

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
 Data File : BM025770.D
 Acq On : 25 Mar 2020 16:32
 Operator : CG/JU
 Sample : L1938-08
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB726

Manual Integrations
 APPROVED

mohammad
 3/27/2020 8:15:04 AM

Quant Time: Mar 25 17:12:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 25 07:24:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	201248	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	841704	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.20	164	535605	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.95	188	1127981	20.00	ng/ul	-0.01
78) Chrysene-d12	21.15	240	1170187	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1334621	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	22144	4.62	ng/uL	0.00
5) Phenol-d5	6.75	99	412434	25.97	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	243840	26.90	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	352003	27.31	ng/ul	-0.01
13) 4-Methylphenol-d8	8.27	113	306328	23.47	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	180549	28.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	196273	29.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	369380	27.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	428394	27.13	ng/ul	-0.01
44) Dimethylphthalate-d6	13.63	166	1150613	28.27	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	1404369	28.80	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.41	143	191406	24.70	ng/ul	-0.01
58) Fluorene-d10	15.20	176	1020357	28.56	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	159511	23.18	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1464729	27.80	ng/ul	0.00
79) Pyrene-d10	19.35	212	1651021	29.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1986875	29.08	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.72	77	11312	1.345	ng/ul	89
45) Dimethylphthalate	13.67	163	230545	5.441	ng/ul	99
70) Phenanthrene	16.99	178	529001	7.968	ng/ul	99
72) Anthracene	17.09	178	114974	1.699	ng/ul	99
77) Fluoranthene	19.02	202	1152718	14.729	ng/ul	99
80) Pyrene	19.38	202	1028581	13.088	ng/ul	99
83) Benzo(a)anthracene	21.13	228	601904	7.802	ng/ul	97
85) Chrysene	21.18	228	582551	7.696	ng/ul	99
88) Benzo(b)fluoranthene	22.66	252	891686	10.708	ng/ul	98
89) Benzo(k)fluoranthene	22.70	252	270745m	3.300	ng/ul	
91) Benzo(a)pyrene	23.20	252	559209	7.379	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.42	276	441269	4.409	ng/ul	97
93) Dibenzo(a,h)anthracene	25.42	278	120528	1.422	ng/ul#	87
94) Benzo(g,h,i)perylene	26.06	276	305709	3.706	ng/ul	97

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

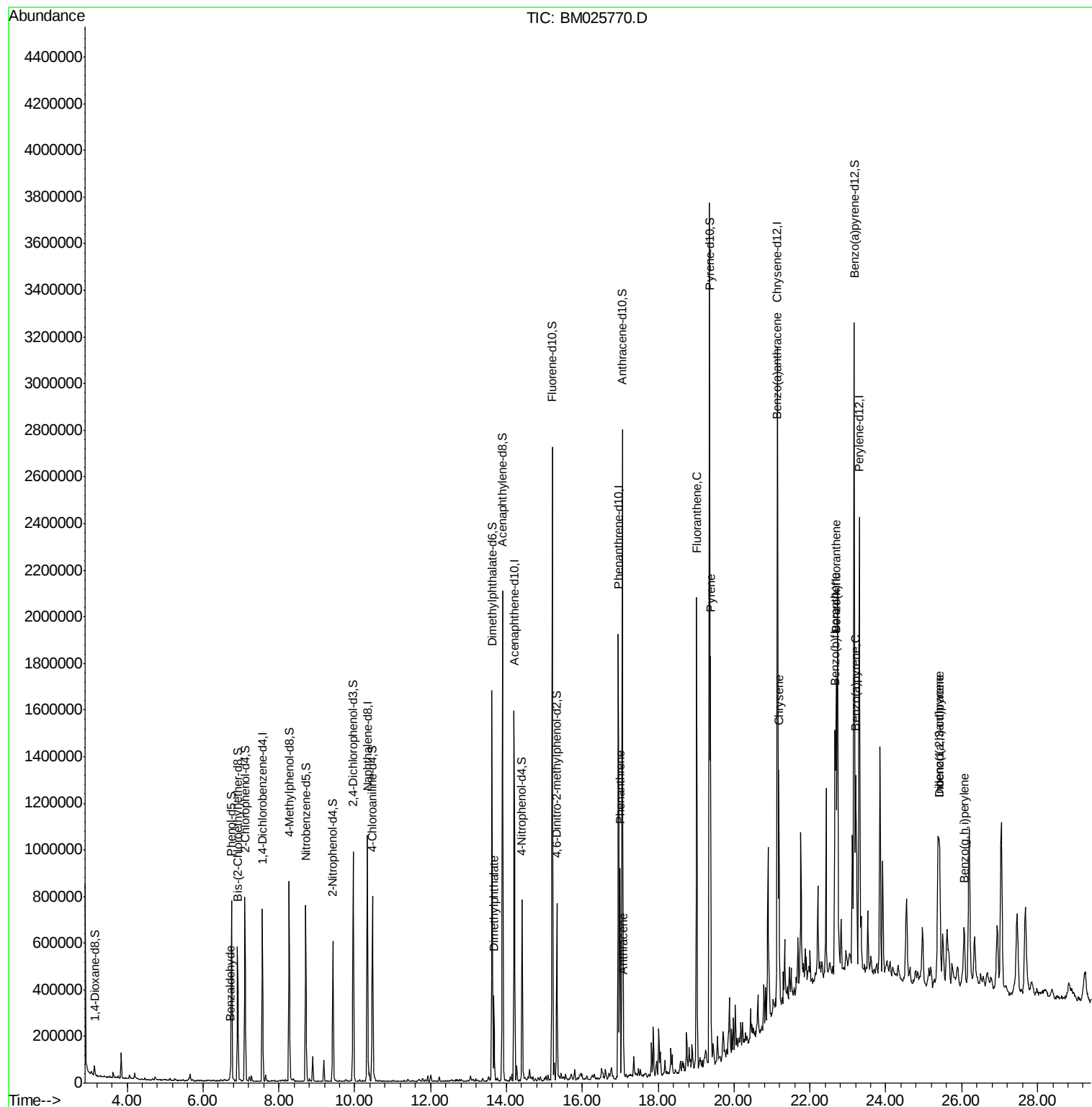
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025770.D
Acq On : 25 Mar 2020 16:32
Operator : CG/JU
Sample : L1938-08
Misc :
ALS Vial : 49 Sample Multiplier: 1

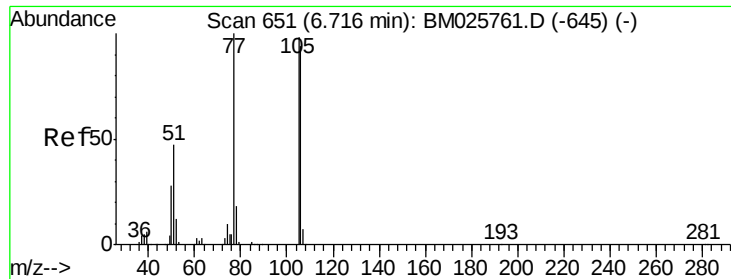
Instrument :
BNA_M
ClientSampled :
CB726

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Quant Time: Mar 25 17:12:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 25 07:24:39 2020
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.345 ng/ul

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM025770.D

Acq: 25 Mar 2020 16:32

Instrument :

BNA_M

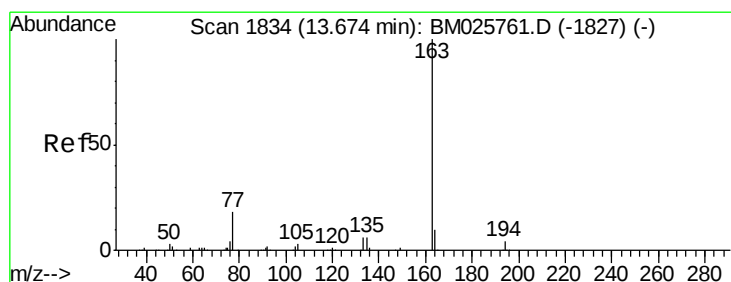
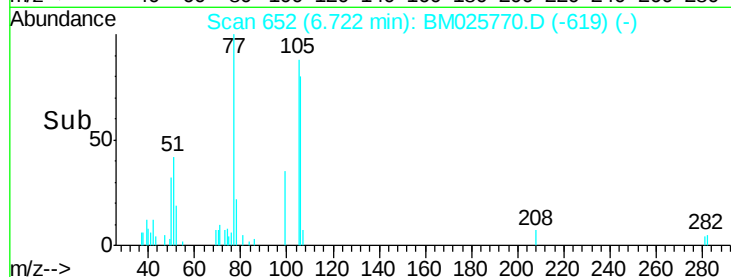
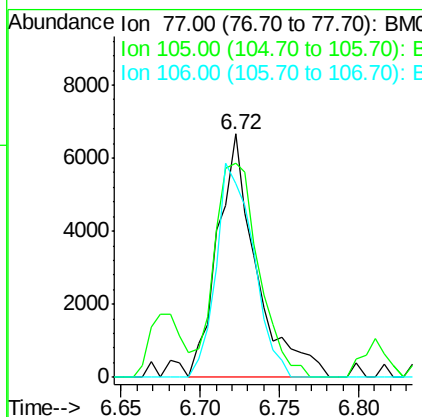
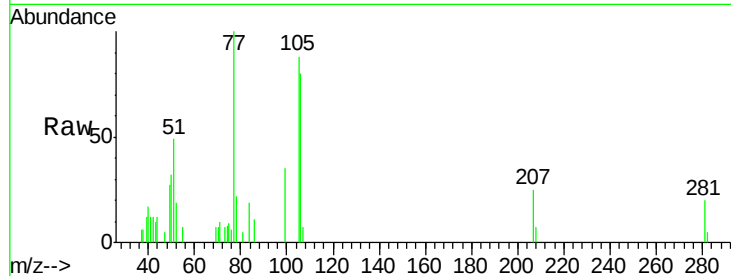
ClientSampleId :

CB726

Tot Ion	Ratio	Lower	Upper
77	100		
105	88.0	75.4	113.0
106	79.8	75.4	113.2

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#45

Dimethylphthalate

Concen: 5.441 ng/ul

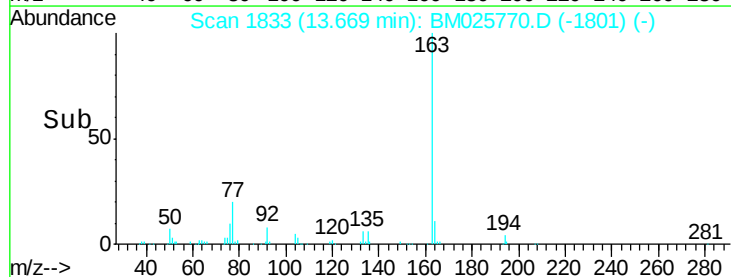
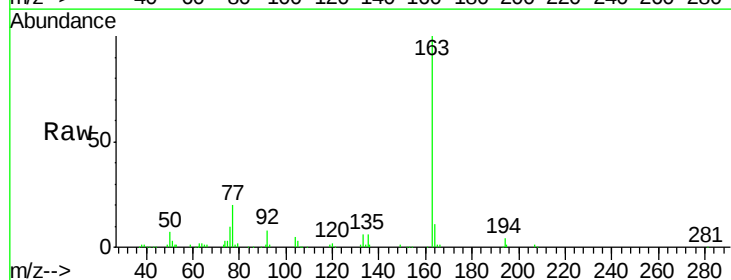
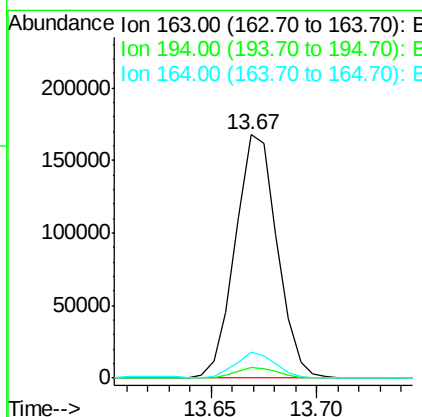
RT: 13.67 min Scan# 1833

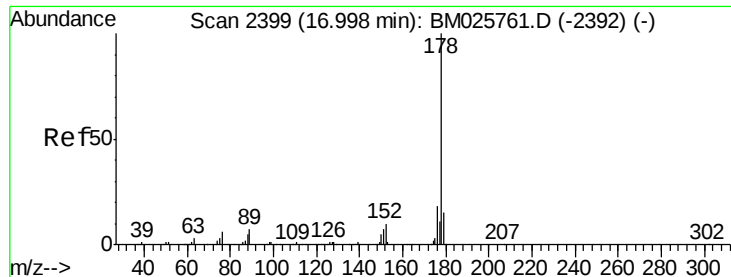
Delta R.T. -0.01 min

Lab File: BM025770.D

Acq: 25 Mar 2020 16:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.8	8.2	12.4





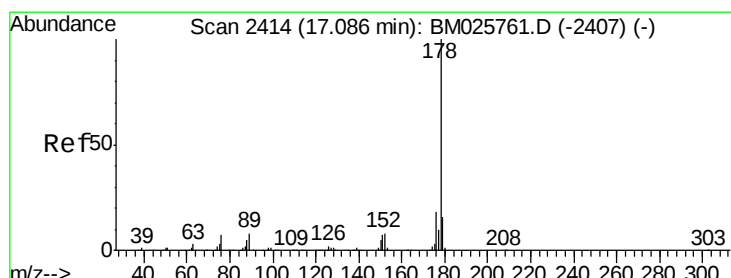
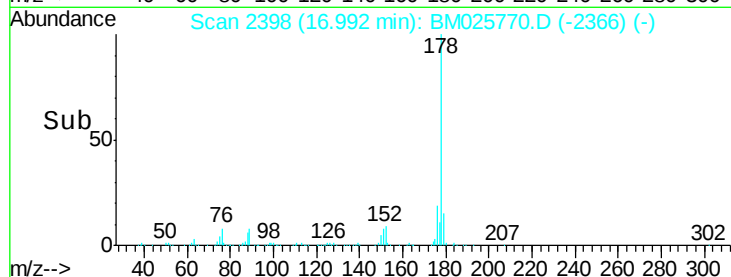
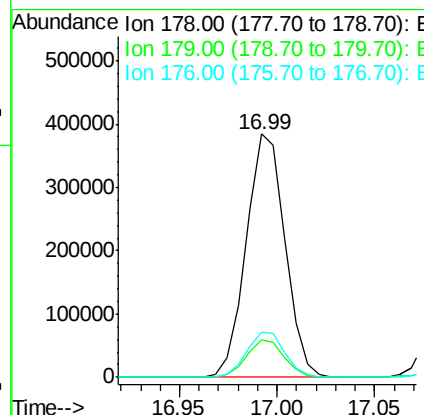
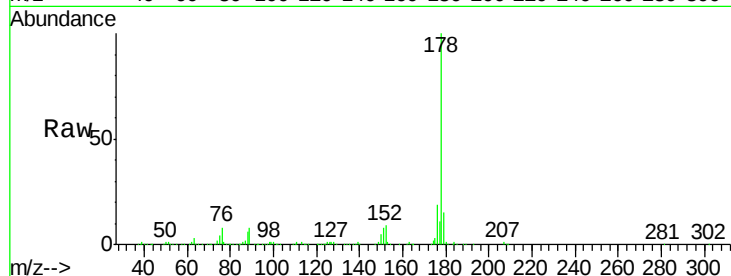
#70
Phenanthrene
Concen: 7.968 ng/ul
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM025770.D
Acq: 25 Mar 2020 16:32

Instrument :
BNA_M
ClientSampleId :
CB726

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.5	15.3	22.9

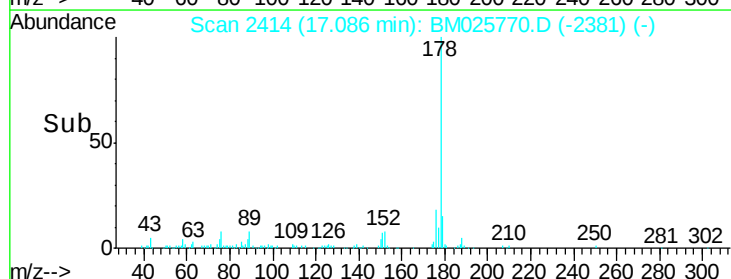
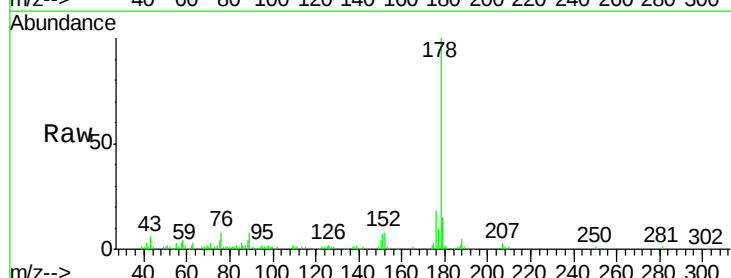
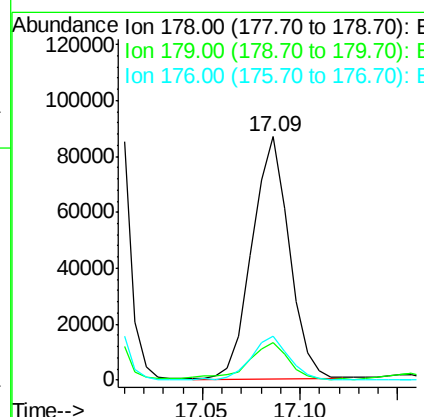
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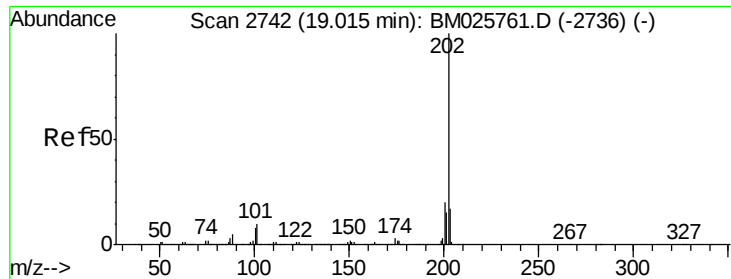
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#72
Anthracene
Concen: 1.699 ng/ul
RT: 17.09 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM025770.D
Acq: 25 Mar 2020 16:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.5	18.7
176	17.8	14.5	21.7





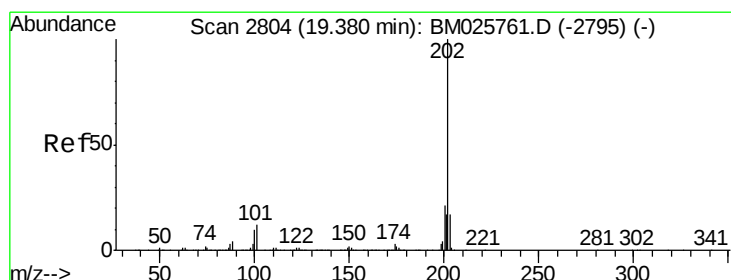
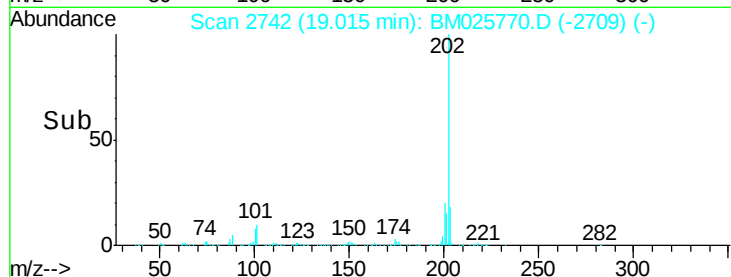
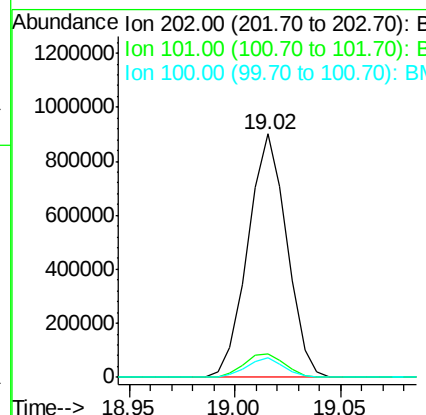
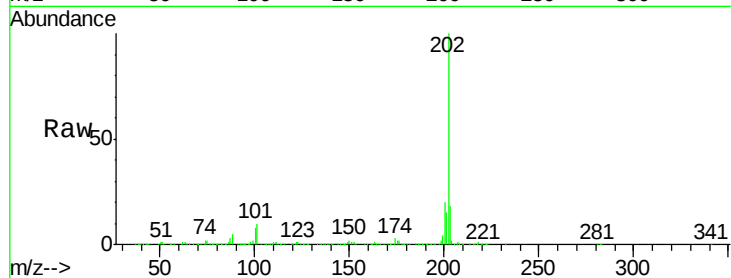
#77
Fluoranthene
 Concen: 14.729 ng/ul
 RT: 19.02 min Scan# 2742
 Delta R.T. -0.01 min
 Lab File: BM025770.D
 Acq: 25 Mar 2020 16:32

Instrument :
 BNA_M
 ClientSampleId :
 CB726

Tot Ion	Ion	Ratio	Lower	Upper
202	100			
101	9.8	8.2	12.4	
100	7.8	6.5	9.7	

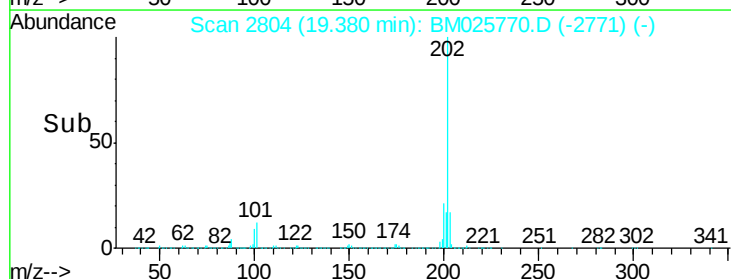
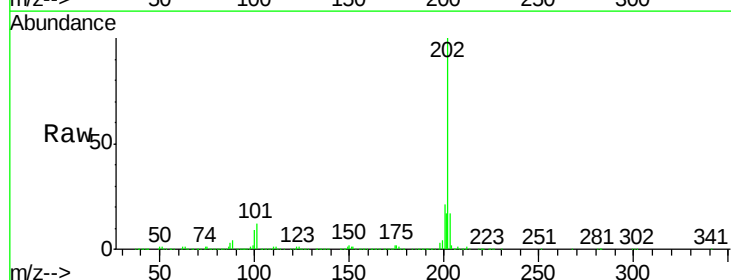
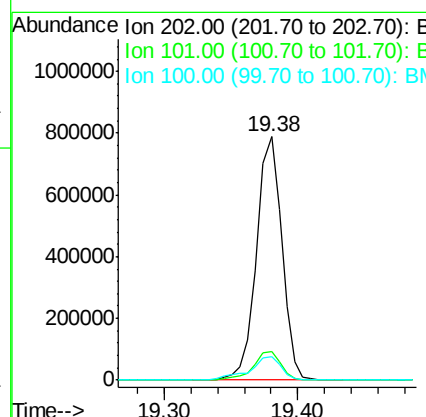
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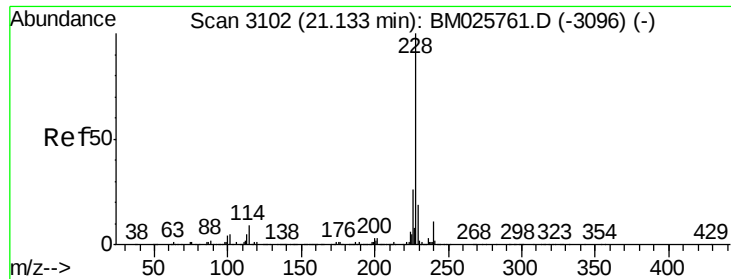
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#80
Pyrene
 Concen: 13.088 ng/ul
 RT: 19.38 min Scan# 2804
 Delta R.T. -0.01 min
 Lab File: BM025770.D
 Acq: 25 Mar 2020 16:32

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	11.8	8.9	13.3	
100	9.5	7.5	11.3	





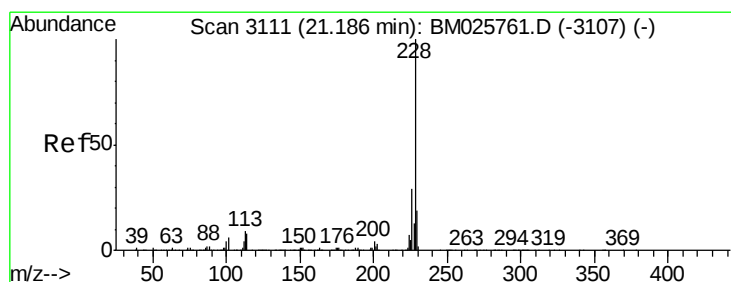
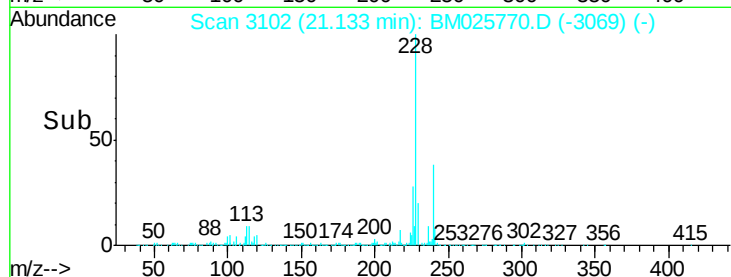
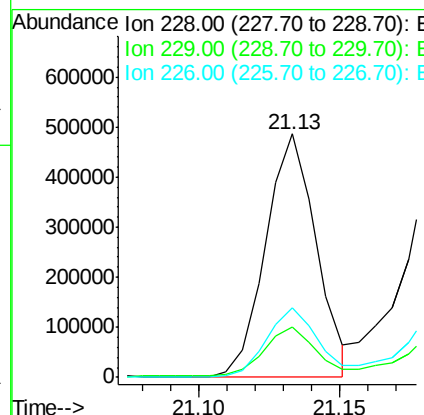
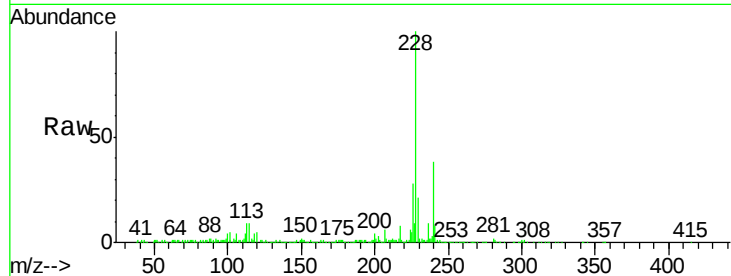
#83
Benzo(a)anthracene
Concen: 7.802 ng/ul
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM025770.D
Acq: 25 Mar 2020 16:32

Instrument :
BNA_M
ClientSampleId :
CB726

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.5	23.3
226	28.4	21.0	31.6

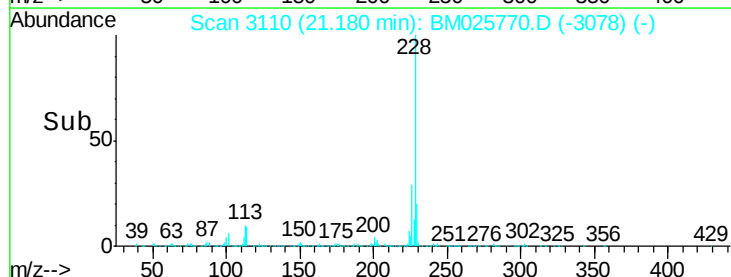
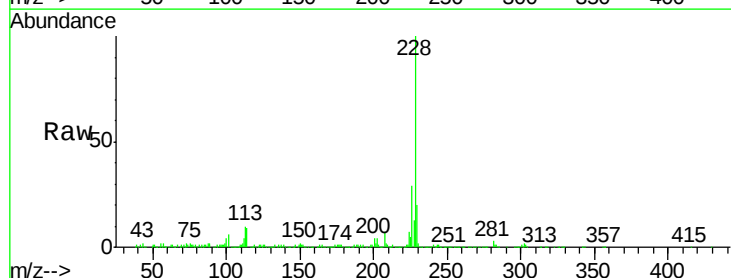
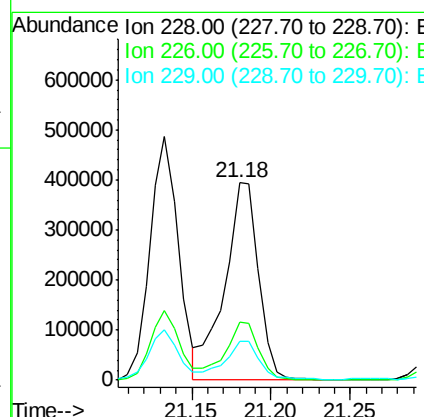
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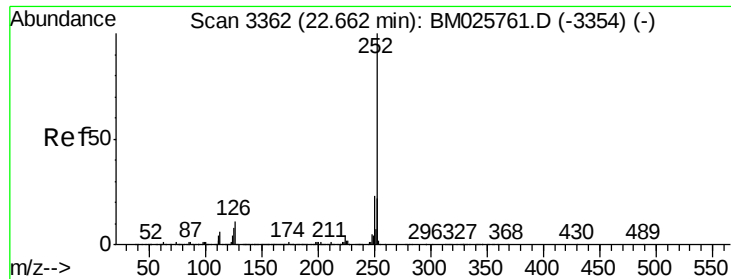
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#85
Chrysene
Concen: 7.696 ng/ul
RT: 21.18 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM025770.D
Acq: 25 Mar 2020 16:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.0
229	19.8	15.6	23.4





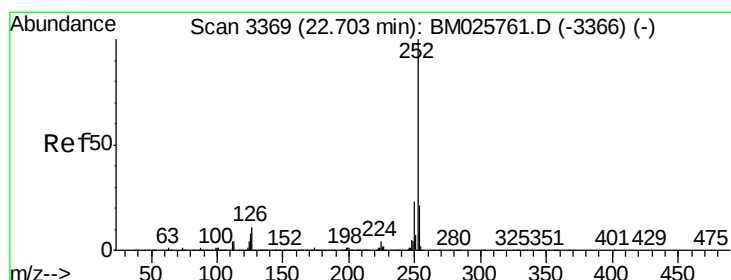
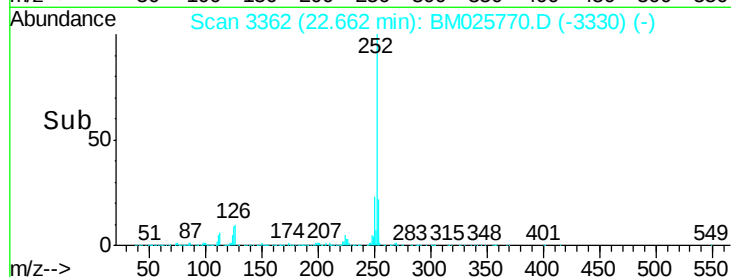
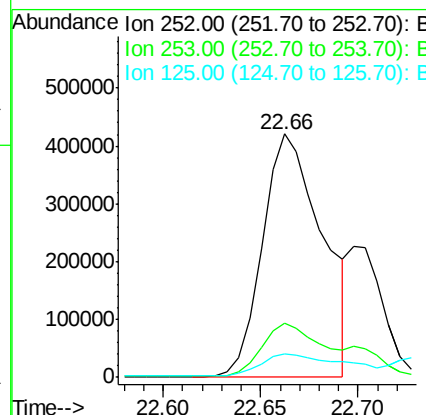
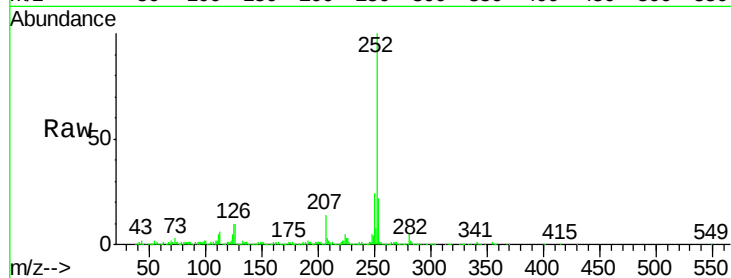
#88
Benzo(b)fluoranthene
Concen: 10.708 ng/ul
RT: 22.66 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM025770.D
Acq: 25 Mar 2020 16:32

Instrument :
BNA_M
ClientSampled :
CB726

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	9.7	6.7	10.1

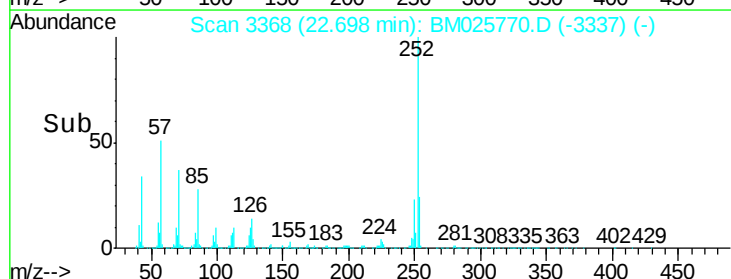
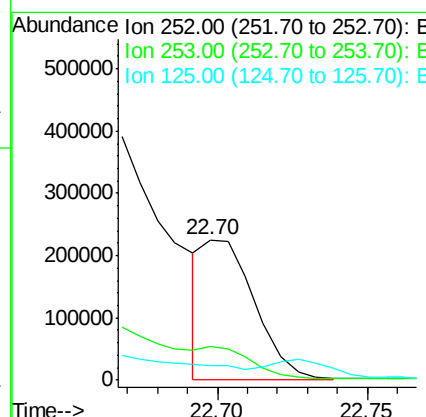
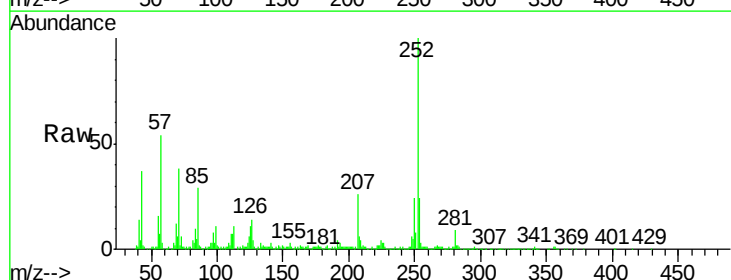
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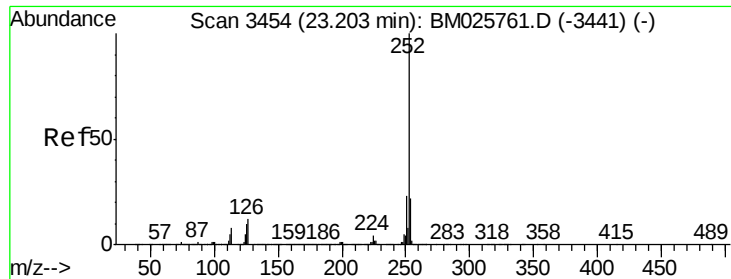
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#89
Benzo(k)fluoranthene
Concen: 3.300 ng/ul m
RT: 22.70 min Scan# 3368
Delta R.T. -0.02 min
Lab File: BM025770.D
Acq: 25 Mar 2020 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	10.7	6.9	10.3#





#91

Benzo(a)pyrene

Concen: 7.379 ng/ul

RT: 23.20 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BM025770.D

Acq: 25 Mar 2020 16:32

Instrument :

BNA_M

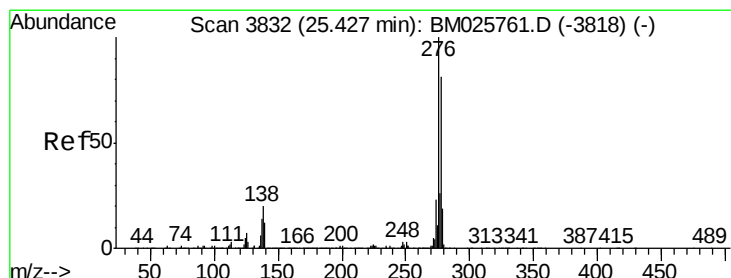
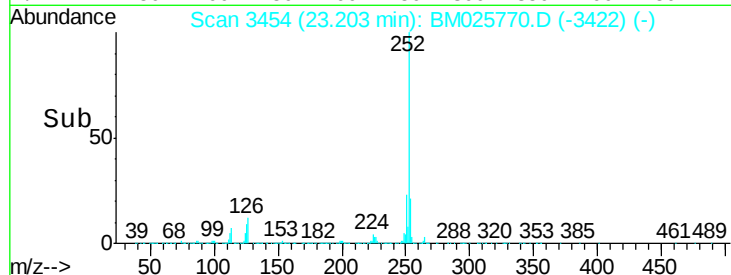
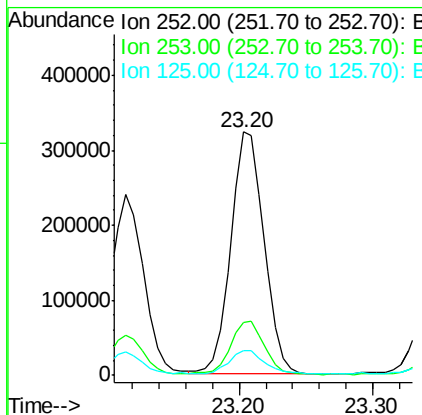
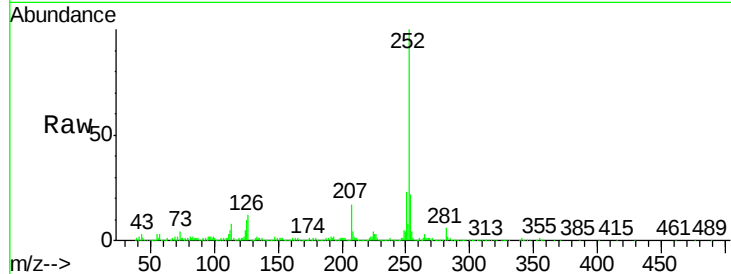
ClientSampleId :

CB726

Tot Ion:	252	Resp:	559209
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.0	25.6
125	10.0	7.1	10.7

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#92

Indeno(1,2,3-cd)pyrene

Concen: 4.409 ng/ul

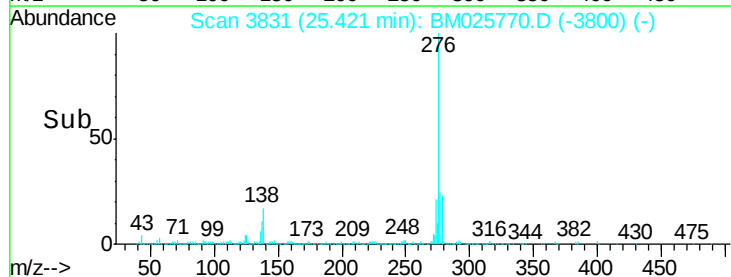
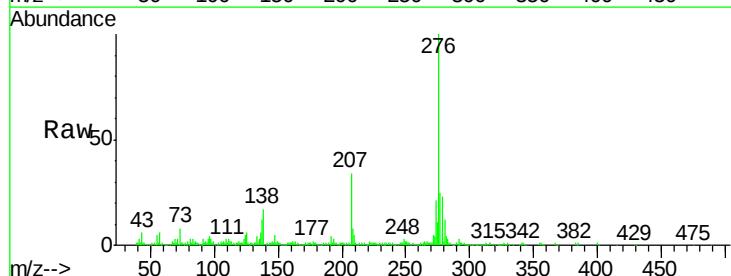
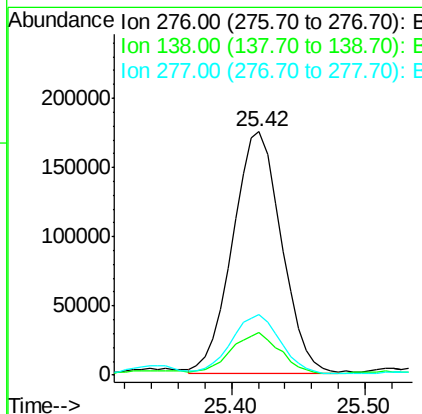
RT: 25.42 min Scan# 3831

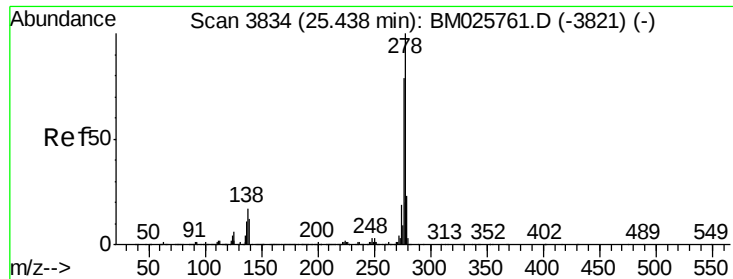
Delta R.T. -0.02 min

Lab File: BM025770.D

Acq: 25 Mar 2020 16:32

Tgt Ion:	276	Resp:	441269
Ion Ratio	Lower	Upper	
276	100		
138	17.5	16.5	24.7
277	25.0	19.7	29.5





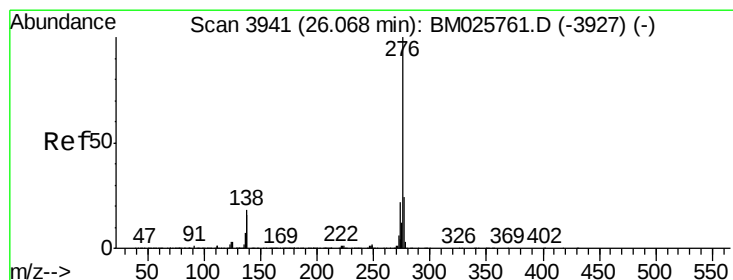
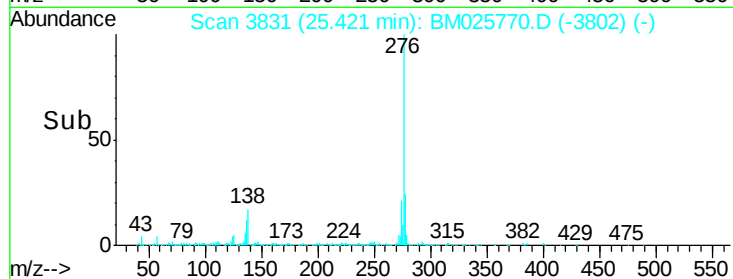
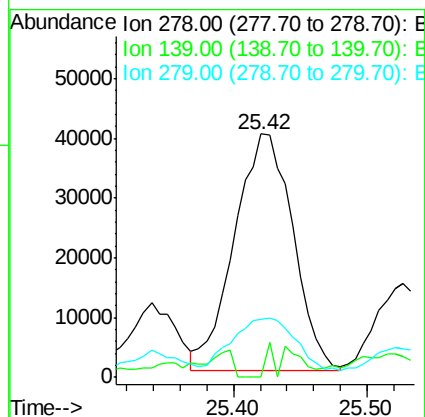
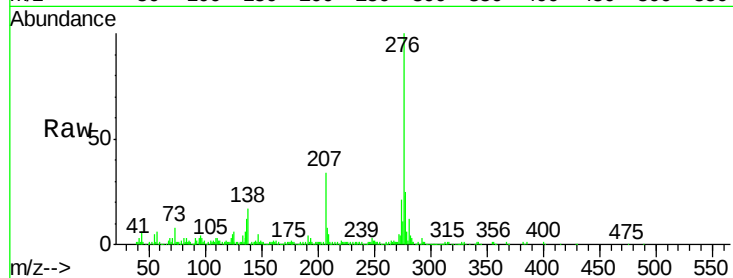
#93
Dibenzo(a,h)anthracene
Concen: 1.422 ng/ul
RT: 25.42 min Scan# 3831
Delta R.T. -0.03 min
Lab File: BM025770.D
Acq: 25 Mar 2020 16:32

Instrument :
BNA_M
ClientSampleId :
CB726

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.4	15.6#
279	24.0	18.6	28.0

Manual Integrations
APPROVED

mohammad
3/27/2020 8:15:04 AM



#94
Benzo(g,h,i)perylene
Concen: 3.706 ng/ul
RT: 26.06 min Scan# 3940
Delta R.T. -0.02 min
Lab File: BM025770.D
Acq: 25 Mar 2020 16:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	13.2	19.8
277	23.8	19.0	28.4

