

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021648.D
 Acq On : 25 Jul 2019 22:17
 Operator : HP/JU
 Sample : K3850-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BENS4

Manual Integrations
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mohammad
 7/26/2019 3:24:15 PM

Quant Time: Jul 26 01:37:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 01:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	144108	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	649212	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	459880	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1092333	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1343381	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	1319963	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	7144	2.70	ng/uL	0.00
5) Phenol-d5	6.87	99	169248	13.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	102027	14.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	147081	15.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	122661	11.75	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	77109	16.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	85074	16.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	182596	15.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	138280	12.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	613718	15.57	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	750752	15.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	48002	7.10	ng/ul	0.01
57) Fluorene-d10	15.34	176	609921	17.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	24254	3.55	ng/ul	0.00
70) Anthracene-d10	17.20	188	1008568	18.77	ng/ul	0.00
78) Pyrene-d10	19.50	212	1320161	20.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	1337676	18.98	ng/ul	0.00

Target Compounds				Ovalue		
4) Benzaldehyde	6.86	77	7595m	1.474	ng/ul	
6) Phenol	6.90	94	14919	1.269	ng/ul	92
14) Acetophenone	8.53	105	38771	2.474	ng/ul	97
44) Dimethylphthalate	13.81	163	235950	6.238	ng/ul	99
47) Acenaphthylene	14.06	152	55471	1.304	ng/ul	98
69) Phenanthrene	17.14	178	402165	6.748	ng/ul	98
71) Anthracene	17.23	178	98842m	1.640	ng/ul	
76) Fluoranthene	19.16	202	902912	12.221	ng/ul	98
79) Pyrene	19.53	202	684242	8.551	ng/ul	97
82) Benzo(a)anthracene	21.27	228	469353	5.330	ng/ul	94
84) Chrysene	21.33	228	430490	5.126	ng/ul#	95
87) Benzo(b)fluoranthene	22.87	252	567400	7.110	ng/ul#	89
88) Benzo(k)fluoranthene	22.91	252	180179m	2.302	ng/ul	
90) Benzo(a)pyrene	23.44	252	328825	4.291	ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	25.80	276	220762	2.372	ng/ul	98
93) Benzo(g,h,i)perylene	26.49	276	205581	2.728	ng/ul	97

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

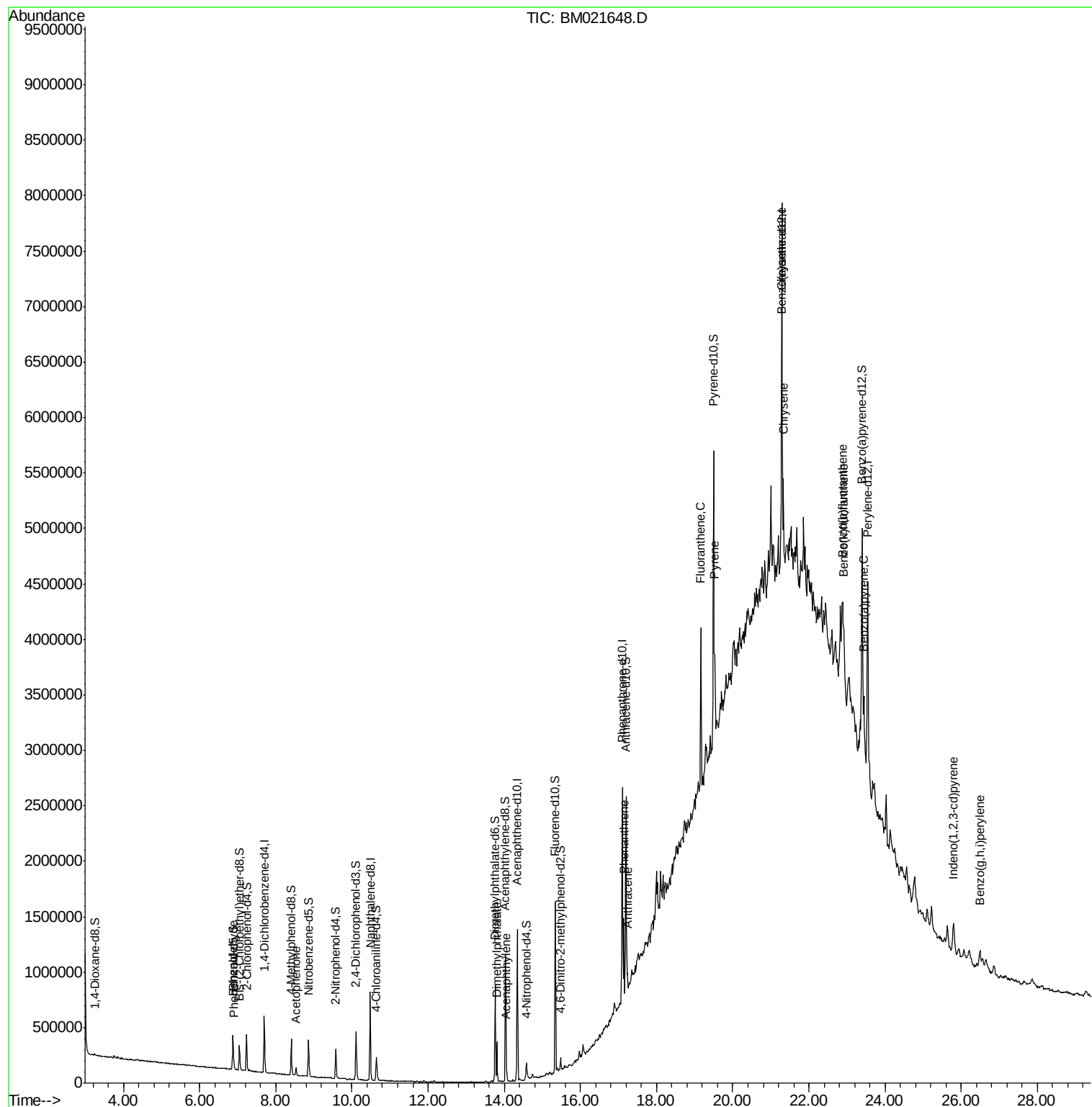
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021648.D
Acq On : 25 Jul 2019 22:17
Operator : HP/JU
Sample : K3850-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

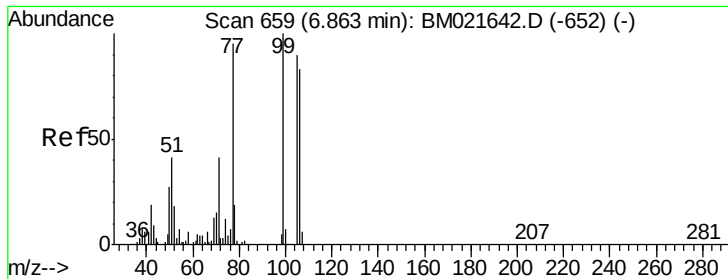
Instrument :
BNA_M
ClientSampleId :
BENS4

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Quant Time: Jul 26 01:37:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.474 ng/ul m

RT: 6.86 min Scan# 659

Delta R.T. -0.00 min

Lab File: BM021648.D

Acq: 25 Jul 2019 22:17

Instrument :

BNA_M

ClientSampleId :

BENS4

Tot Ion: 77 Resp: 7595

Ion Ratio Lower Upper

77 100

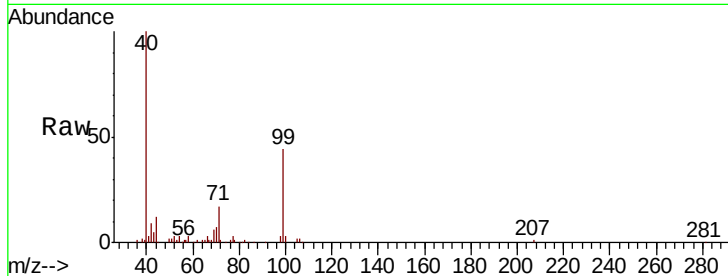
105 75.2 75.8 113.8#

106 61.7 70.9 106.3#

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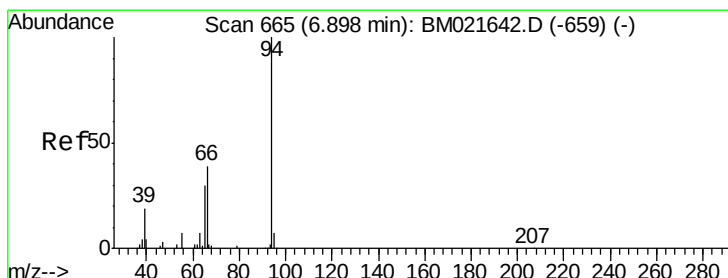
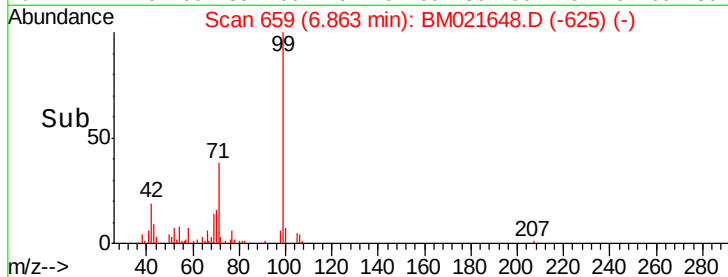
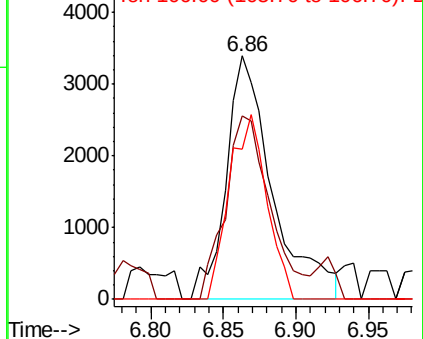
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Abundance Ion 77.00 (76.70 to 77.70): BM021648.D (-652) (-)

Ion 105.00 (104.70 to 105.70): BM021648.D (-652) (-)

Ion 106.00 (105.70 to 106.70): BM021648.D (-652) (-)



#6

Phenol

Concen: 1.269 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BM021648.D

Acq: 25 Jul 2019 22:17

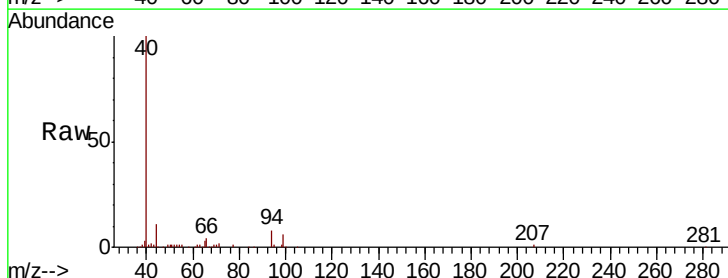
Tgt Ion: 94 Resp: 14919

Ion Ratio Lower Upper

94 100

65 34.9 23.3 34.9

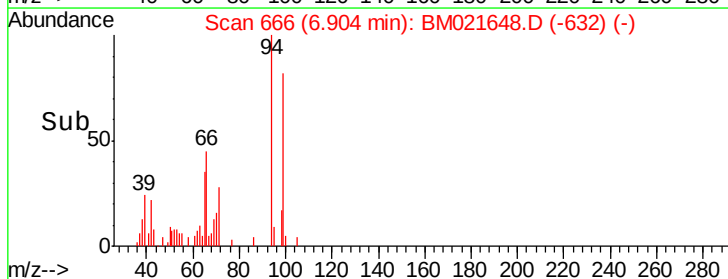
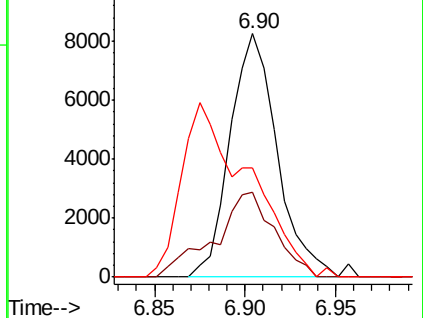
66 45.0 33.2 49.8

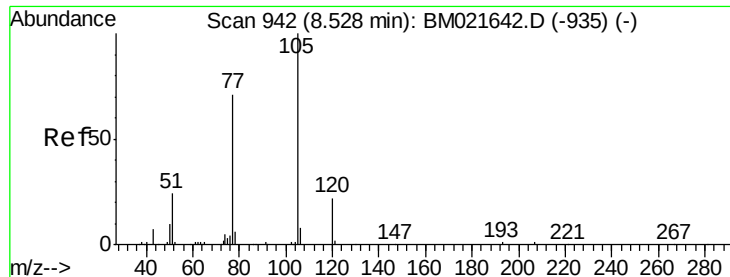


Abundance Ion 94.00 (93.70 to 94.70): BM021648.D (-659) (-)

Ion 65.00 (64.70 to 65.70): BM021648.D (-659) (-)

Ion 66.00 (65.70 to 66.70): BM021648.D (-659) (-)





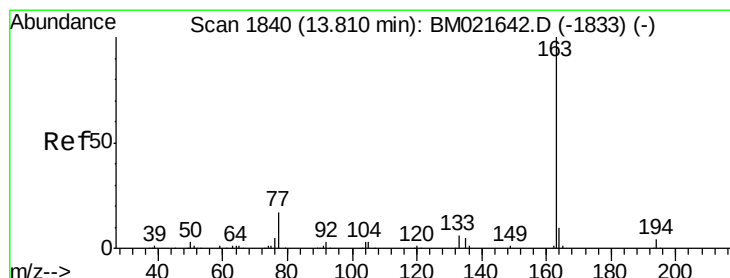
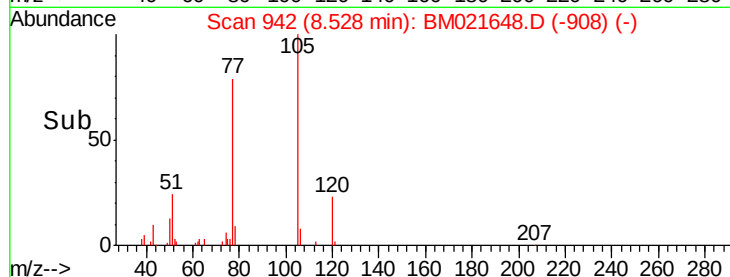
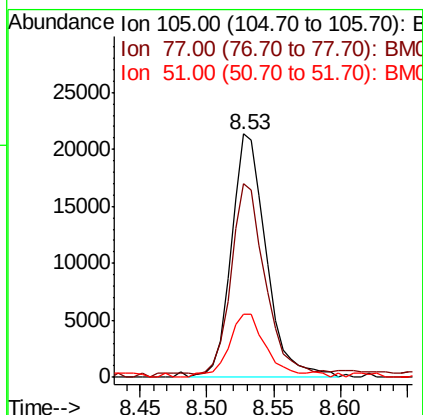
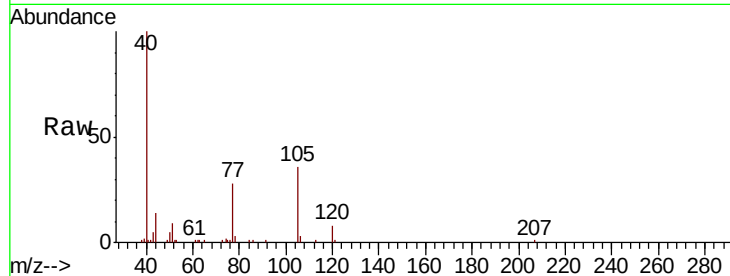
#14
Acetophenone
Concen: 2.474 ng/ul
RT: 8.53 min Scan# 942
Delta R.T. -0.00 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Instrument :
BNA_M
ClientSampleId :
BENS4

Tot Ion:	105	Resp:	38771
Ion Ratio	Lower	Upper	
105	100		
77	79.4	66.3	99.5
51	25.9	20.2	30.2

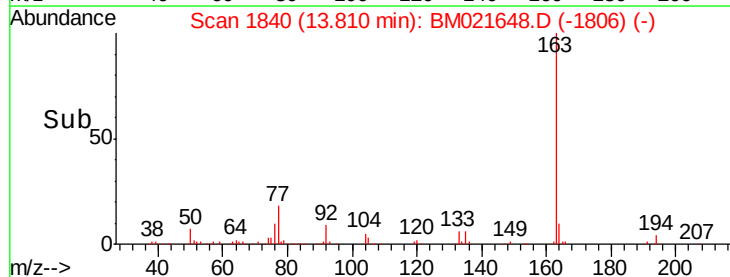
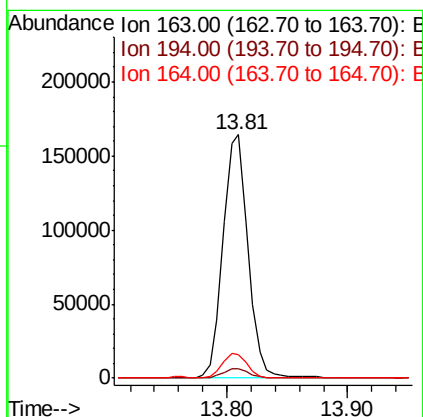
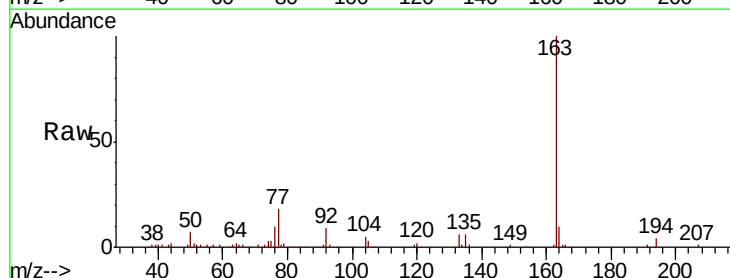
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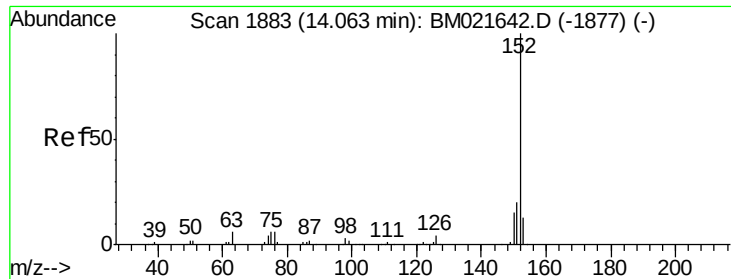
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#44
Dimethylphthalate
Concen: 6.238 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Tgt Ion:	163	Resp:	235950
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.2	4.8
164	9.8	8.2	12.4





#47

Acenaphthylene

Concen: 1.304 ng/ul

RT: 14.06 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BM021648.D

Acq: 25 Jul 2019 22:17

Instrument :

BNA_M

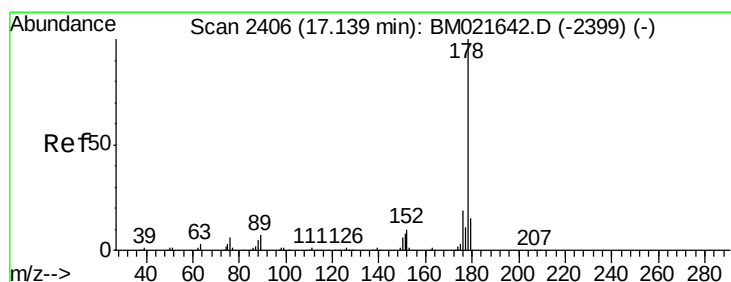
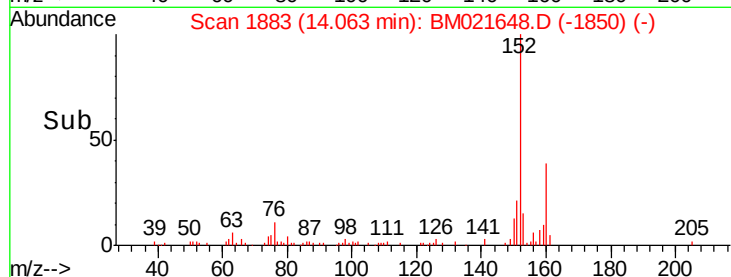
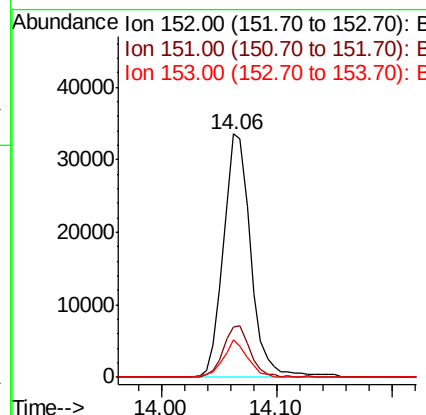
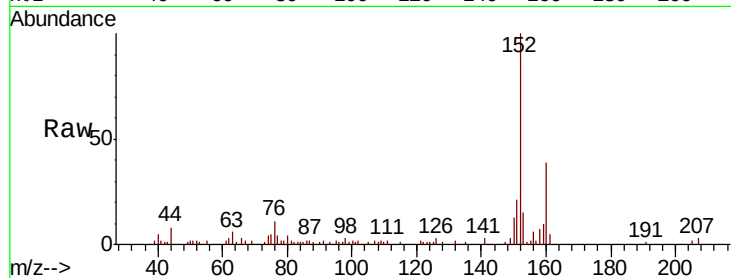
ClientSampleId :

BENS4

Tot Ion:	152	Resp:	55471
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.5	24.7
153	15.4	10.3	15.5

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#69

Phenanthrene

Concen: 6.748 ng/ul

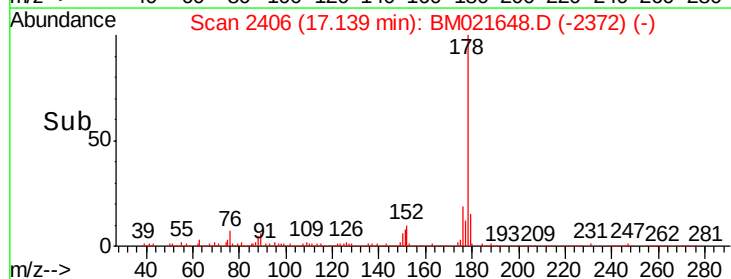
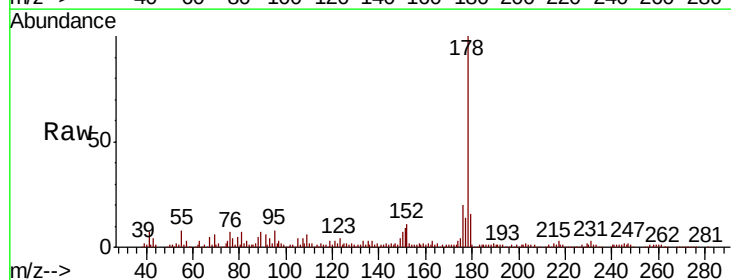
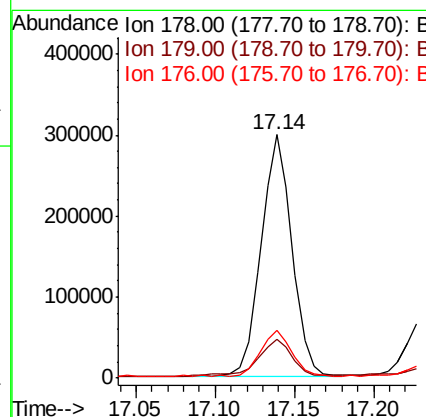
RT: 17.14 min Scan# 2406

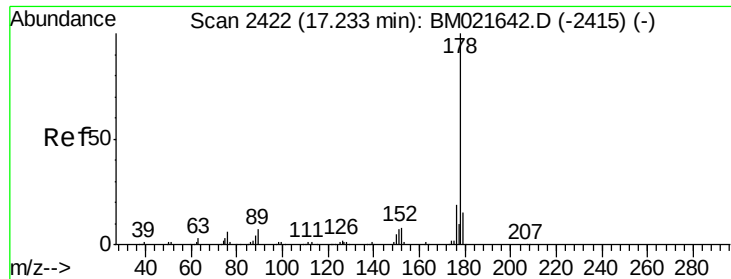
Delta R.T. -0.00 min

Lab File: BM021648.D

Acq: 25 Jul 2019 22:17

Tgt Ion:	178	Resp:	402165
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.2	18.2
176	19.7	15.0	22.4





#71

Anthracene

Concen: 1.640 ng/ul m

RT: 17.23 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BM021648.D

Acq: 25 Jul 2019 22:17

Instrument :

BNA_M

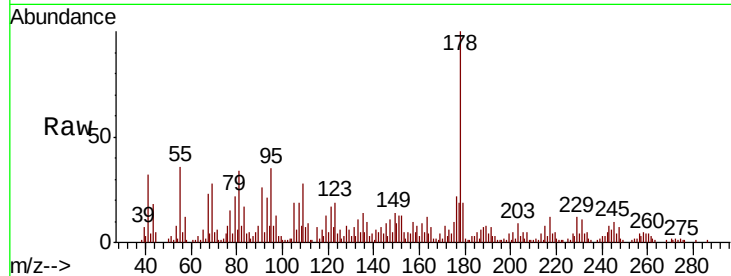
ClientSampleId :

BENS4

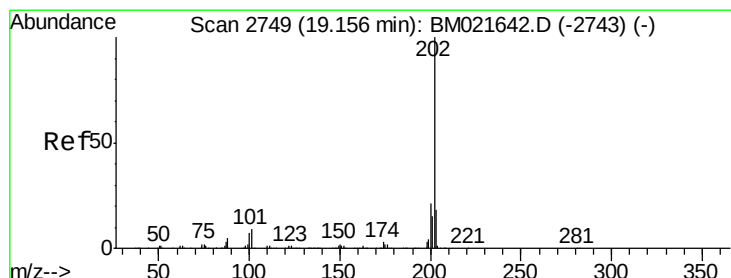
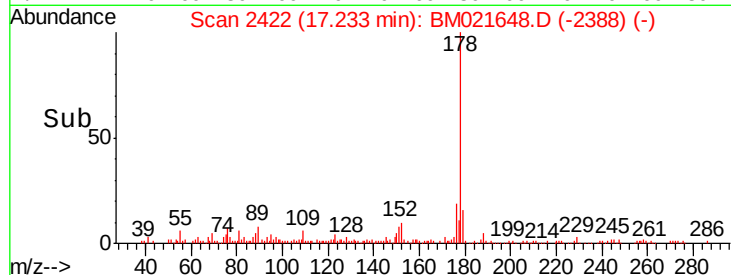
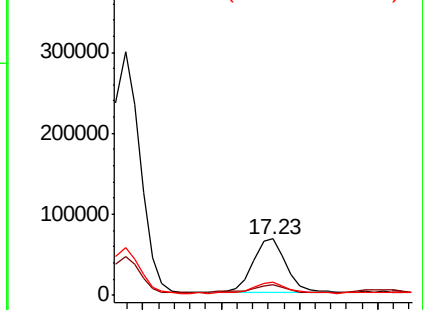
Tot Ion:	178	Resp:	98842
Ion Ratio	Lower	Upper	
178	100		
179	18.7	12.4	18.6#
176	22.4	14.6	21.8#

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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



#76

Fluoranthene

Concen: 12.221 ng/ul

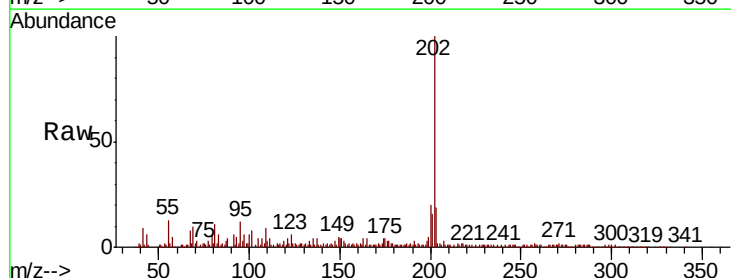
RT: 19.16 min Scan# 2750

Delta R.T. -0.00 min

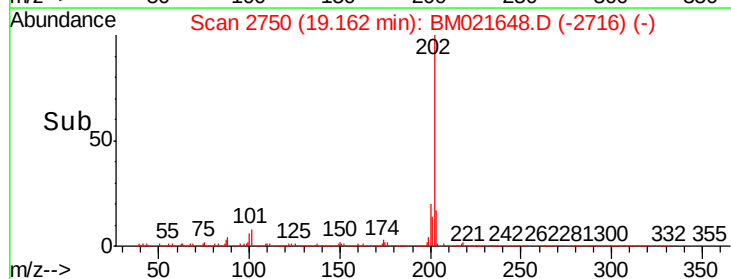
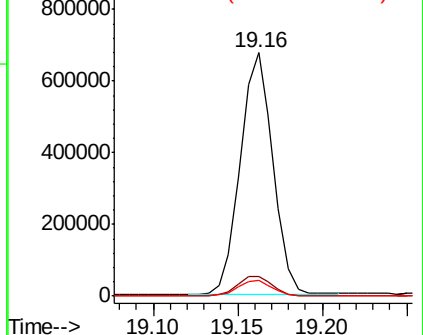
Lab File: BM021648.D

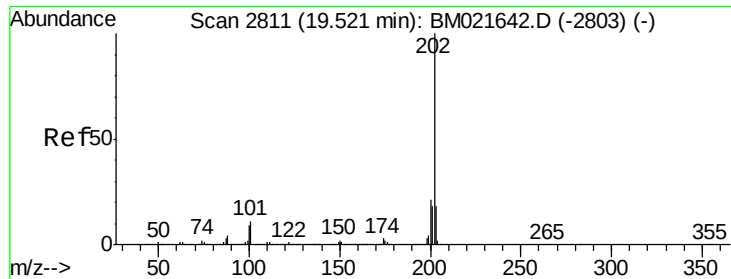
Acq: 25 Jul 2019 22:17

Tgt Ion:	202	Resp:	902912
Ion Ratio	Lower	Upper	
202	100		
101	8.2	7.2	10.8
100	6.3	5.6	8.4



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





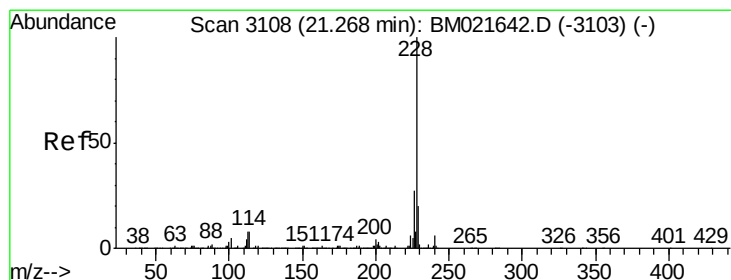
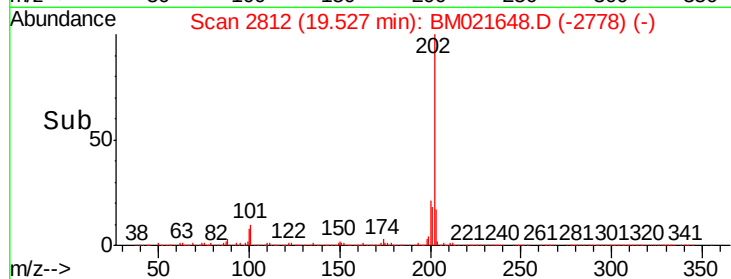
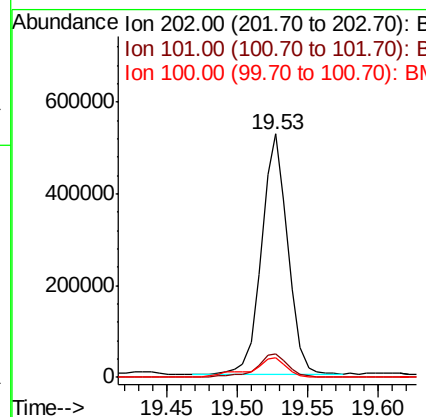
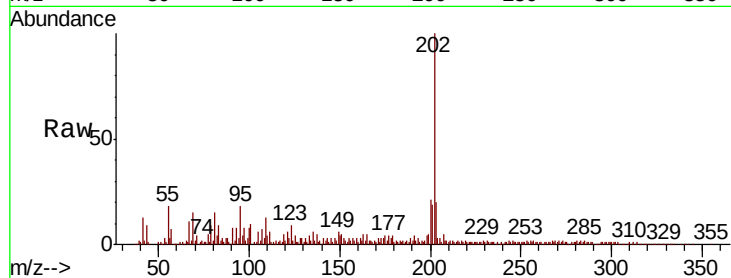
#79
Pvrene
Concen: 8.551 ng/ul
RT: 19.53 min Scan# 2812
Delta R.T. -0.00 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Instrument :
BNA_M
ClientSampleId :
BENS4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	8.6	13.0
100	7.9	7.1	10.7

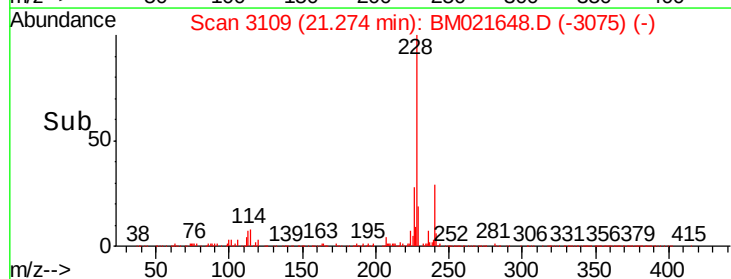
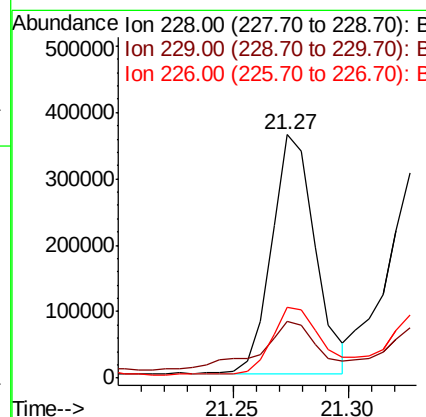
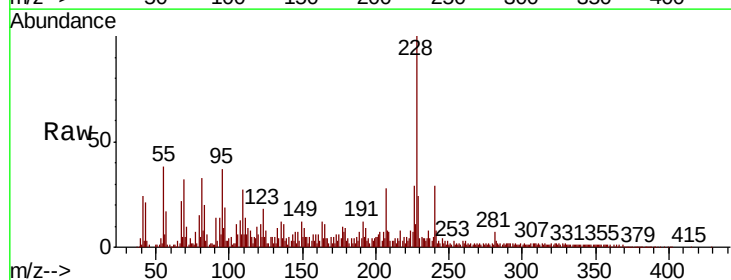
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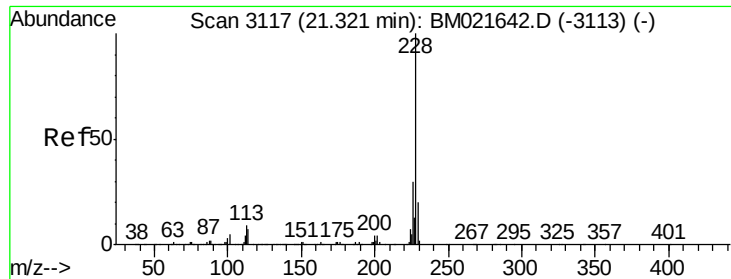
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#82
Benzo(a)anthracene
Concen: 5.330 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.5	15.8	23.6
226	28.9	21.7	32.5





#84

Chrysene

Concen: 5.126 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM021648.D

Acq: 25 Jul 2019 22:17

Instrument :

BNA_M

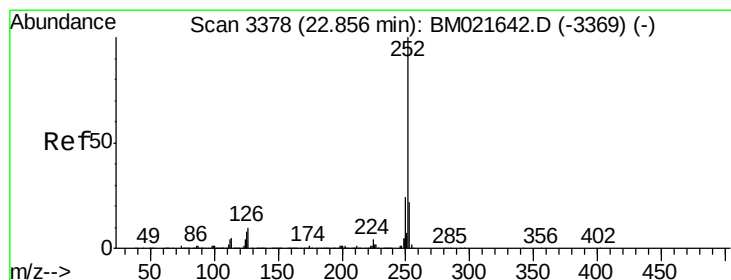
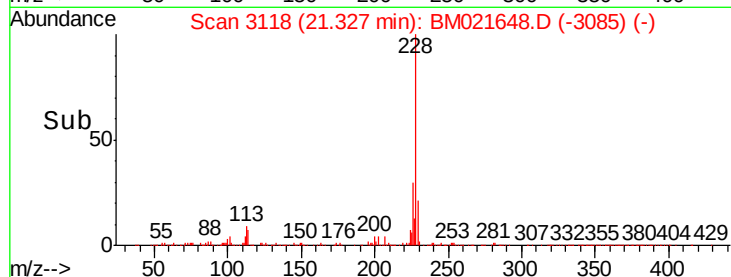
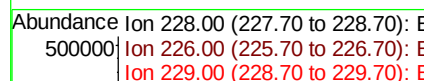
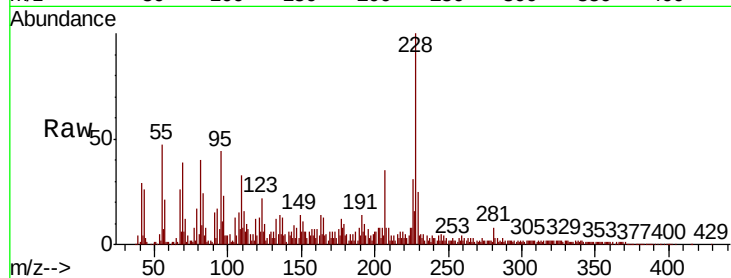
ClientSampled :

BENS4

Tot Ion:	228	Resp:	430490
Ion Ratio		Lower	Upper
228	100		
226	30.8	24.2	36.2
229	24.8	15.4	23.2#

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#87

Benzo(b)fluoranthene

Concen: 7.110 ng/ul

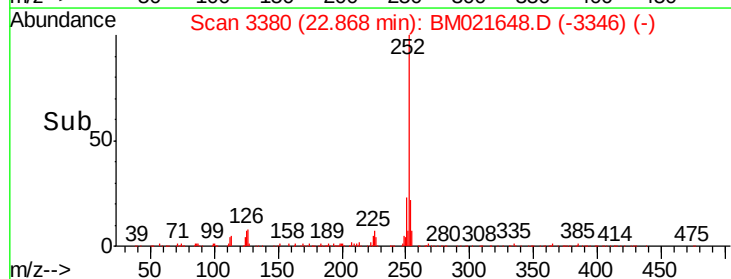
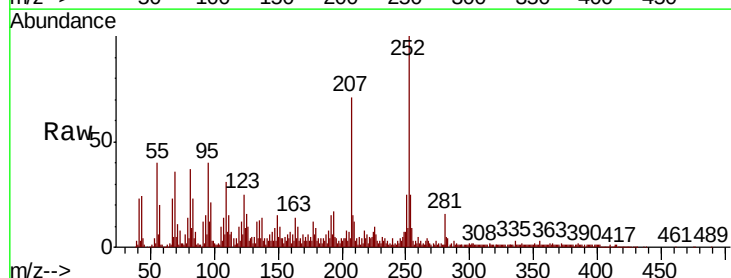
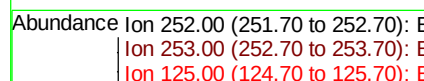
RT: 22.87 min Scan# 3380

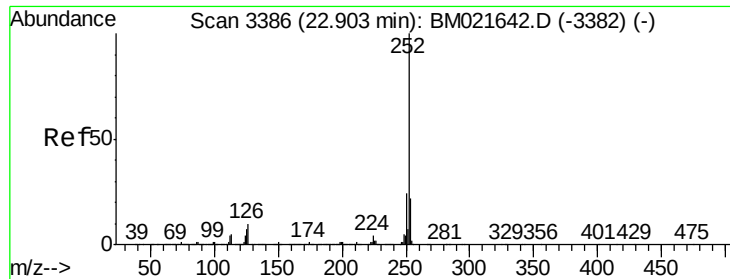
Delta R.T. -0.00 min

Lab File: BM021648.D

Acq: 25 Jul 2019 22:17

Tgt Ion:	252	Resp:	567400
Ion Ratio		Lower	Upper
252	100		
253	24.9	17.6	26.4
125	15.8	5.8	8.6#





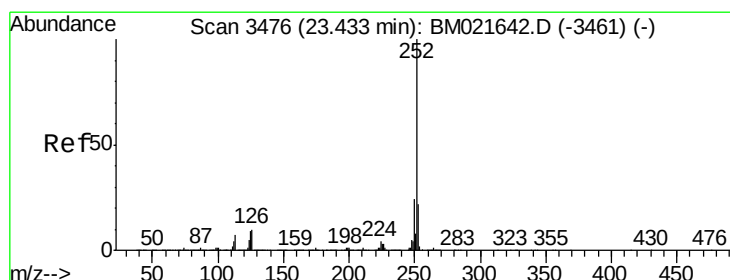
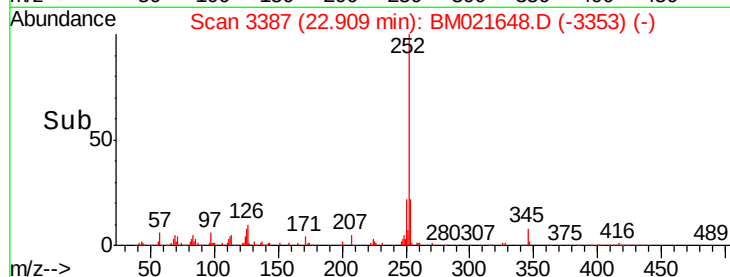
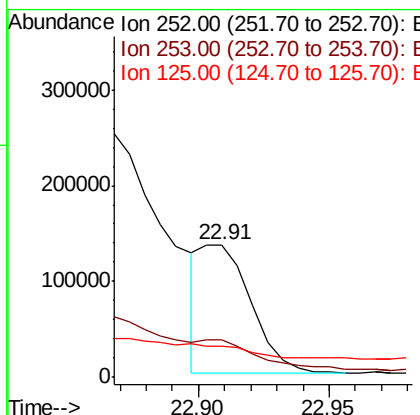
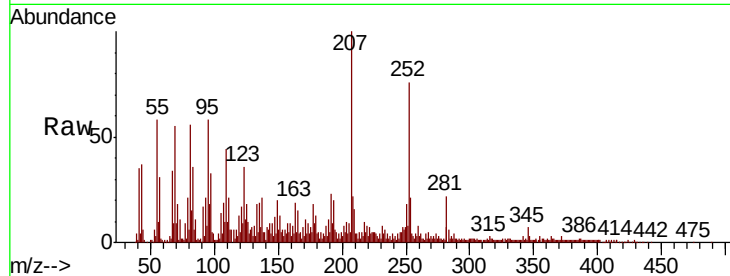
#88
Benzo(k)fluoranthene
Concen: 2.302 ng/ul m
RT: 22.91 min Scan# 3387
Delta R.T. -0.00 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Instrument :
BNA_M
ClientSampleId :
BENS4

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.7	26.5#
125	23.3	6.4	9.6#

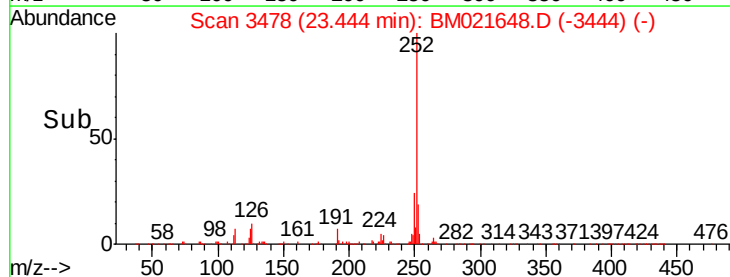
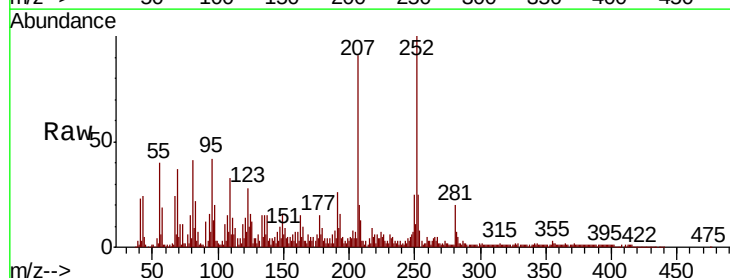
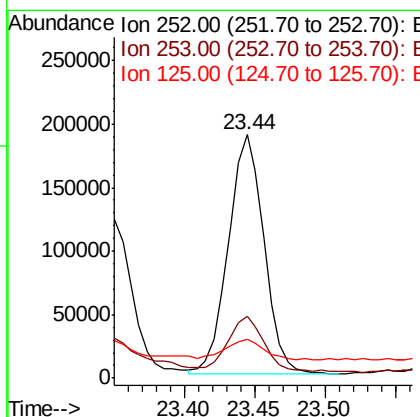
Manual Integrations
APPROVED

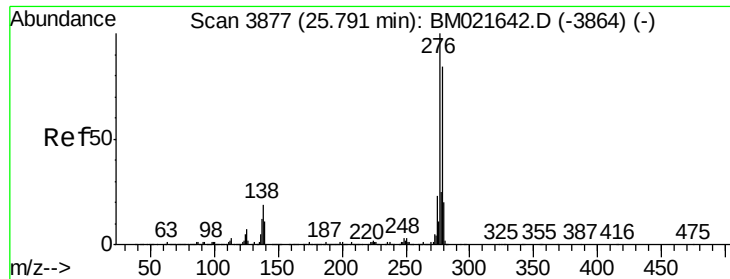
mohammad
7/26/2019 3:24:15 PM



#90
Benzo(a)pyrene
Concen: 4.291 ng/ul
RT: 23.44 min Scan# 3478
Delta R.T. -0.00 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	16.0	7.0	10.4#





#91

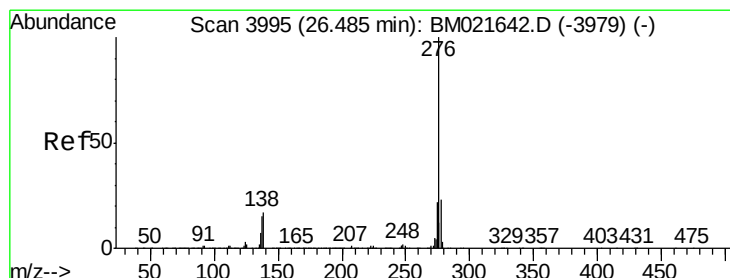
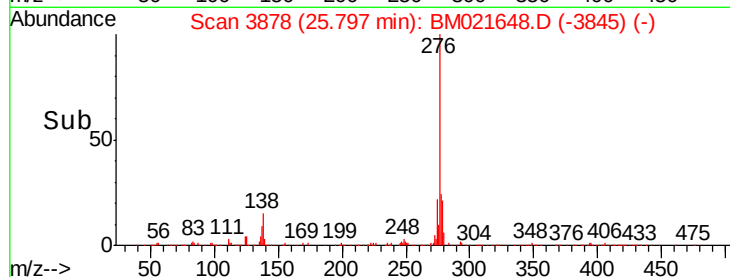
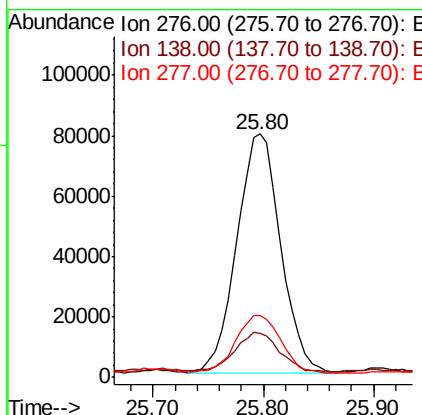
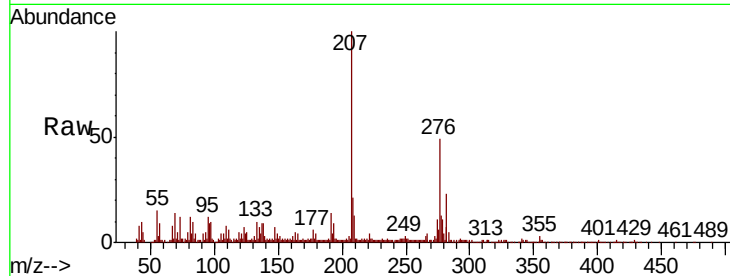
Indeno(1,2,3-cd)pyrene
Concen: 2.372 ng/ul
RT: 25.80 min Scan# 3878
Delta R.T. -0.01 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Instrument :
BNA_M
ClientSampled :
BENS4

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.9	15.2	22.8
277	25.6	20.2	30.2

Manual Integrations
APPROVED

mohammad
7/26/2019 3:24:15 PM



#93

Benzo(g,h,i)perylene
Concen: 2.728 ng/ul
RT: 26.49 min Scan# 3996
Delta R.T. -0.00 min
Lab File: BM021648.D
Acq: 25 Jul 2019 22:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	13.7	20.5
277	25.8	19.0	28.6

