 99
59) Fluorene	15.27	166	38040	1.048	ng/ul# 95
70) Phenanthrene	17.00	178	975097	18.175	ng/ul 99
72) Anthracene	17.09	178	264058	4.829	ng/ul 99
75) Carbazole	17.36	167	73979	1.548	ng/ul 97
77) Fluoranthene	19.03	202	2769642	43.796	ng/ul 99
80) Pvrene	19.39	202	2526342	42.953	ng/ul 97
83) Benzo(a)anthracene	21.14	228	1609356m	27.873	ng/ul
84) Bis(2-ethylhexyl)phthalate	21.10	149	191763	5.519	ng/ul 99
85) Chrysene	21.19	228	1634788	28.858	ng/ul 98
88) Benzo(b)fluoranthene	22.67	252	2661425	40.991	ng/ul 98
89) Benzo(k)fluoranthene	22.71	252	703931m	11.006	ng/ul
91) Benzo(a)pyrene	23.22	252	1779091	30.110	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.44	276	1323418	16.960	ng/ul 97
93) Dibenzo(a,h)anthracene	25.44	278	346604	5.246	ng/ul# 91
94) Benzo(g,h,i)perylene	26.09	276	954733	14.846	ng/ul 97

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

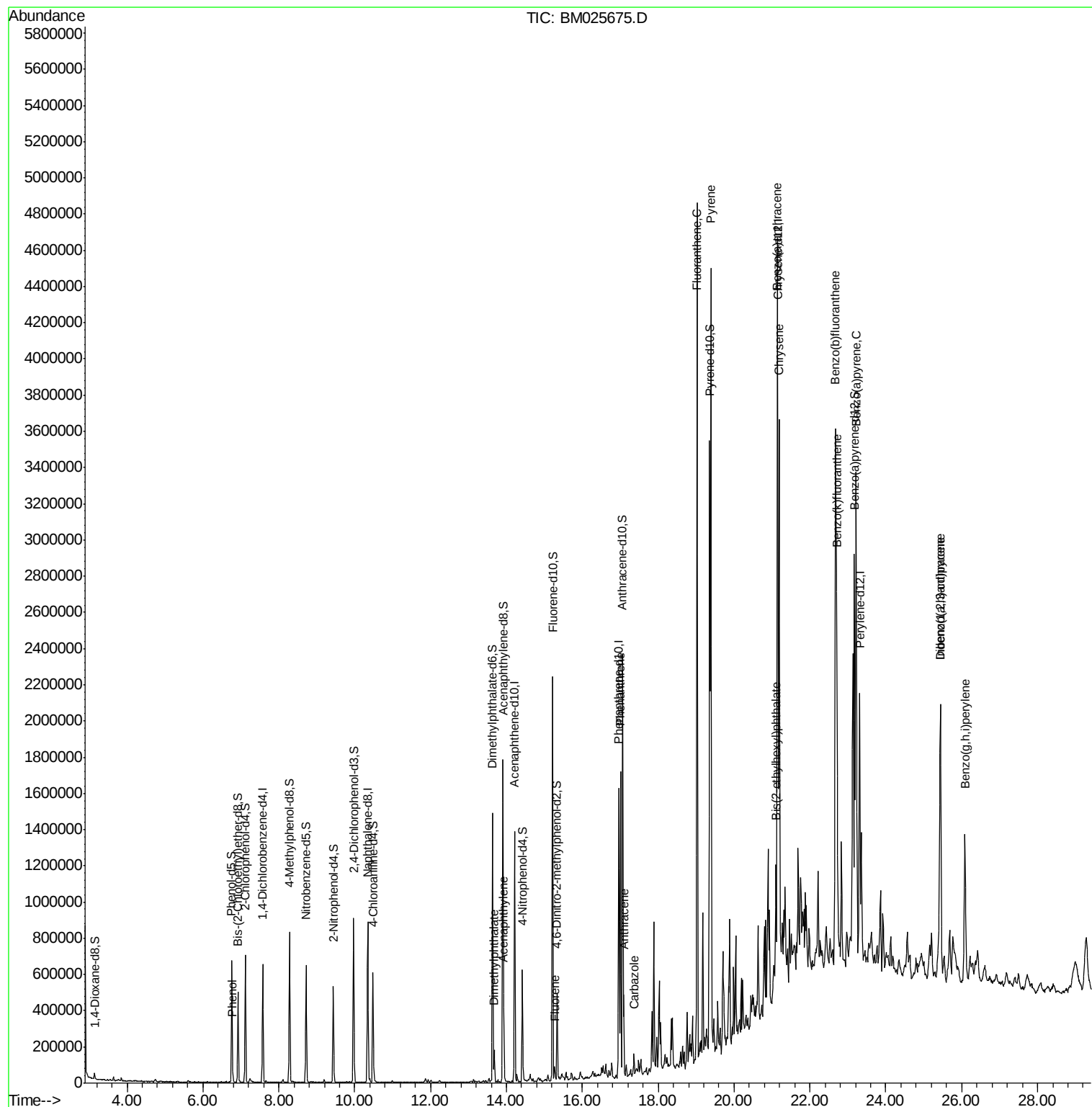
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025675.D
Acq On : 20 Mar 2020 23:44
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ALS Vial : 22 Sample Multiplier: 1

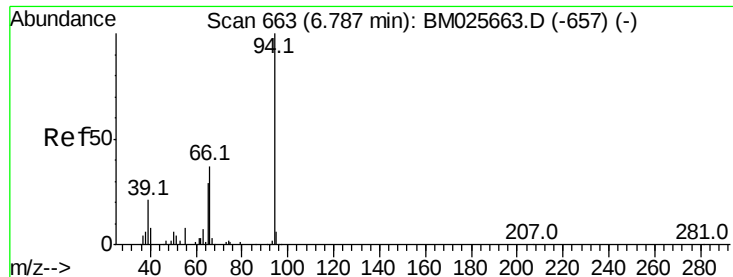
Instrument :
BNA_M
ClientSampled :
B0AH9

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 20 23:10:07 2020
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#6

Phenol

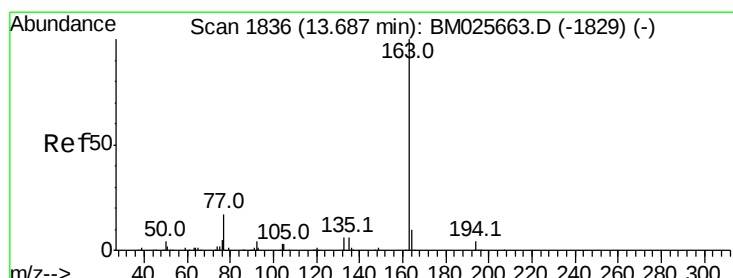
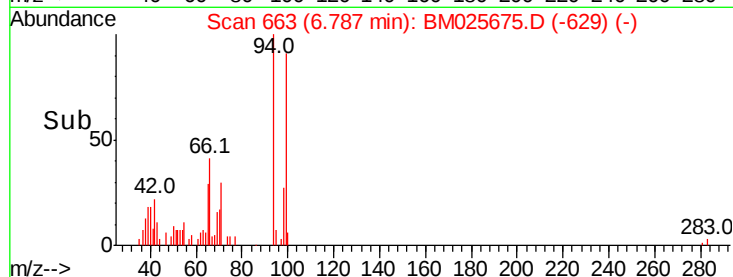
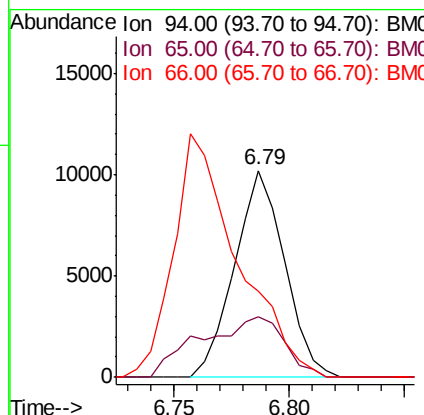
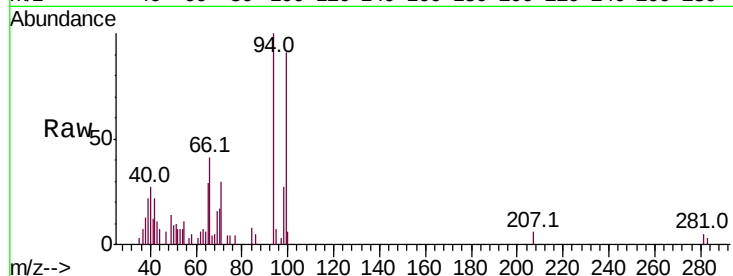
Concen: 1.070 ng/ul
 RT: 6.79 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BM025675.D
 Acq: 20 Mar 2020 23:44

Instrument :
 BNA_M
 ClientSampleId :
 B0AH9

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.2	23.8	35.6
66	41.4	32.4	48.6

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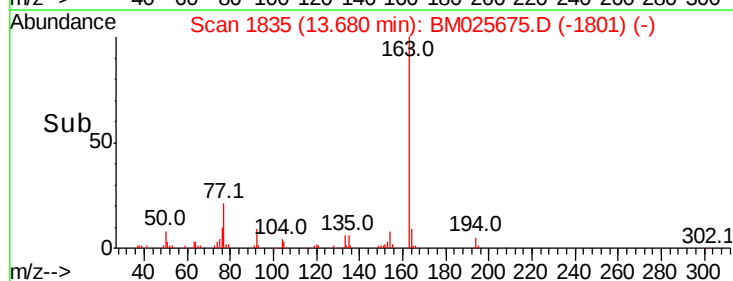
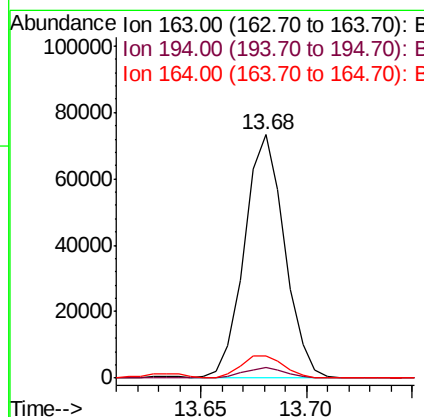
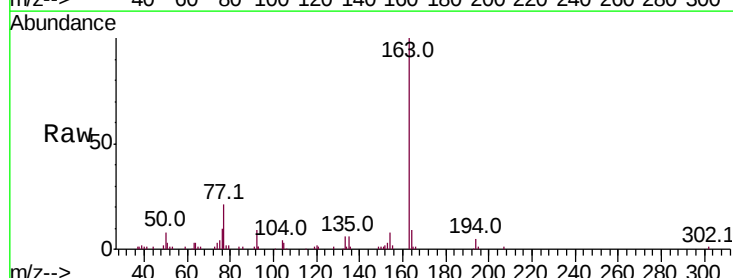


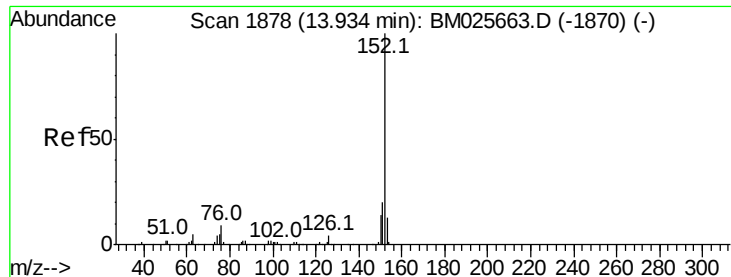
#45

Dimethylphthalate

Concen: 2.698 ng/ul
 RT: 13.68 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: BM025675.D
 Acq: 20 Mar 2020 23:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	9.2	8.2	12.4





#48

Acenaphthylene

Concen: 6.199 ng/ul

RT: 13.93 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BM025675.D

Acq: 20 Mar 2020 23:44

Instrument :

BNA_M

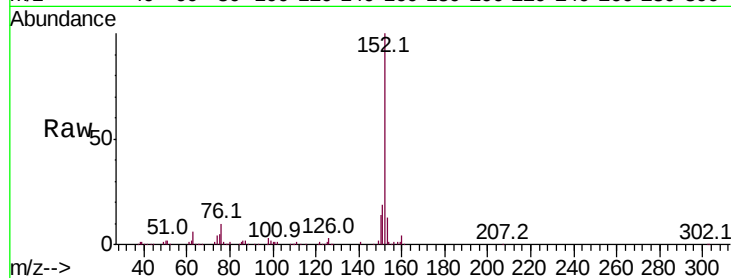
ClientSampleId :

B0AH9

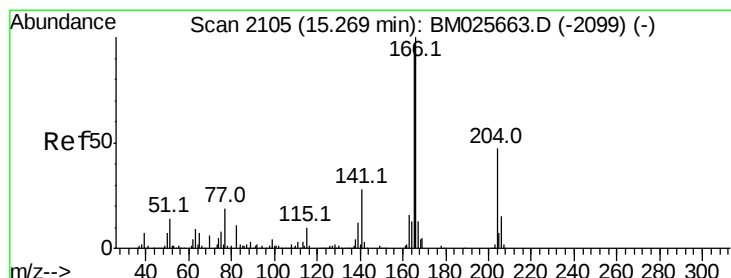
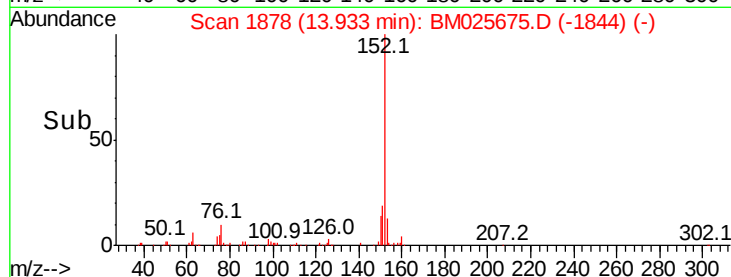
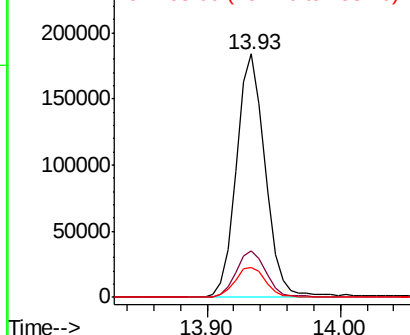
Tot Ion:	152	Resp:	277273
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.8	23.6
153	12.5	10.6	16.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#59

Fluorene

Concen: 1.048 ng/ul

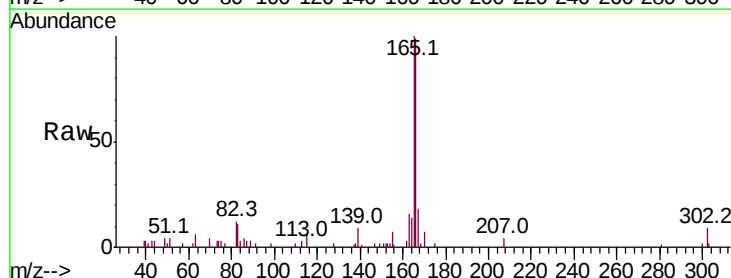
RT: 15.27 min Scan# 2105

Delta R.T. -0.00 min

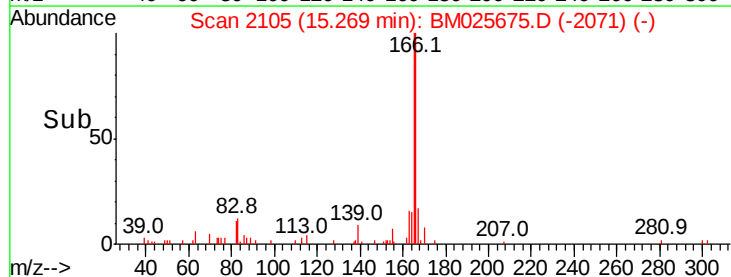
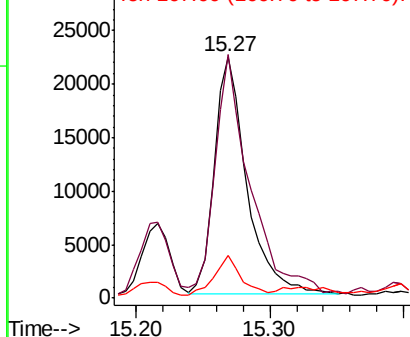
Lab File: BM025675.D

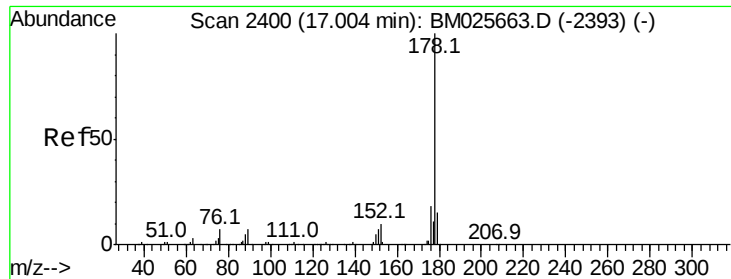
Acq: 20 Mar 2020 23:44

Tgt Ion:	166	Resp:	38040
Ion Ratio	Lower	Upper	
166	100		
165	100.9	77.2	115.8
167	17.7	11.2	16.8#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





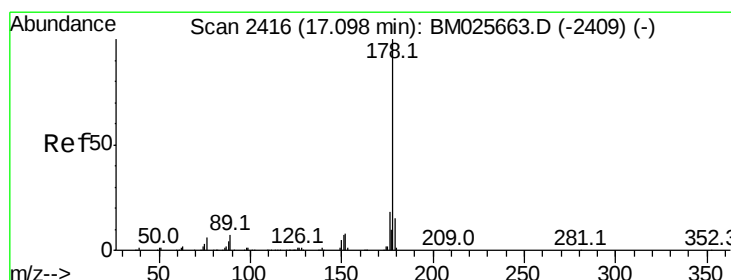
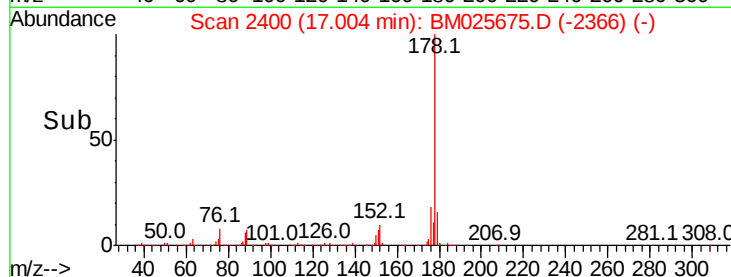
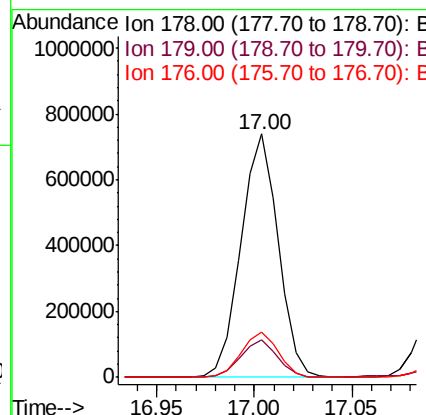
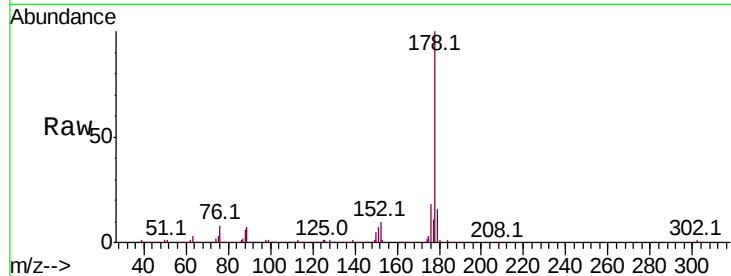
#70
Phenanthrene
Concen: 18.175 ng/ul
RT: 17.00 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM025675.D
Acq: 20 Mar 2020 23:44

Instrument :
BNA_M
ClientSampleId :
B0AH9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	18.4	15.3	22.9

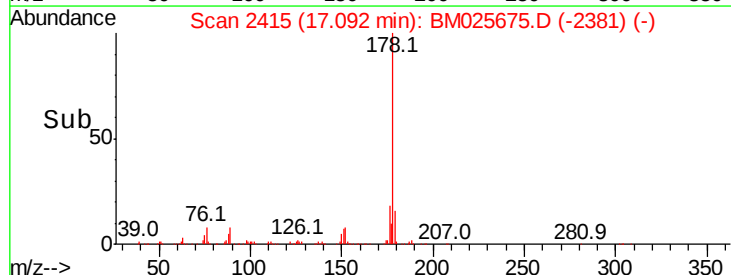
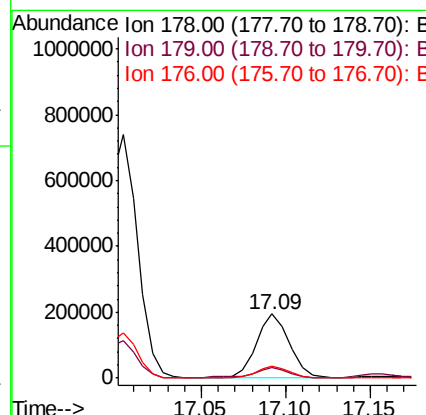
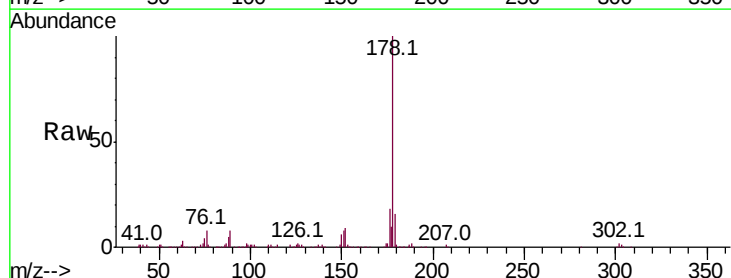
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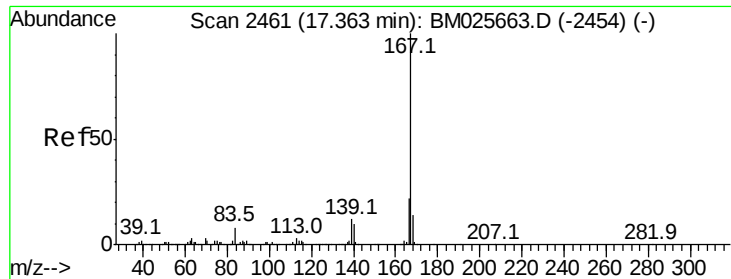
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#72
Anthracene
Concen: 4.829 ng/ul
RT: 17.09 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM025675.D
Acq: 20 Mar 2020 23:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.5	18.7
176	17.7	14.5	21.7





#75

Carbazole

Concen: 1.548 ng/ul

RT: 17.36 min Scan# 2461

Delta R.T. -0.00 min

Lab File: BM025675.D

Acq: 20 Mar 2020 23:44

Instrument :

BNA_M

ClientSampleId :

B0AH9

Tot Ion:167 Resp: 73979

Ion Ratio Lower Upper

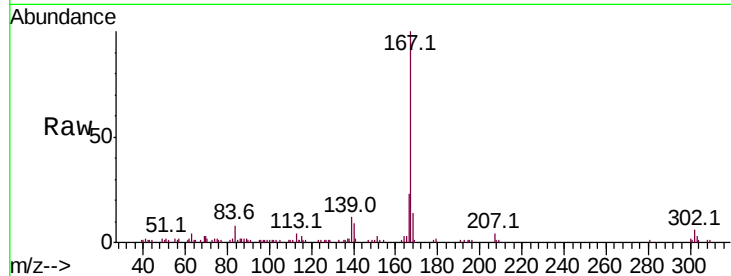
167 100

166 22.6 16.7 25.1

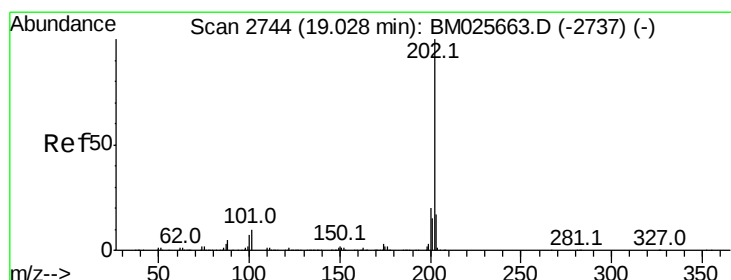
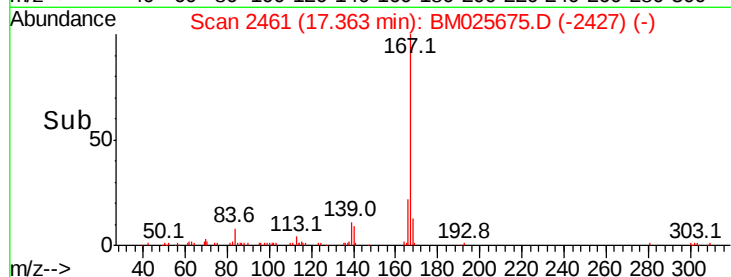
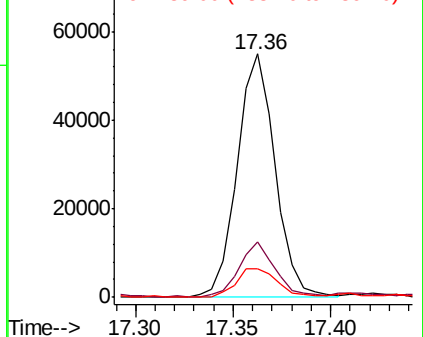
139 11.8 9.8 14.8

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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



#77

Fluoranthene

Concen: 43.796 ng/ul

RT: 19.03 min Scan# 2744

Delta R.T. 0.01 min

Lab File: BM025675.D

Acq: 20 Mar 2020 23:44

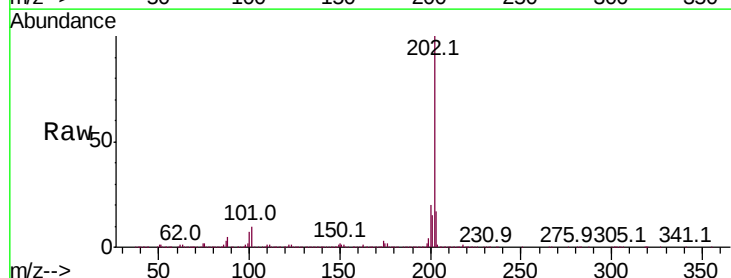
Tgt Ion:202 Resp: 2769642

Ion Ratio Lower Upper

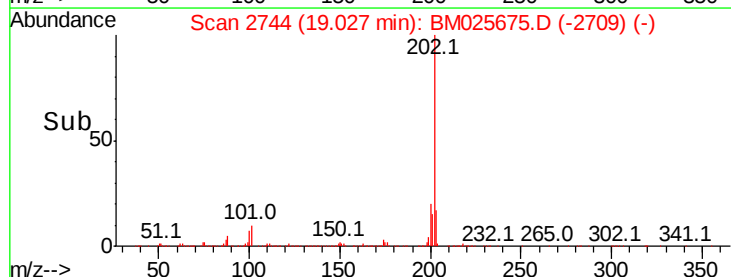
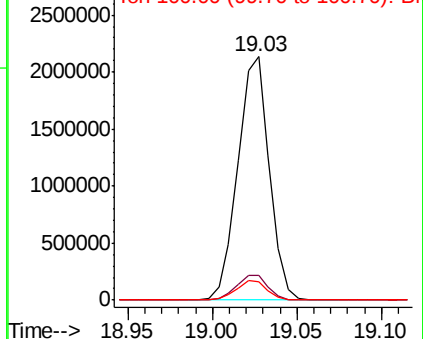
202 100

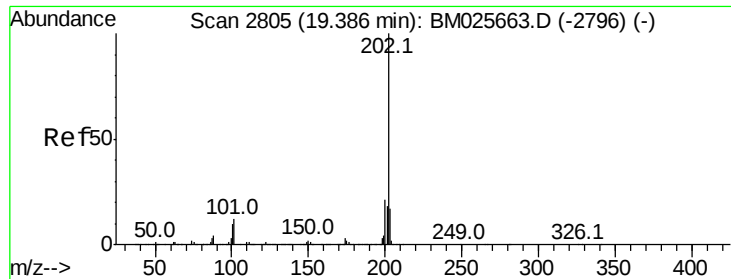
101 10.0 8.2 12.4

100 7.3 6.5 9.7



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): E





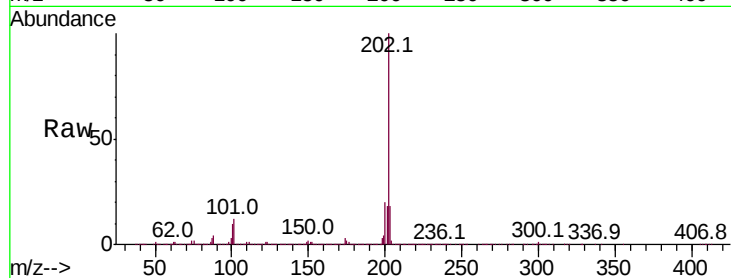
#80
Pvrene
Concen: 42.953 ng/ul
RT: 19.39 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BM025675.D
Acq: 20 Mar 2020 23:44

Instrument :
BNA_M
ClientSampleId :
B0AH9

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	8.9	13.3
100	10.1	7.5	11.3

Manual Integrations
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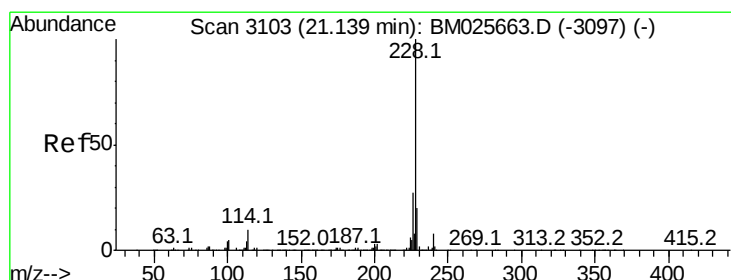
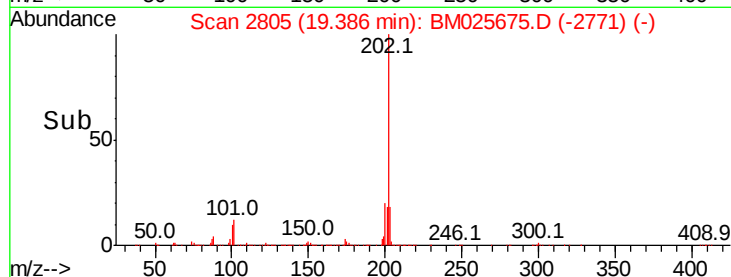
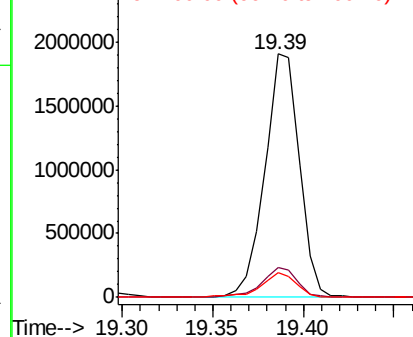


Abundance

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



#83
Benzo(a)anthracene
Concen: 27.873 ng/ul m
RT: 21.14 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BM025675.D
Acq: 20 Mar 2020 23:44

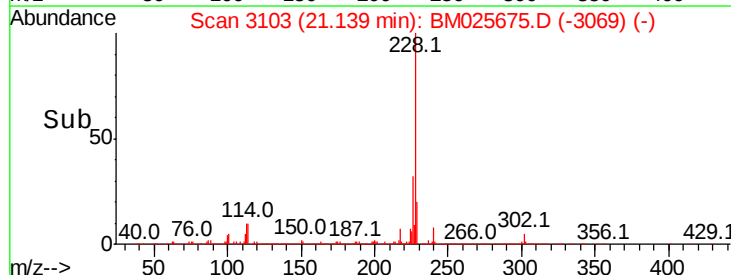
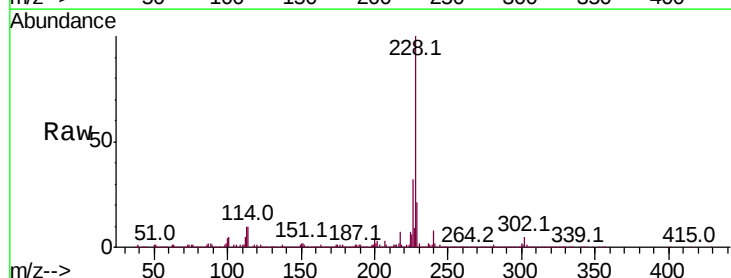
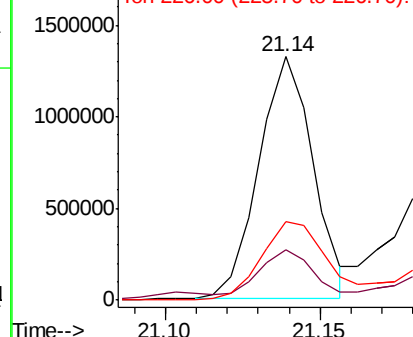
Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.5	23.3
226	32.0	21.0	31.6#

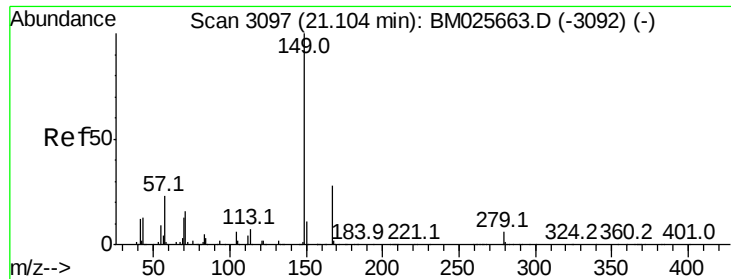
Abundance

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

Bis(2-ethylhexyl)phthalate

Concen: 5.519 ng/ul

RT: 21.10 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BM025675.D

Acq: 20 Mar 2020 23:44

Instrument :

BNA_M

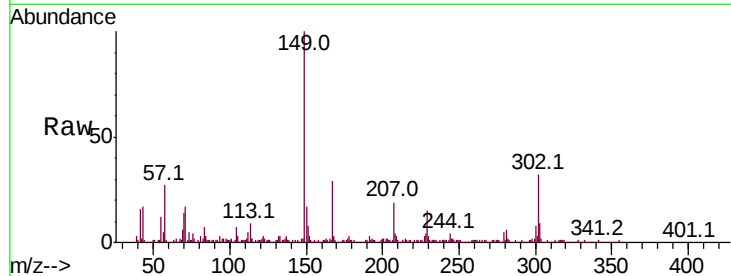
ClientSampleId :

B0AH9

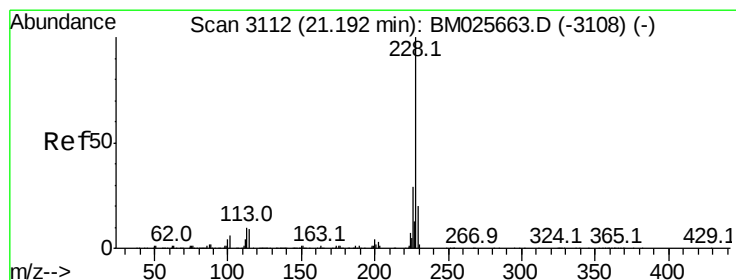
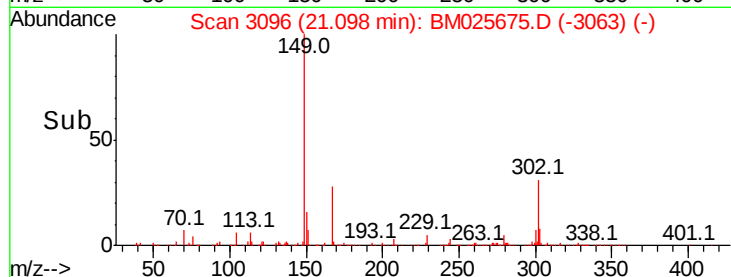
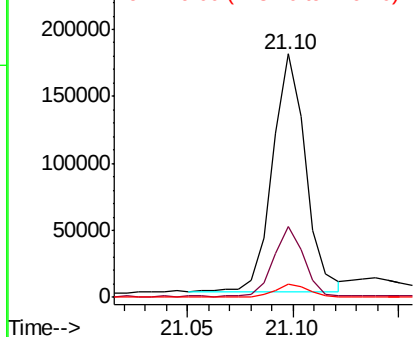
Tot Ion:	149	Resp:	191763
Ion Ratio	Lower	Upper	
149	100		
167	28.8	22.7	34.1
279	5.5	4.1	6.1

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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



#85

Chrysene

Concen: 28.858 ng/ul

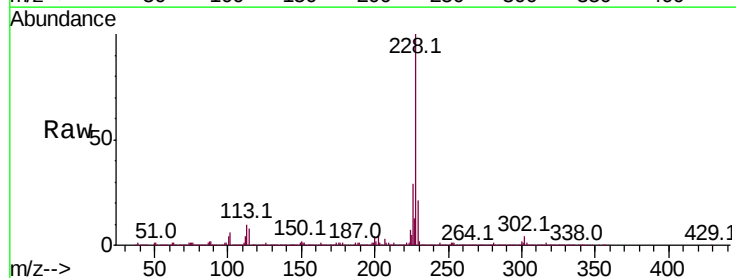
RT: 21.19 min Scan# 3112

Delta R.T. -0.00 min

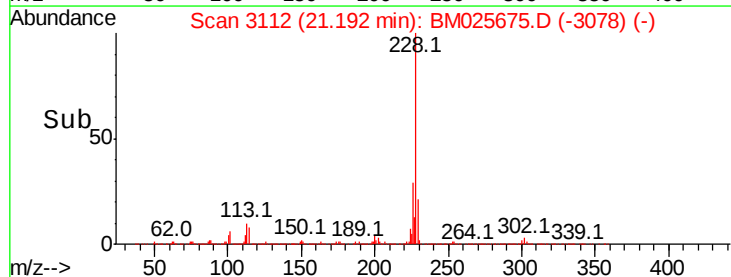
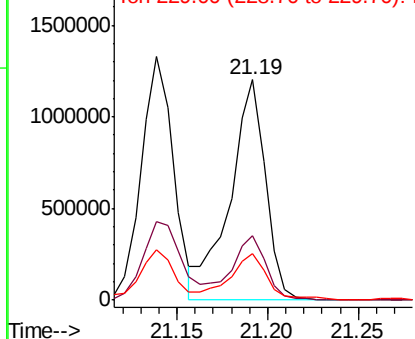
Lab File: BM025675.D

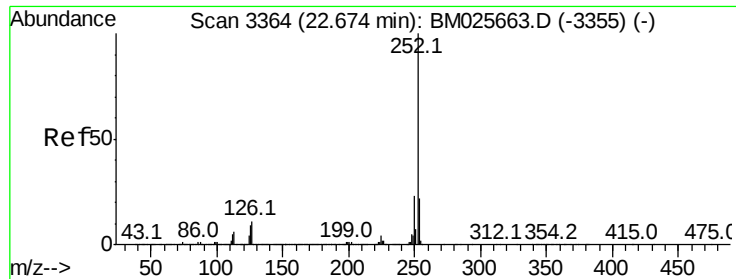
Acq: 20 Mar 2020 23:44

Tgt Ion:	228	Resp:	1634788
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.4	35.0
229	21.2	15.6	23.4



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





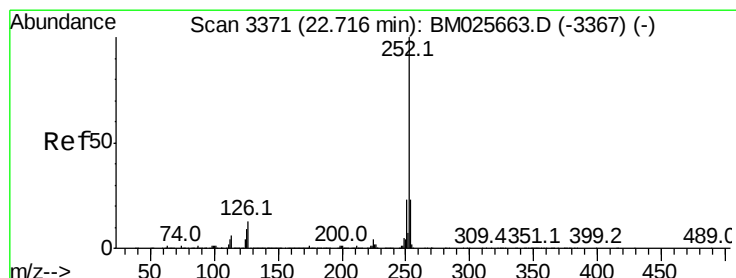
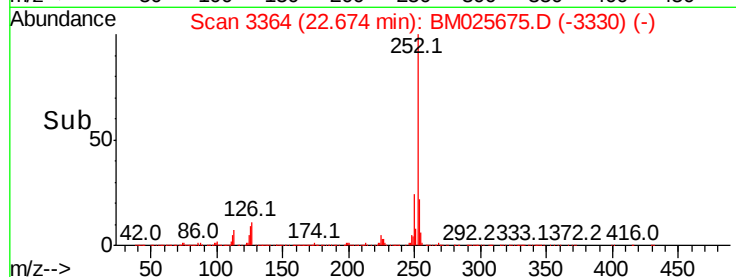
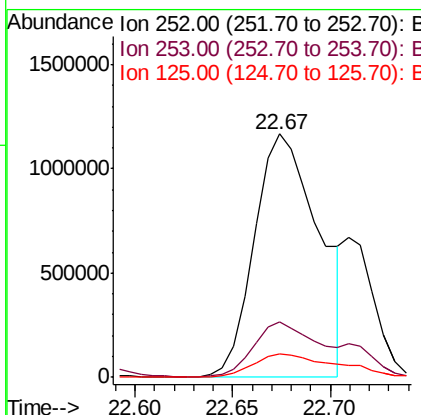
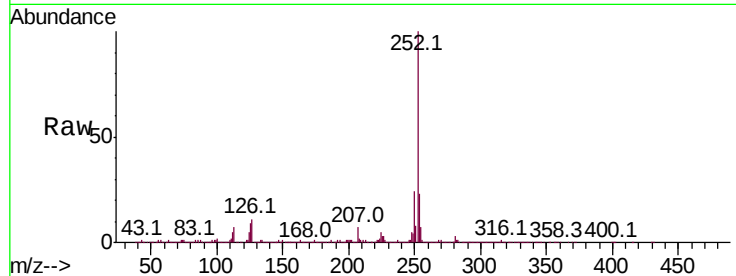
#88
Benzo(b)fluoranthene
Concen: 40.991 ng/ul
RT: 22.67 min Scan# 3364
Delta R.T. -0.00 min
Lab File: BM025675.D
Acq: 20 Mar 2020 23:44

Instrument :
BNA_M
ClientSampleId :
B0AH9

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	9.4	6.7	10.1

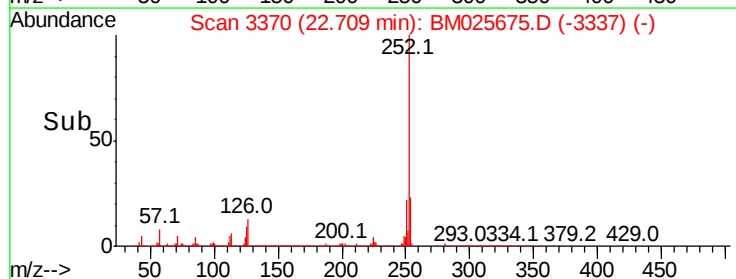
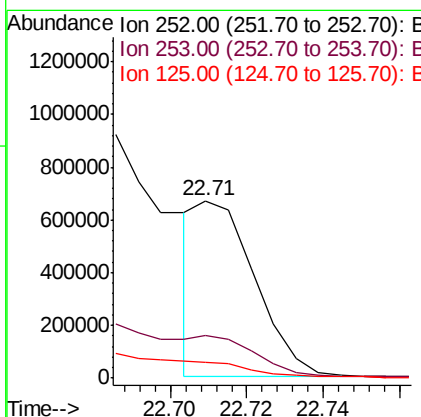
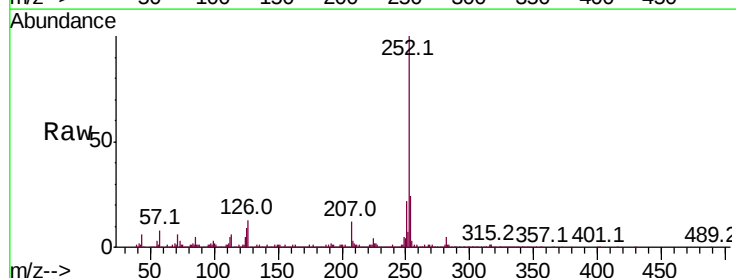
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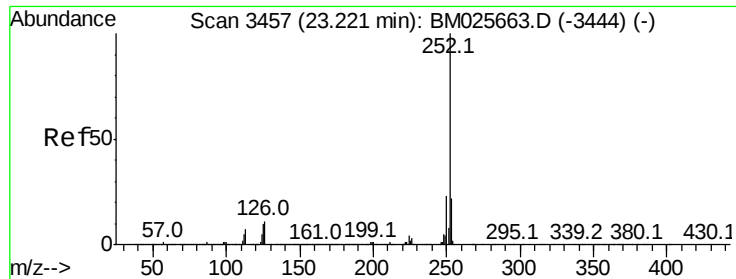
mohammad
3/23/2020 9:42:09 AM



#89
Benzo(k)fluoranthene
Concen: 11.006 ng/ul m
RT: 22.71 min Scan# 3370
Delta R.T. -0.01 min
Lab File: BM025675.D
Acq: 20 Mar 2020 23:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	8.9	6.9	10.3





#91

Benzo(a)pyrene

Concen: 30.110 ng/ul

RT: 23.22 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BM025675.D

Acq: 20 Mar 2020 23:44

Instrument :

BNA_M

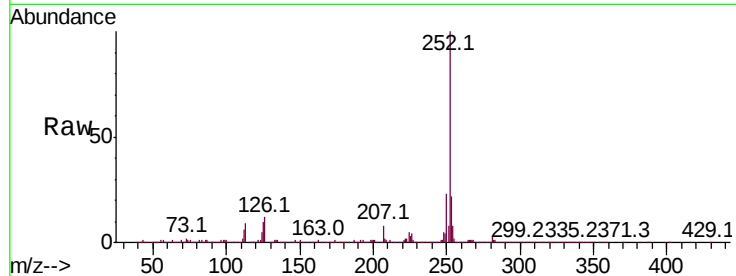
ClientSampled :

B0AH9

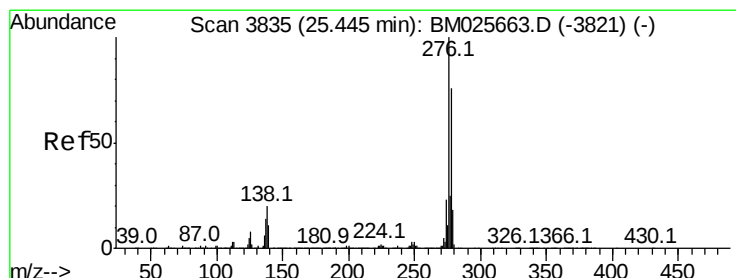
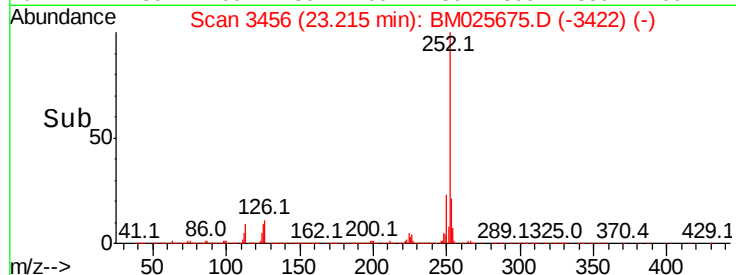
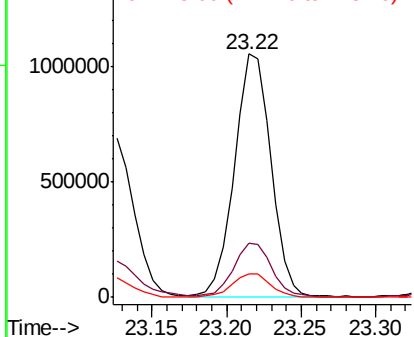
Tot Ion:	252	Resp:	1779091
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.0	25.6
125	9.5	7.1	10.7

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3/23/2020 9:42:09 AM



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 16.960 ng/ul

RT: 25.44 min Scan# 3834

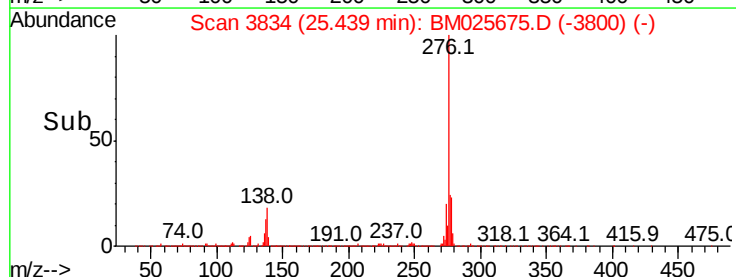
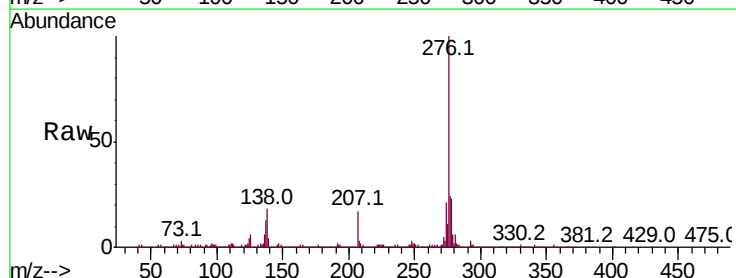
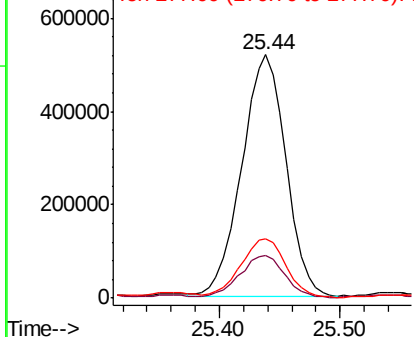
Delta R.T. -0.00 min

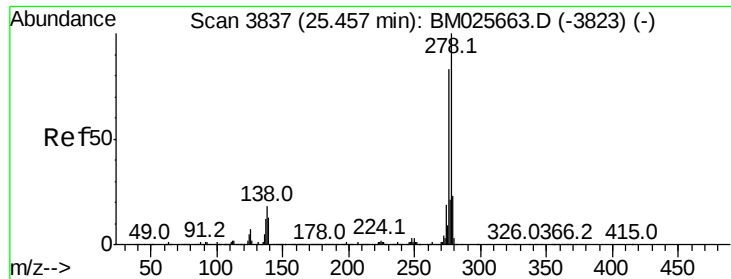
Lab File: BM025675.D

Acq: 20 Mar 2020 23:44

Tgt Ion:	276	Resp:	1323418
Ion Ratio	Lower	Upper	
276	100		
138	17.7	16.5	24.7
277	24.5	19.7	29.5

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





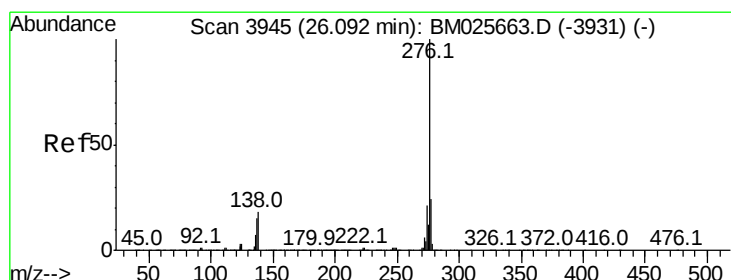
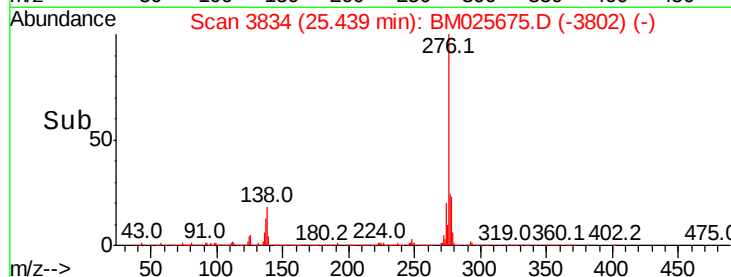
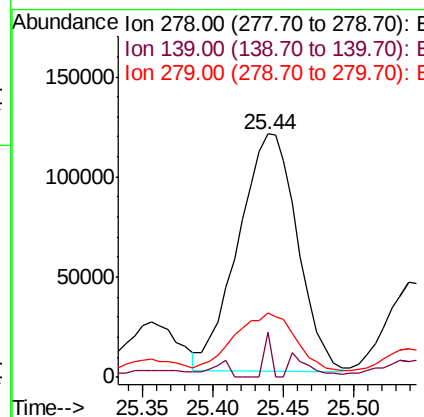
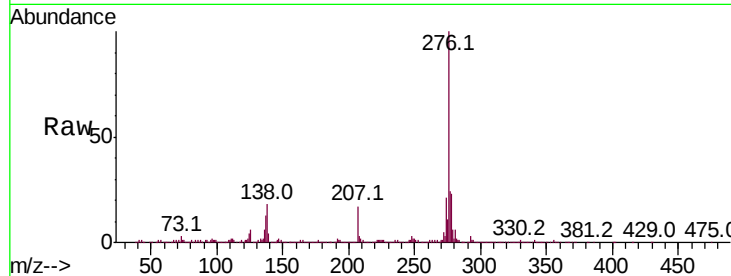
#93
 Dibenzo(a,h)anthracene
 Concen: 5.246 ng/ul
 RT: 25.44 min Scan# 3834
 Delta R.T. -0.01 min
 Lab File: BM025675.D
 Acq: 20 Mar 2020 23:44

Instrument :
 BNA_M
 ClientSampleId :
 B0AH9

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.6	10.4	15.6#
279	26.6	18.6	28.0

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mohammad
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#94
 Benzo(g,h,i)perylene
 Concen: 14.846 ng/ul
 RT: 26.09 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: BM025675.D
 Acq: 20 Mar 2020 23:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.2	13.2	19.8
277	24.2	19.0	28.4

