

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
 Data File : BM021340.D
 Acq On : 02 Jul 2019 13:21
 Operator : HP/JU
 Sample : K3594-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BC9

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:50:14 PM

Quant Time: Jul 02 17:05:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 02 01:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	202641	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	864814	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	528042	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1080375	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	843187	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	999384	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	21645	5.07	ng/uL	0.00
5) Phenol-d5	6.92	99	512058	29.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	301334	28.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	426067	29.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	464931	31.58	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	235883	33.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	279099	35.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	541200	34.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	519522	31.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1809303	37.92	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1917056	32.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	204547	26.36	ng/ul	0.00
57) Fluorene-d10	15.39	176	1455505	35.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	174269	26.24	ng/ul	0.00
70) Anthracene-d10	17.24	188	1977376	35.22	ng/ul	0.00
78) Pyrene-d10	19.54	212	1919932	37.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2057883	34.90	ng/ul	0.01

Target Compounds

					Ovalue
4) Benzaldehyde	6.91	77	8835	1.099	ng/ul 98
44) Dimethylphthalate	13.85	163	685792	15.790	ng/ul 98
69) Phenanthrene	17.19	178	717077	12.001	ng/ul 99
71) Anthracene	17.27	178	119630	1.965	ng/ul 99
76) Fluoranthene	19.20	202	2298500	35.602	ng/ul 99
79) Pyrene	19.57	202	1958289	32.852	ng/ul 100
82) Benzo(a)anthracene	21.31	228	1160285	20.184	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.24	149	81180	2.584	ng/ul 99
84) Chrysene	21.37	228	1270547	23.600	ng/ul 98
87) Benzo(b)fluoranthene	22.92	252	2177167	34.391	ng/ul 99
88) Benzo(k)fluoranthene	22.96	252	757441m	12.437	ng/ul
90) Benzo(a)pyrene	23.51	252	1316608	22.096	ng/ul 100
91) Indeno(1,2,3-cd)pyrene	25.89	276	1112596	15.857	ng/ul 96
92) Dibenzo(a,h)anthracene	25.90	278	274252	4.646	ng/ul# 94
93) Benzo(g,h,i)perylene	26.60	276	884849	15.312	ng/ul 97

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

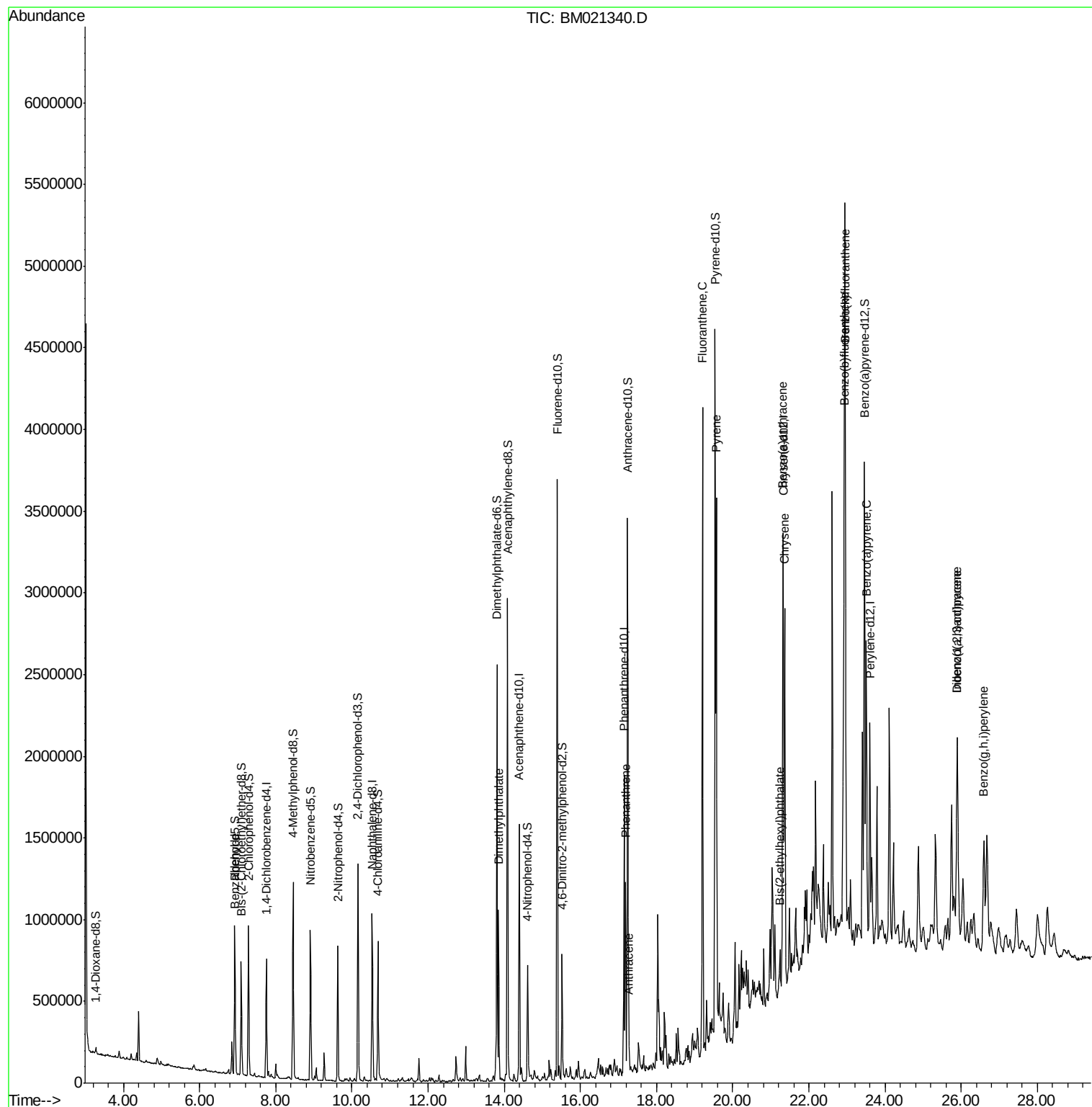
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021340.D
Acq On : 02 Jul 2019 13:21
Operator : HP/JU
Sample : K3594-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

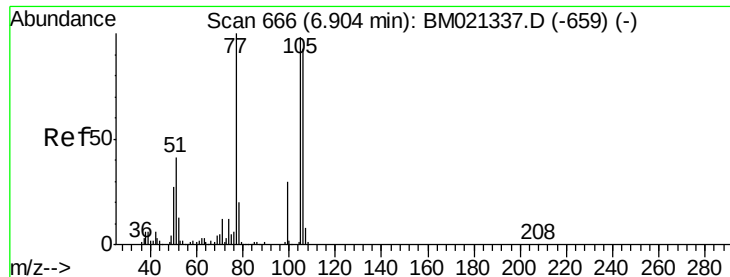
Instrument :
BNA_M
ClientSampleId :
C5BC9

Quant Time: Jul 02 17:05:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 02 01:54:12 2019
Response via : Initial Calibration

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#4

Benzaldehyde

Concen: 1.099 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. -0.00 min

Lab File: BM021340.D

Acq: 02 Jul 2019 13:21

Instrument :

BNA_M

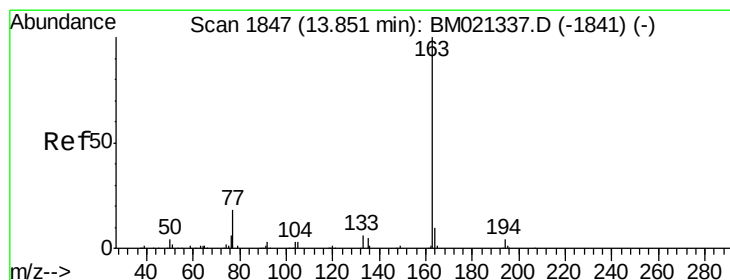
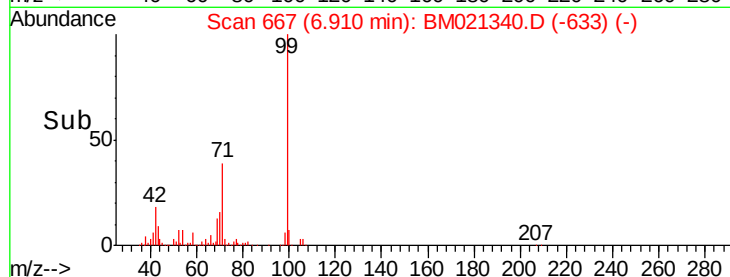
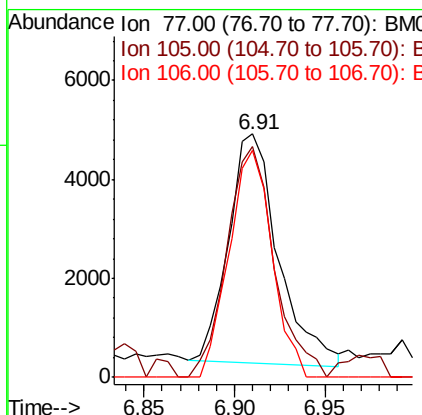
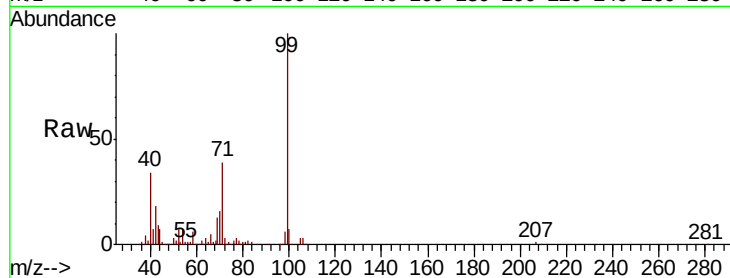
ClientSampleId :

C5BC9

Tot Ion:	77	Resp:	8835
Ion	Ratio	Lower	Upper
77	100		
105	94.8	78.1	117.1
106	93.0	73.4	110.2

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#44

Dimethylphthalate

Concen: 15.790 ng/ul

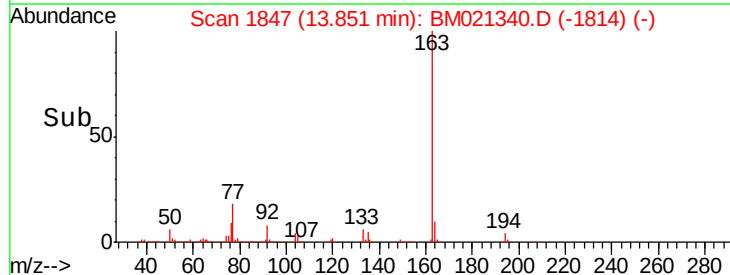
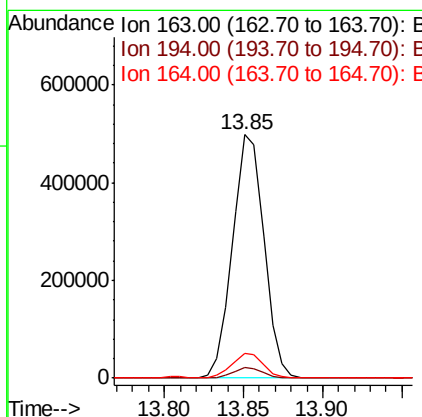
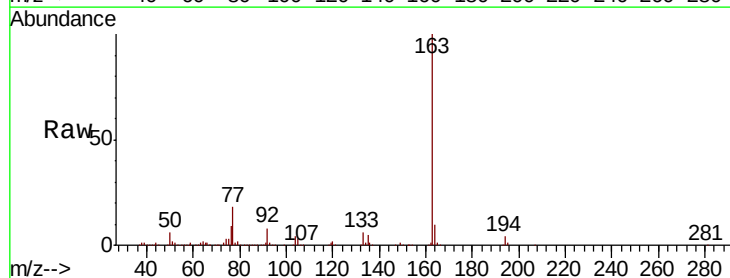
RT: 13.85 min Scan# 1847

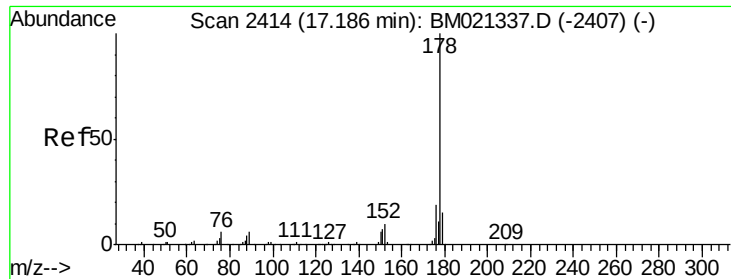
Delta R.T. -0.01 min

Lab File: BM021340.D

Acq: 02 Jul 2019 13:21

Tgt Ion:	163	Resp:	685792
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.4	7.7	11.5





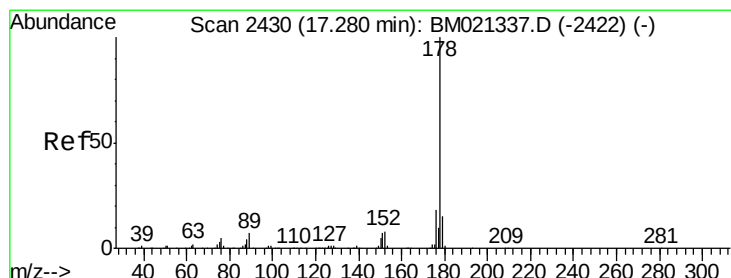
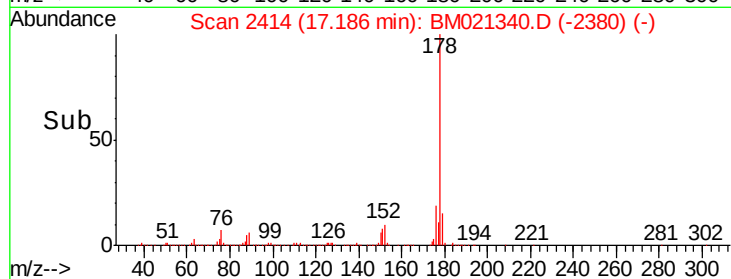
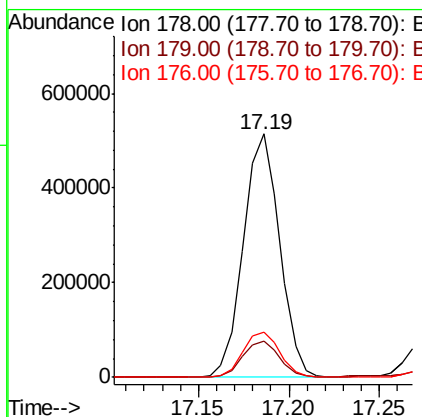
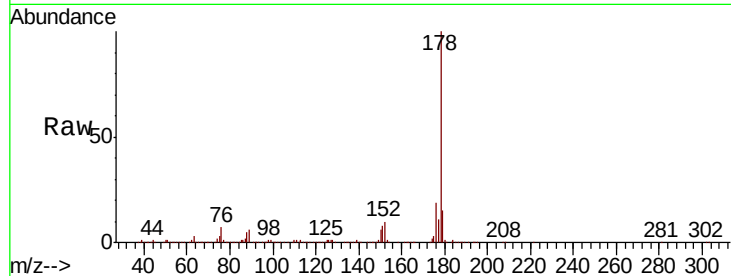
#69
Phenanthrene
Concen: 12.001 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BM021340.D
Acq: 02 Jul 2019 13:21

Instrument :
BNA_M
ClientSampleId :
C5BC9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.8	17.8
176	18.7	15.0	22.6

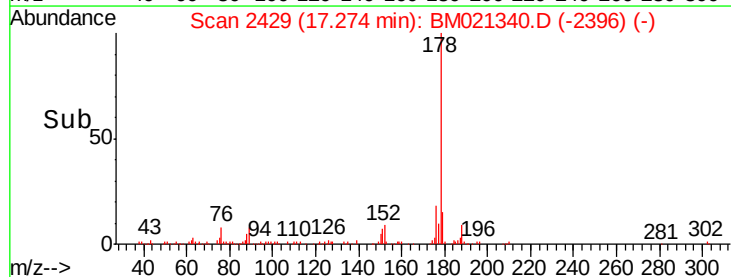
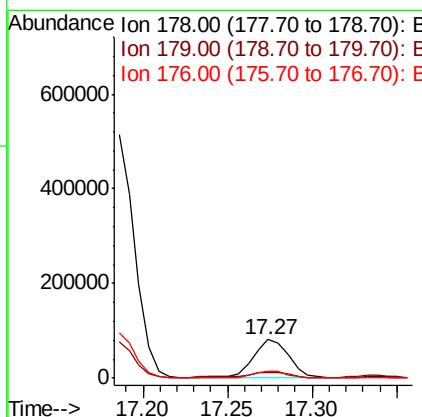
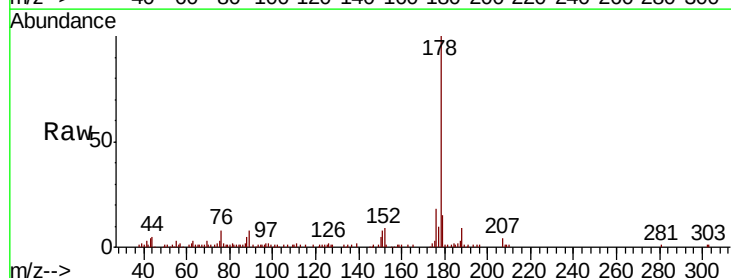
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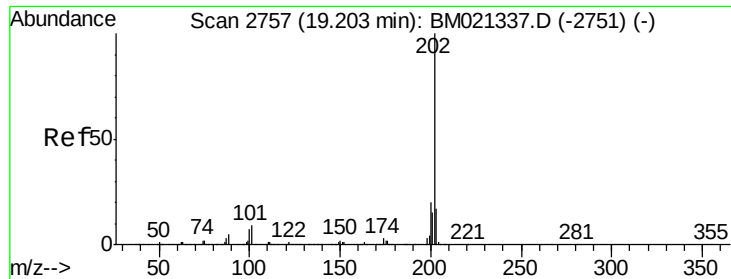
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#71
Anthracene
Concen: 1.965 ng/ul
RT: 17.27 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM021340.D
Acq: 02 Jul 2019 13:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.5	18.7
176	18.3	14.6	21.8





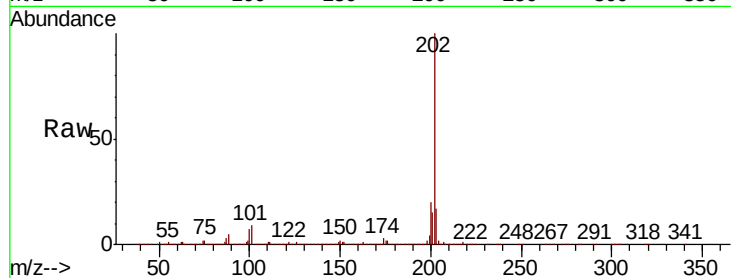
#76
Fluoranthene
Concen: 35.602 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.00 min
Lab File: BM021340.D
Acq: 02 Jul 2019 13:21

Instrument :
BNA_M
ClientSampleId :
C5BC9

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.7	10.1
100	6.6	5.5	8.3

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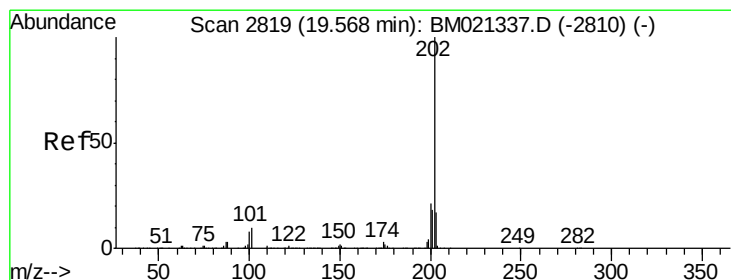
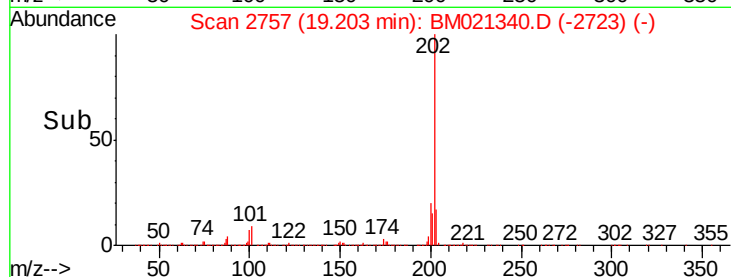
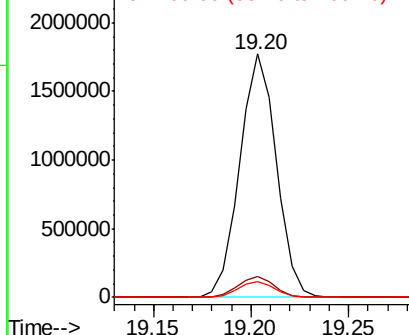


Abundance

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



#79
Pyrene
Concen: 32.852 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.00 min
Lab File: BM021340.D
Acq: 02 Jul 2019 13:21

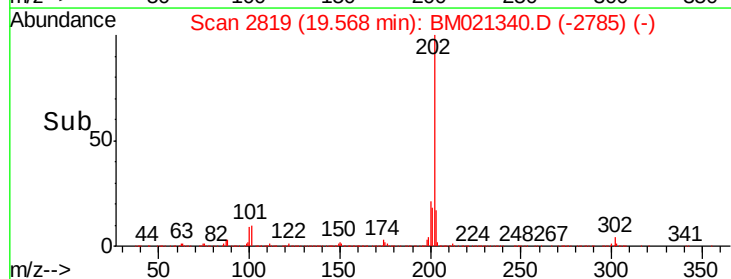
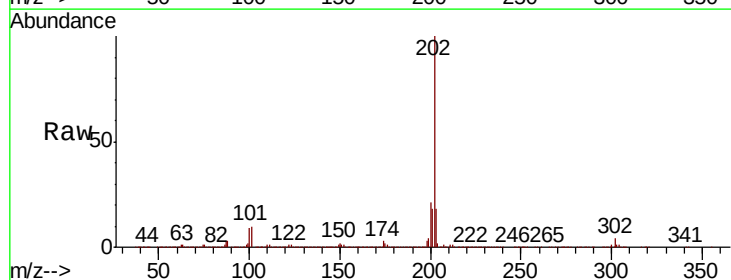
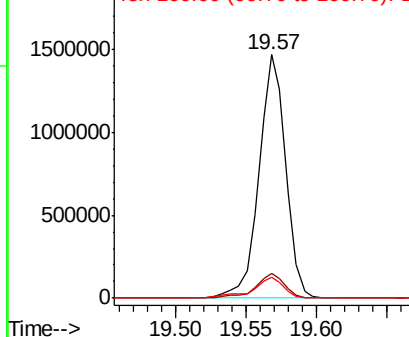
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.1	12.1
100	8.6	6.6	10.0

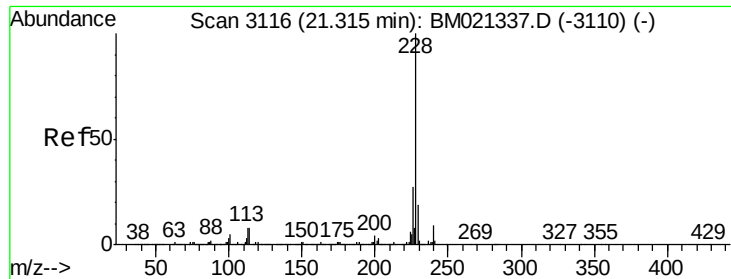
Abundance

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





#82

Benzo(a)anthracene

Concen: 20.184 ng/ul

RT: 21.31 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BM021340.D

Acq: 02 Jul 2019 13:21

Instrument :

BNA_M

ClientSampleId :

C5BC9

Tot Ion:228 Resp: 1160285

Ion Ratio Lower Upper

228 100

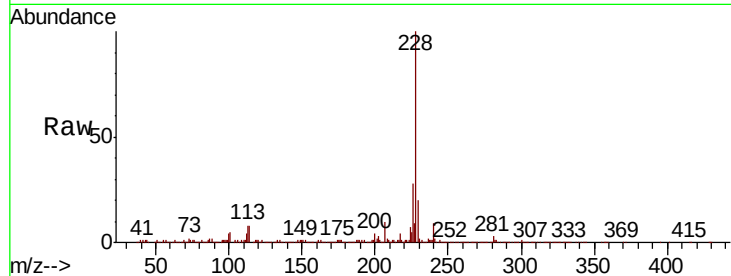
229 20.5 15.8 23.8

226 28.0 21.4 32.2

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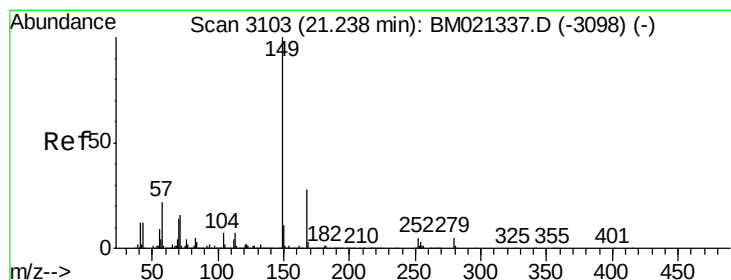
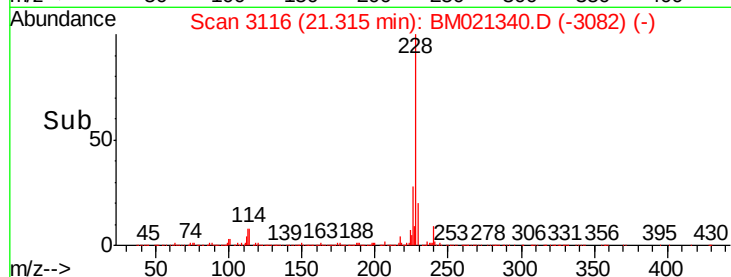
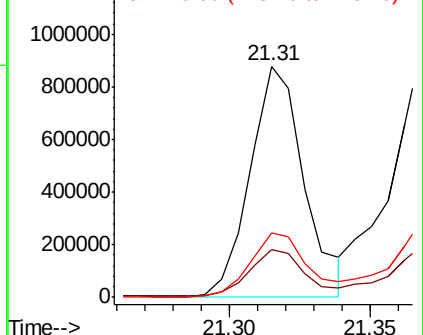


Abundance

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.584 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM021340.D

Acq: 02 Jul 2019 13:21

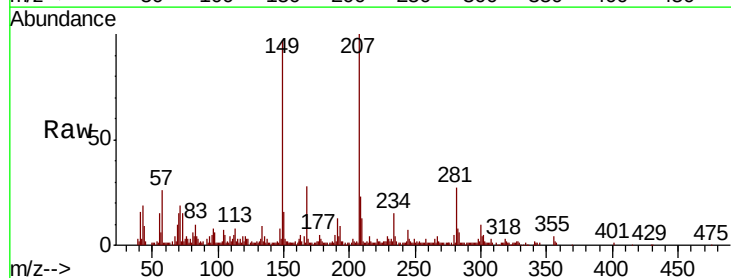
Tgt Ion:149 Resp: 81180

Ion Ratio Lower Upper

149 100

167 28.4 22.3 33.5

279 5.4 3.8 5.6

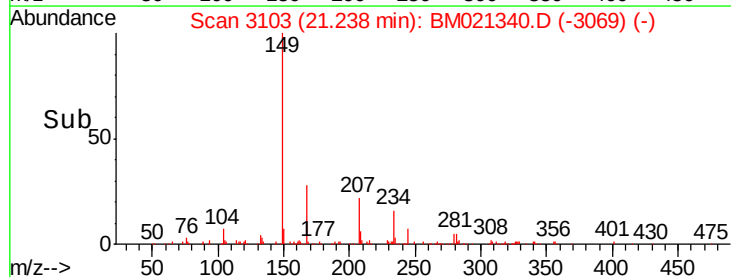
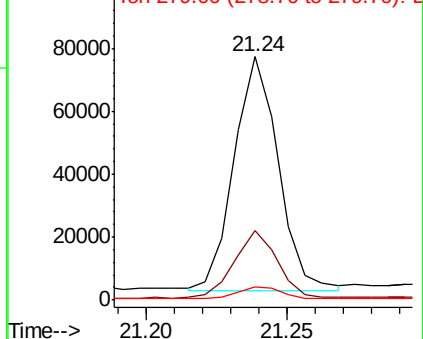


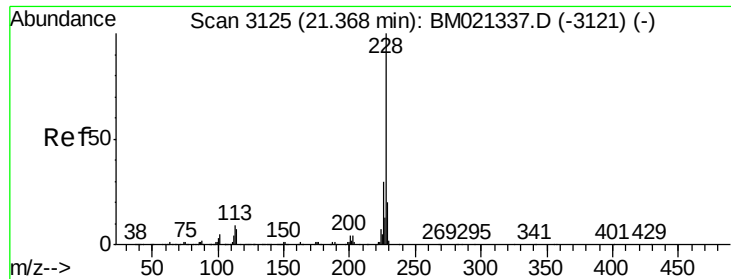
Abundance

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





#84

Chrysene

Concen: 23.600 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BM021340.D

Acq: 02 Jul 2019 13:21

Instrument :

BNA_M

ClientSampleId :

C5BC9

Tot Ion:228 Resp: 1270547

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	21.2	15.4	23.2

228 100

226 30.1 23.9 35.9

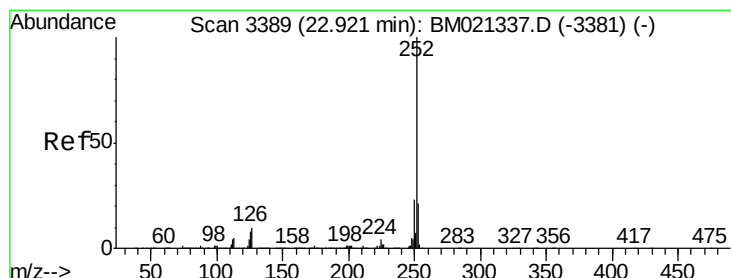
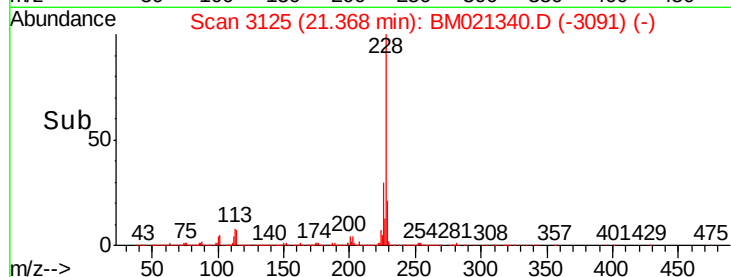
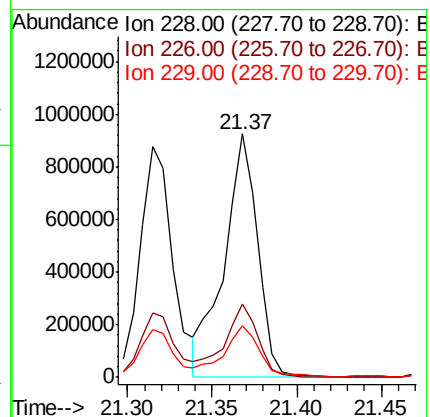
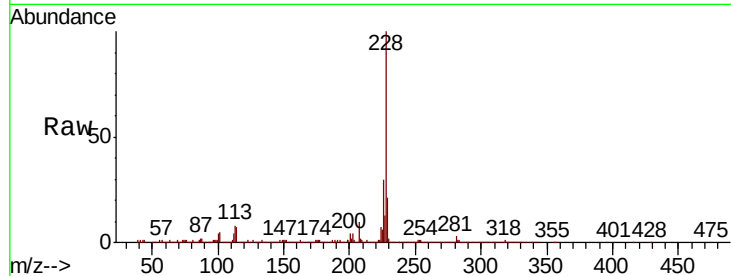
229 21.2 15.4 23.2

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#87

Benzo(b)fluoranthene

Concen: 34.391 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. 0.01 min

Lab File: BM021340.D

Acq: 02 Jul 2019 13:21

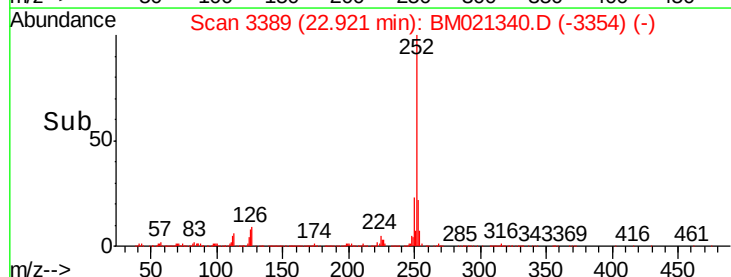
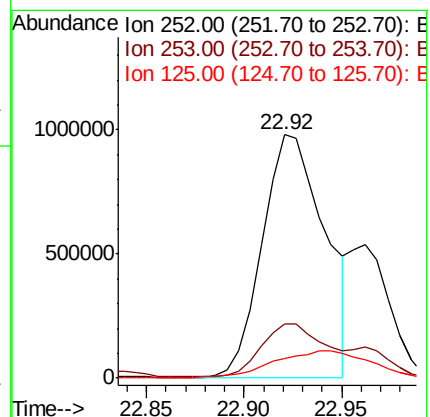
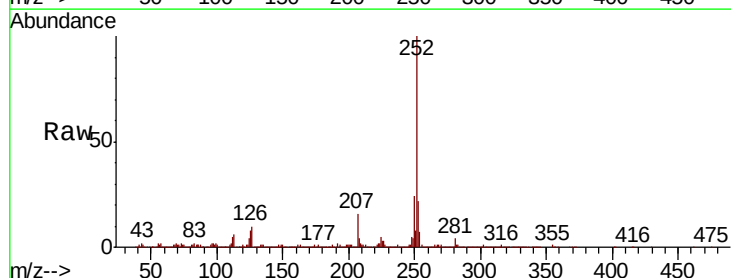
Tgt Ion:252 Resp: 2177167

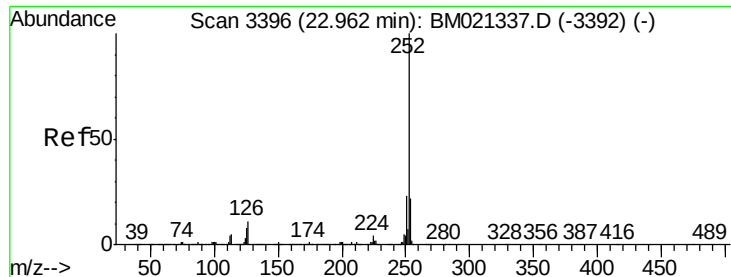
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	8.0	6.3	9.5

252 100

253 22.4 17.5 26.3

125 8.0 6.3 9.5





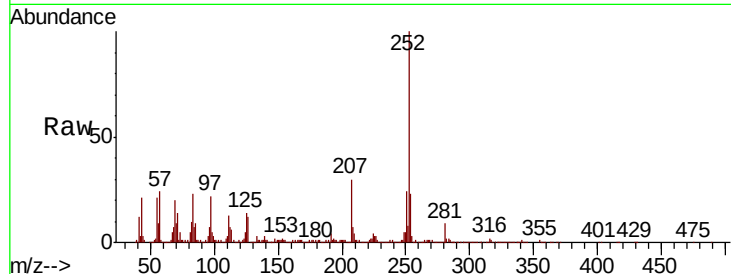
#88
Benzo(k)fluoranthene
Concen: 12.437 ng/ul m
RT: 22.96 min Scan# 3396
Delta R.T. -0.00 min
Lab File: BM021340.D
Acq: 02 Jul 2019 13:21

Instrument :
BNA_M
ClientSampleId :
C5BC9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	13.9	6.6	9.8

Manual Integrations
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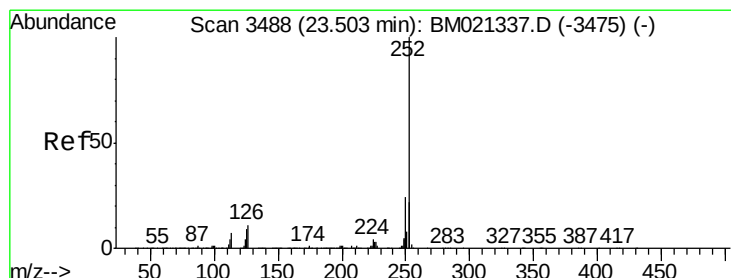
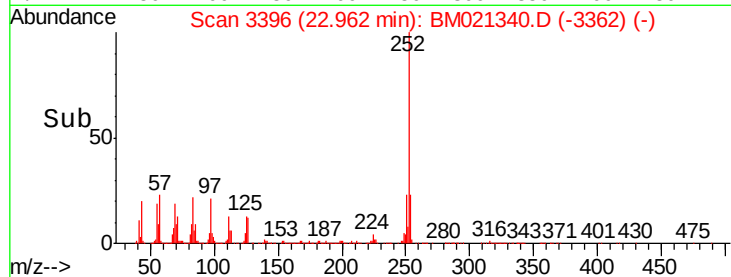
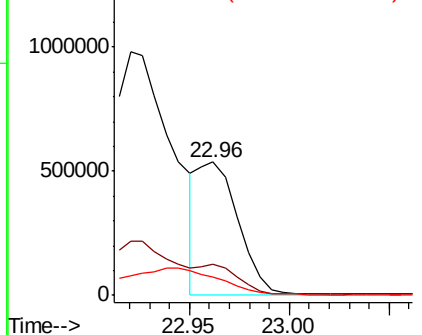


Abundance

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



#90
Benzo(a)pyrene
Concen: 22.096 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. 0.01 min
Lab File: BM021340.D
Acq: 02 Jul 2019 13:21

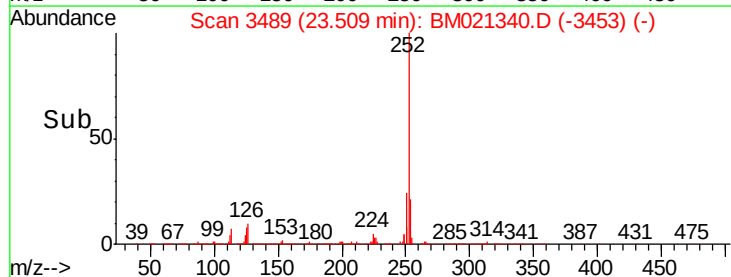
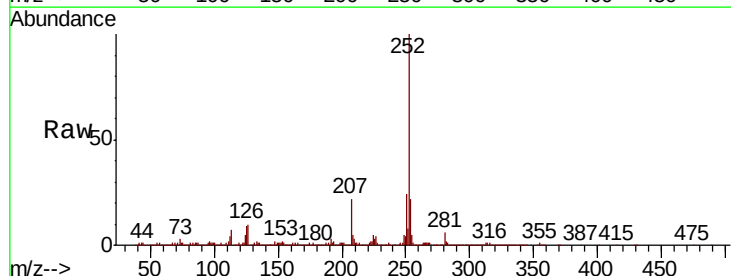
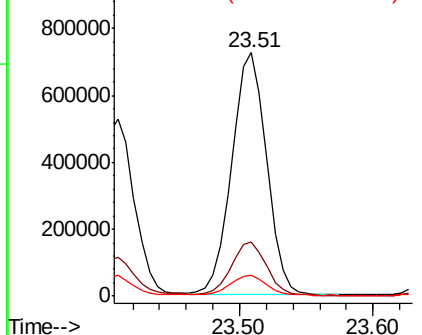
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	8.7	7.2	10.8

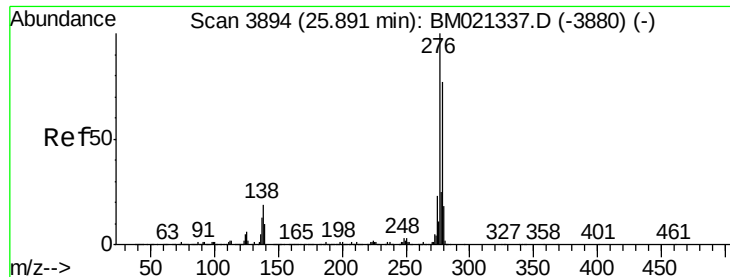
Abundance

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





#91

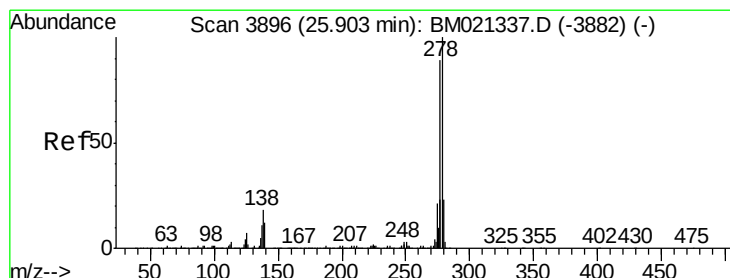
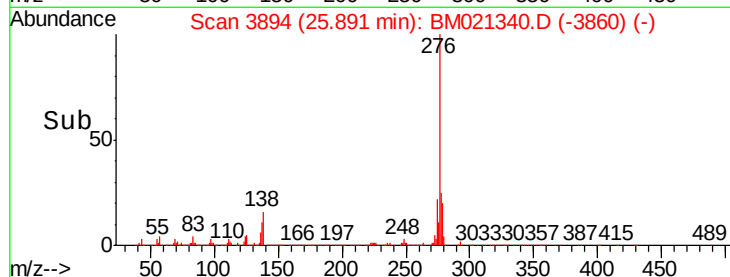
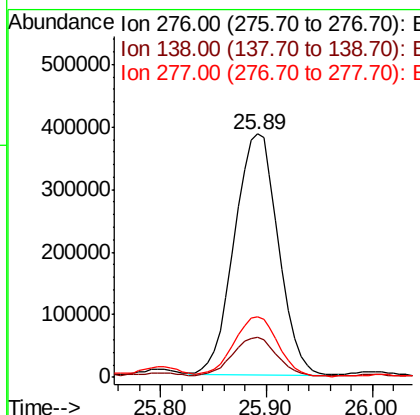
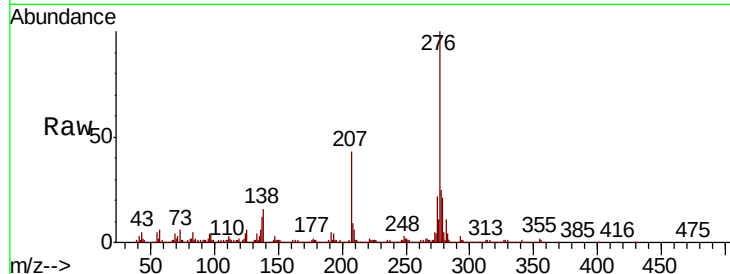
Indeno(1,2,3-cd)pyrene
Concen: 15.857 ng/ul
RT: 25.89 min Scan# 3894
Delta R.T. -0.00 min
Lab File: BM021340.D
Acq: 02 Jul 2019 13:21

Instrument :
BNA_M
ClientSampleId :
C5BC9

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.2	15.9	23.9
277	24.9	20.4	30.6

Manual Integrations
APPROVED

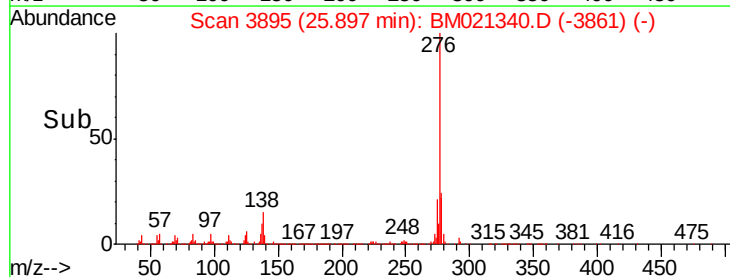
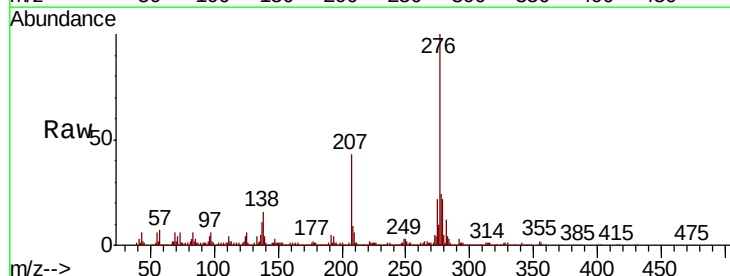
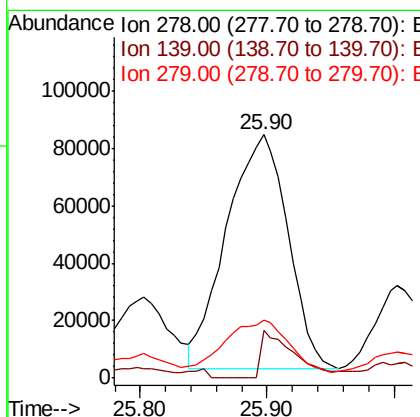
mohammad
7/3/2019 10:50:14 PM

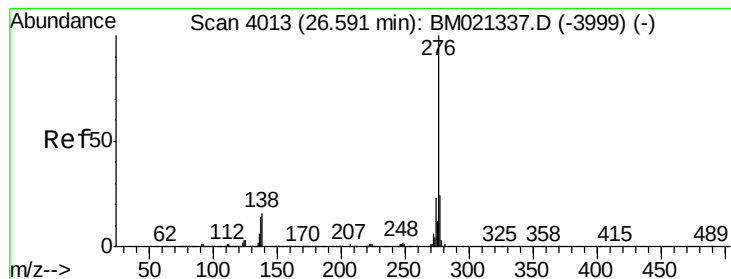


#92

Dibenzo(a,h)anthracene
Concen: 4.646 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.00 min
Lab File: BM021340.D
Acq: 02 Jul 2019 13:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	10.6	15.8#
279	24.1	19.0	28.4





#93

Benzo(a,h,i)perylene

Concen: 15.312 ng/ul

RT: 26.60 min Scan# 4014

Delta R.T. 0.01 min

Lab File: BM021340.D

Acq: 02 Jul 2019 13:21

Instrument :

BNA_M

ClientSampleId :

C5BC9

Tot Ion:	276	Resp:	884849
Ion Ratio	Lower	Upper	
276	100		
138	16.1	14.6	21.8
277	24.1	18.9	28.3

Manual Integrations
APPROVED

mohammad
7/3/2019 10:50:14 PM

