

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
 Data File : BM026996.D
 Acq On : 04 Aug 2020 09:43
 Operator : JU/CG
 Sample : L3424-16DL 25X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C0S91DL

Manual Integrations
 APPROVED

mohammad
 8/5/2020 10:26:41 AM

Quant Time: Aug 04 12:34:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 04 10:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	97023	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	376960	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	228450	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	454786	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	464305	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	460173	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	322	0.15	ng/uL	0.00
5) Phenol-d5	6.83	99	10539	1.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	7839	1.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	7682	1.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	7582	1.16	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	4105	1.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	3668	1.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	7165	1.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	4541	0.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	23739	1.33	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	29964	1.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	1207	0.40	ng/ul	0.00
58) Fluorene-d10	15.29	176	20402	1.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	1111	0.55	ng/ul	0.00
71) Anthracene-d10	17.13	188	34594m	1.52	ng/ul	0.00
79) Pyrene-d10	19.43	212	35447	1.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	36310	1.40	ng/ul	0.00

Target Compounds

					Ovalue
48) Acenaphthylene	14.01	152	116198	5.017	ng/ul 99
70) Phenanthrene	17.07	178	165233	5.985	ng/ul 99
72) Anthracene	17.16	178	226078	7.968	ng/ul 99
75) Carbazole	17.43	167	28959	1.155	ng/ul 98
77) Fluoranthene	19.09	202	830475	25.478	ng/ul 99
80) Pyrene	19.46	202	787241	23.305	ng/ul 97
83) Benzo(a)anthracene	21.21	228	439619	13.737	ng/ul 94
85) Chrysene	21.26	228	570762	18.289	ng/ul 99
88) Benzo(b)fluoranthene	22.77	252	1078567	32.764	ng/ul 99
89) Benzo(k)fluoranthene	22.81	252	303844m	9.619	ng/ul
91) Benzo(a)pyrene	23.33	252	342671	11.536	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.64	276	400489	10.868	ng/ul 94
93) Dibenzo(a,h)anthracene	25.64	278	107983	3.465	ng/ul# 87
94) Benzo(g,h,i)perylene	26.30	276	132963	4.364	ng/ul 99

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

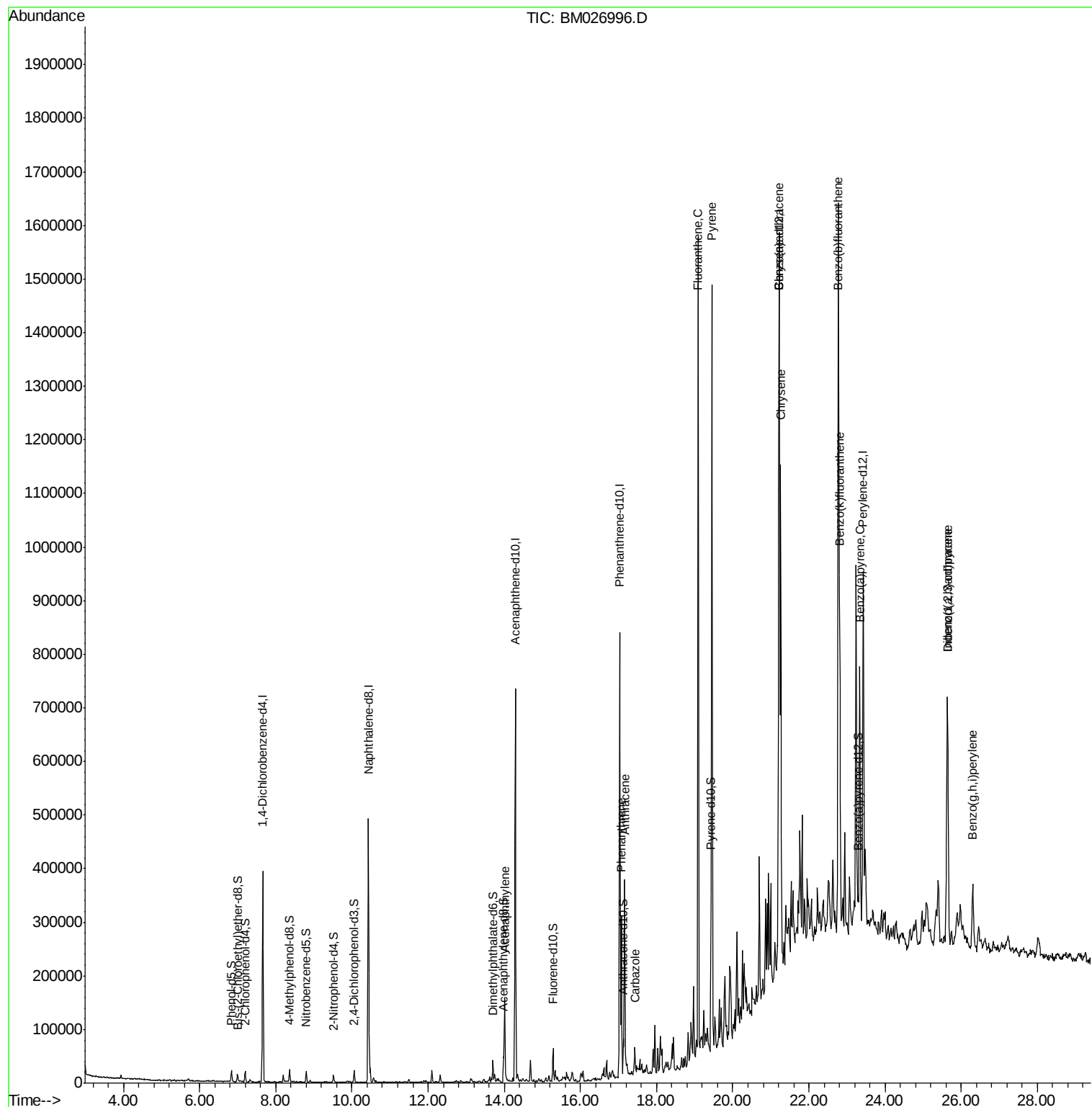
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026996.D
Acq On : 04 Aug 2020 09:43
Operator : JU/CG
Sample : L3424-16DL 25X
Misc :
ALS Vial : 23 Sample Multiplier: 1

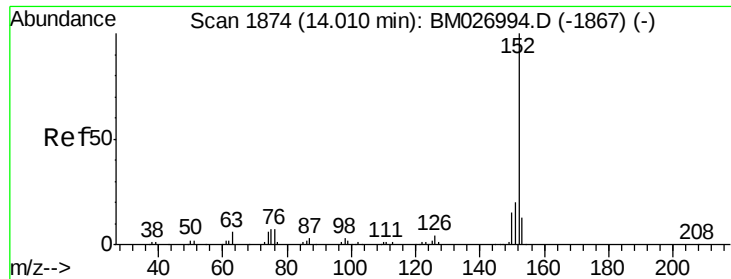
Instrument :
BNA_M
ClientSampleId :
C0S91DL

Quant Time: Aug 04 12:34:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 10:59:09 2020
Response via : Initial Calibration

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#48

Acenaphthylene

Concen: 5.017 ng/ul

RT: 14.01 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM026996.D

Acq: 04 Aug 2020 09:43

Instrument :

BNA_M

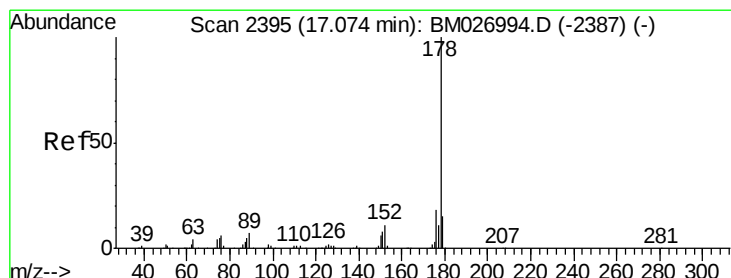
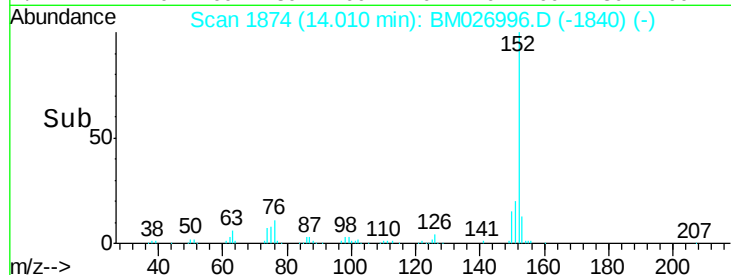
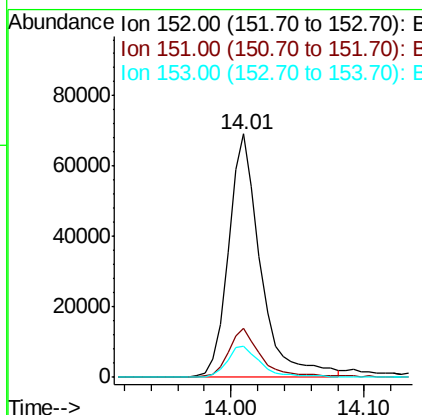
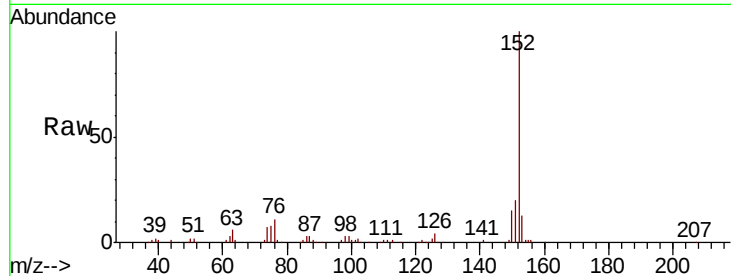
ClientSampleId :

C0S91DL

Tot Ion:	152	Resp:	116198
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.6
153	13.0	10.7	16.1

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#70

Phenanthrene

Concen: 5.985 ng/ul

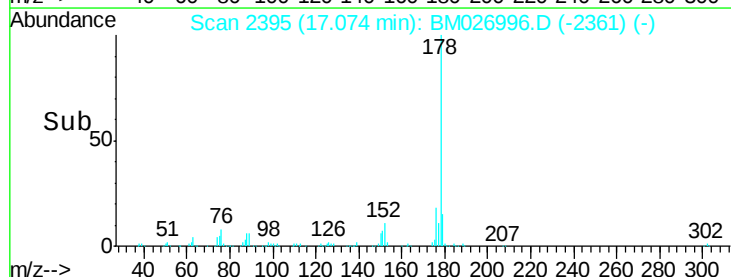
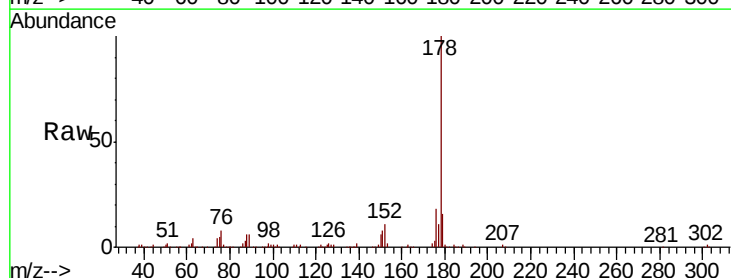
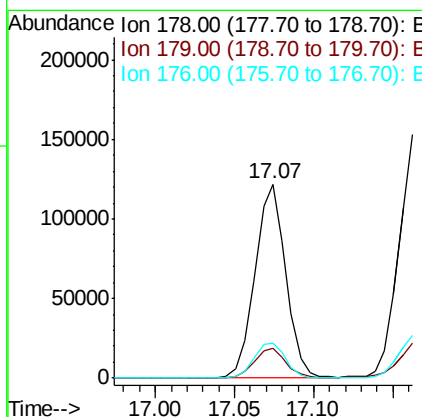
RT: 17.07 min Scan# 2395

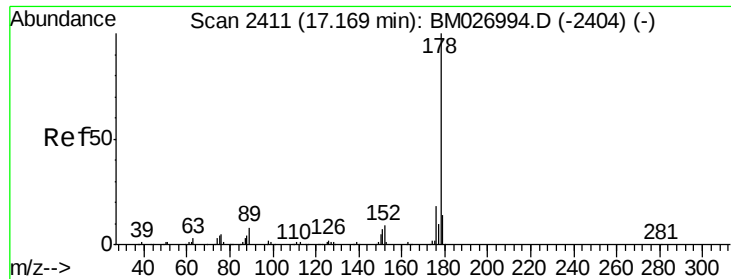
Delta R.T. -0.00 min

Lab File: BM026996.D

Acq: 04 Aug 2020 09:43

Tgt Ion:	178	Resp:	165233
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.0	18.0
176	17.8	14.7	22.1





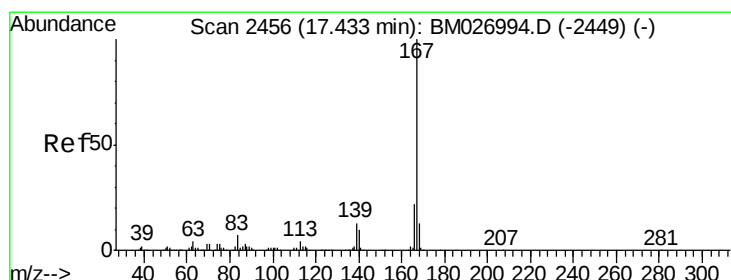
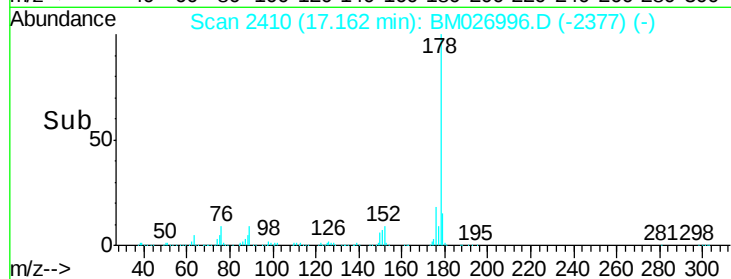
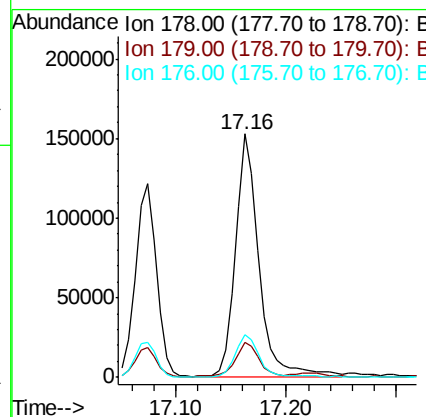
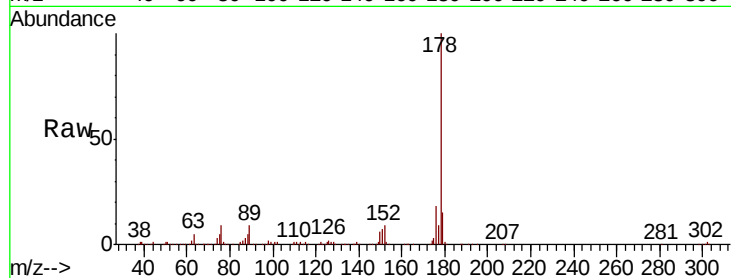
#72
 Anthracene
 Concen: 7.968 ng/ul
 RT: 17.16 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BM026996.D
 Acq: 04 Aug 2020 09:43

Instrument :
 BNA_M
 ClientSampleId :
 C0S91DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.6	11.8	17.6
176	17.8	15.0	22.6

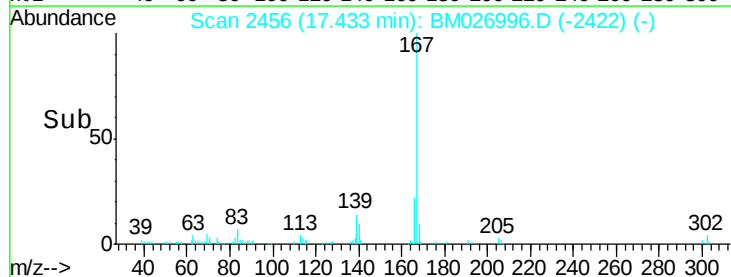
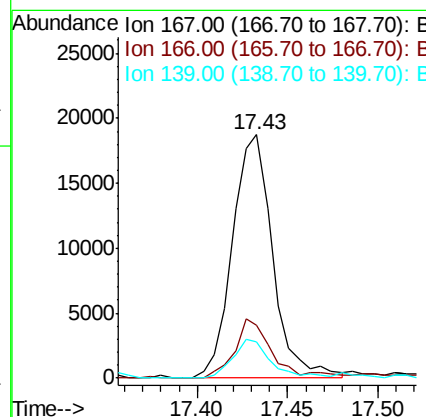
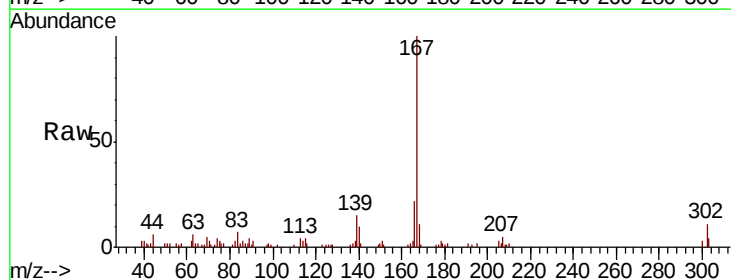
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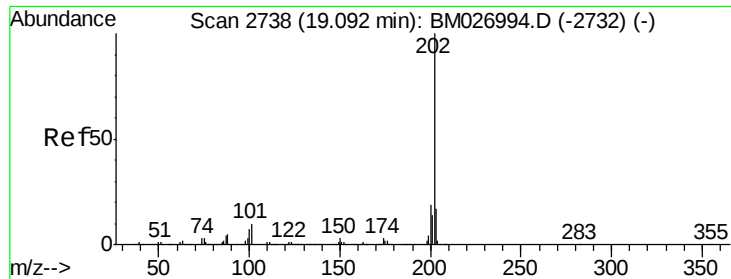
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#75
 Carbazole
 Concen: 1.155 ng/ul
 RT: 17.43 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BM026996.D
 Acq: 04 Aug 2020 09:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	14.8	10.1	15.1





#77

Fluoranthene

Concen: 25.478 ng/ul

RT: 19.09 min Scan# 2738

Delta R.T. -0.00 min

Lab File: BM026996.D

Acq: 04 Aug 2020 09:43

Instrument :

BNA_M

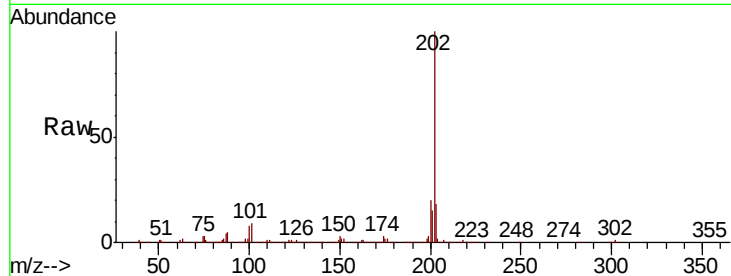
ClientSampleId :

C0S91DL

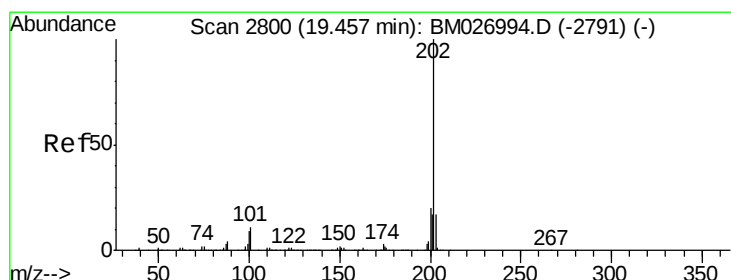
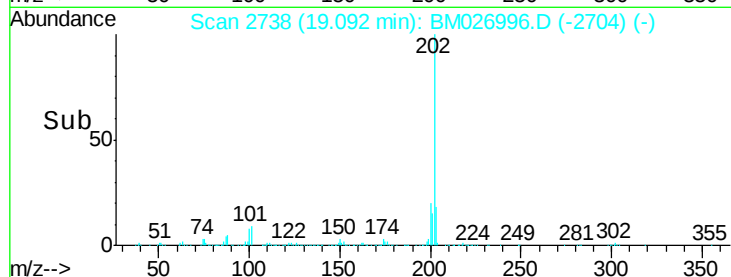
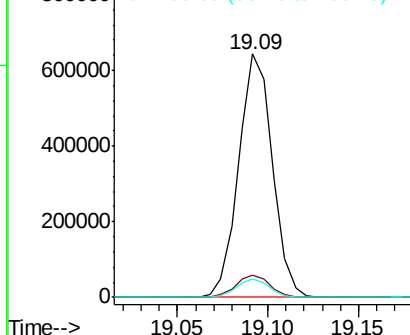
Tot Ion:	202	Resp:	830475
Ion Ratio	Lower	Upper	
202	100		
101	9.2	7.7	11.5
100	7.7	6.2	9.4

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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



#80

Pyrene

Concen: 23.305 ng/ul

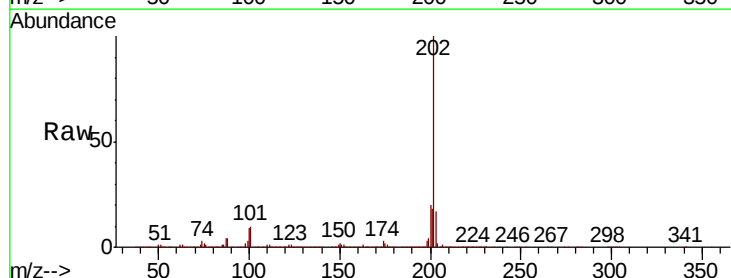
RT: 19.46 min Scan# 2800

Delta R.T. -0.00 min

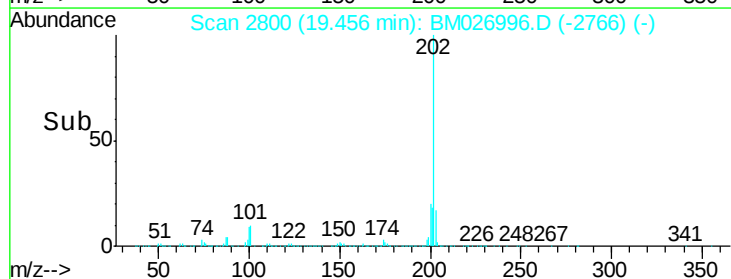
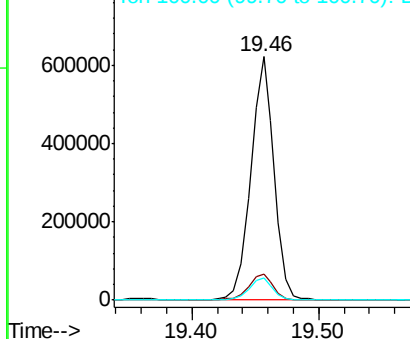
Lab File: BM026996.D

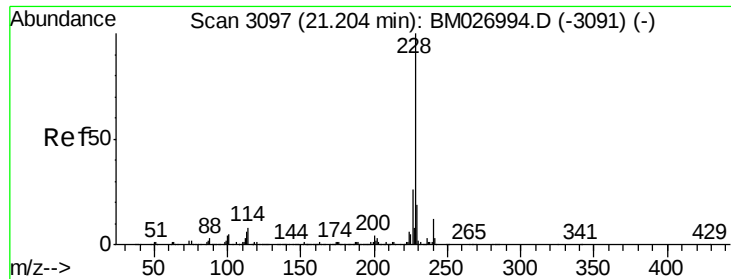
Acq: 04 Aug 2020 09:43

Tgt Ion:	202	Resp:	787241
Ion Ratio	Lower	Upper	
202	100		
101	10.5	9.4	14.2
100	9.1	8.2	12.4



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





#83

Benzo(a)anthracene

Concen: 13.737 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.01 min

Lab File: BM026996.D

Acq: 04 Aug 2020 09:43

Instrument :

BNA_M

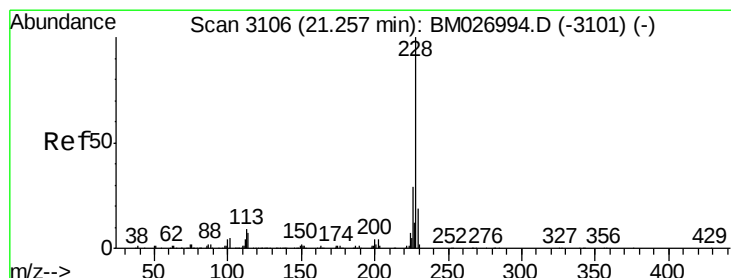
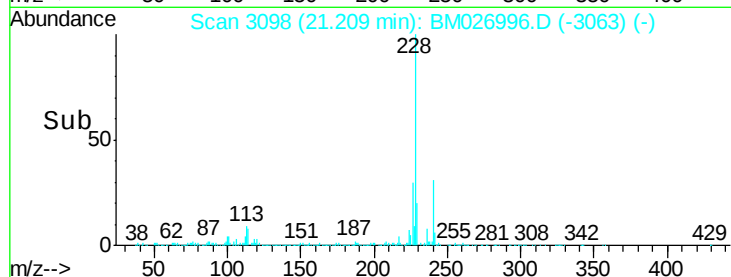
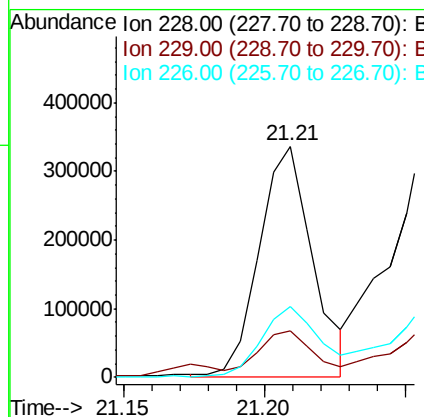
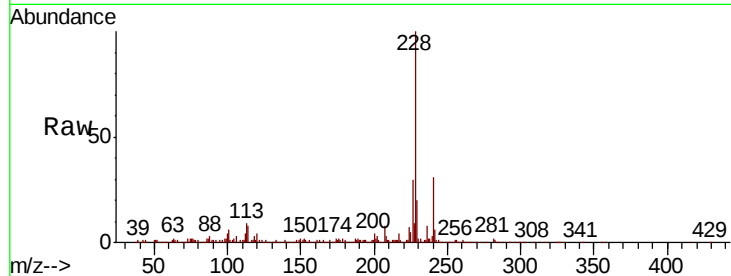
ClientSampleID :

C0S91DL

Tot Ion:	228	Resp:	439619
Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.2
226	30.5	20.9	31.3

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#85

Chrysene

Concen: 18.289 ng/ul

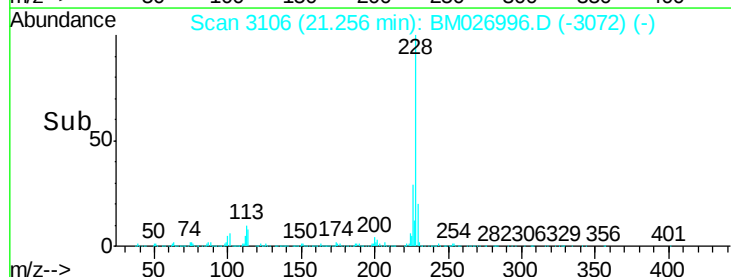
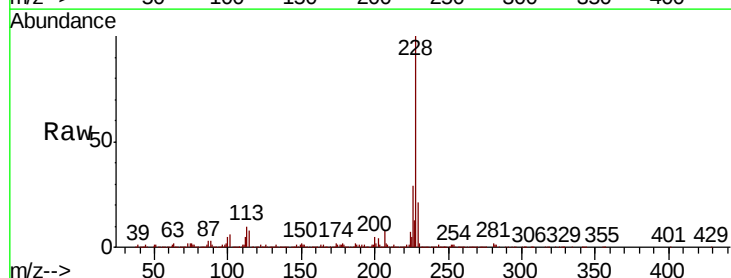
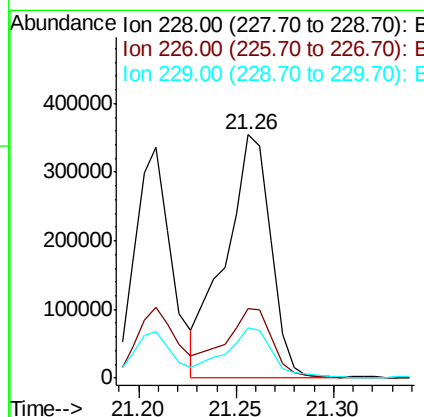
RT: 21.26 min Scan# 3106

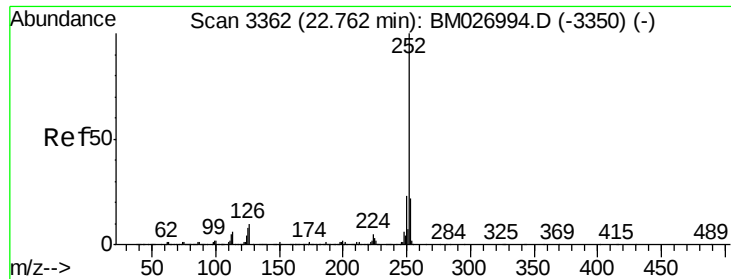
Delta R.T. -0.00 min

Lab File: BM026996.D

Acq: 04 Aug 2020 09:43

Tgt Ion:	228	Resp:	570762
Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.2	34.8
229	20.5	15.5	23.3





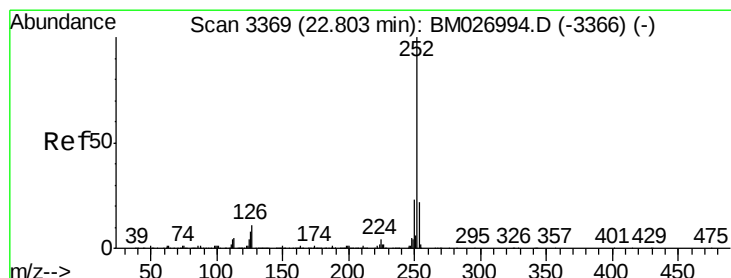
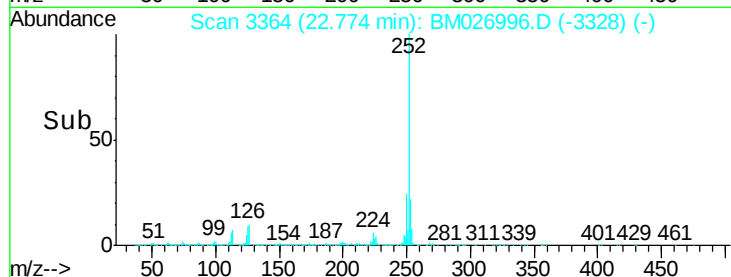
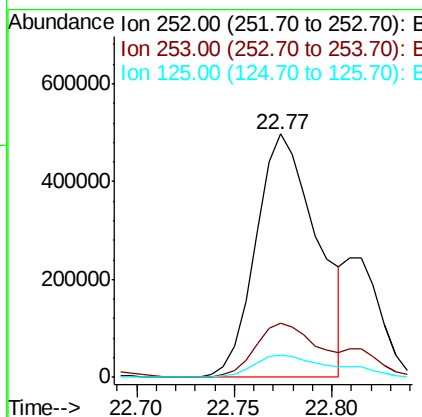
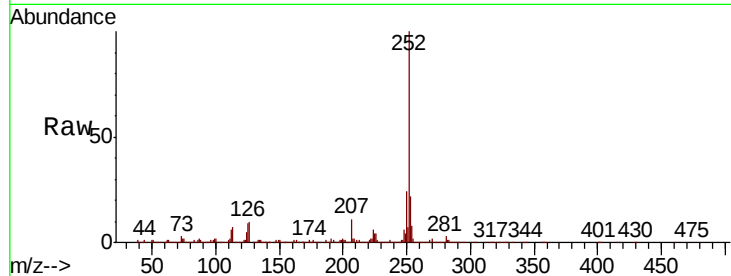
#88
Benzo(b)fluoranthene
Concen: 32.764 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BM026996.D
Acq: 04 Aug 2020 09:43

Instrument :
BNA_M
ClientSampleId :
C0S91DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.2	6.6	10.0

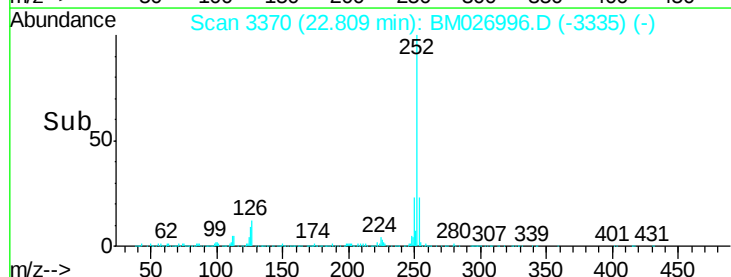
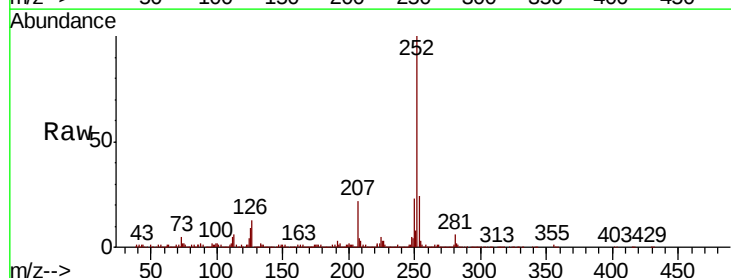
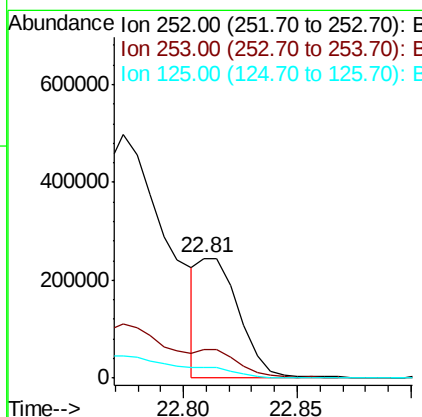
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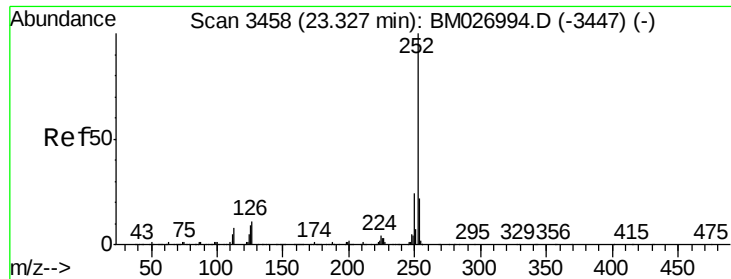
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#89
Benzo(k)fluoranthene
Concen: 9.619 ng/ul m
RT: 22.81 min Scan# 3370
Delta R.T. 0.01 min
Lab File: BM026996.D
Acq: 04 Aug 2020 09:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	9.0	7.3	10.9





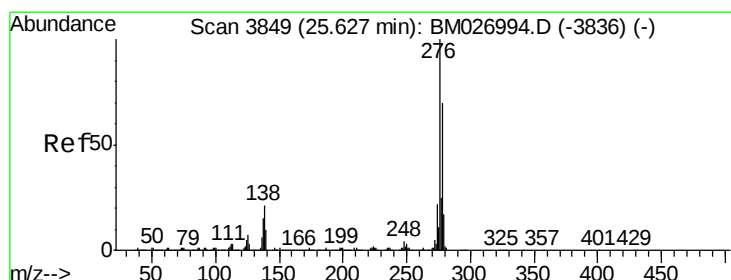
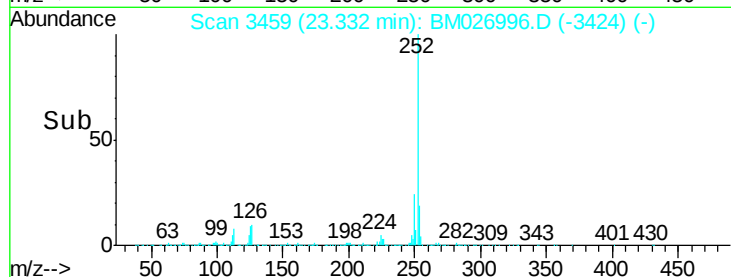
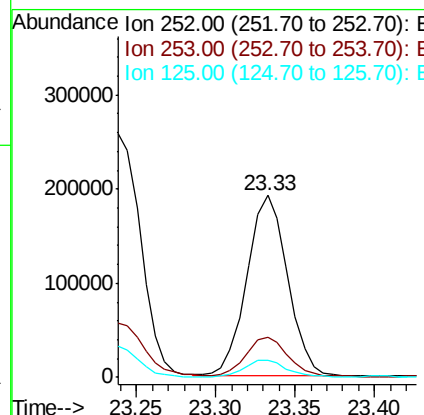
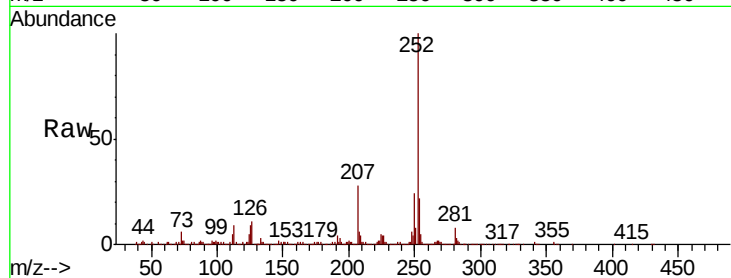
#91
Benzo(a)pyrene
Concen: 11.536 ng/ul
RT: 23.33 min Scan# 3459
Delta R.T. 0.01 min
Lab File: BM026996.D
Acq: 04 Aug 2020 09:43

Instrument :
BNA_M
ClientSampleId :
C0S91DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.1	8.2	12.2

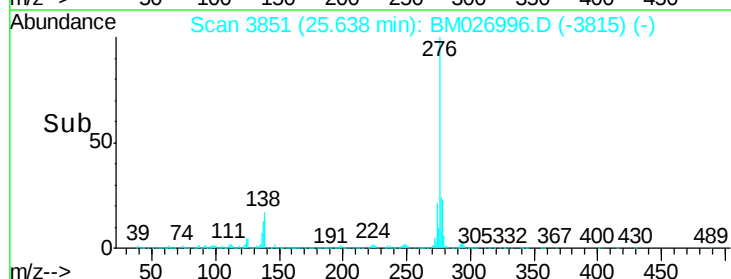
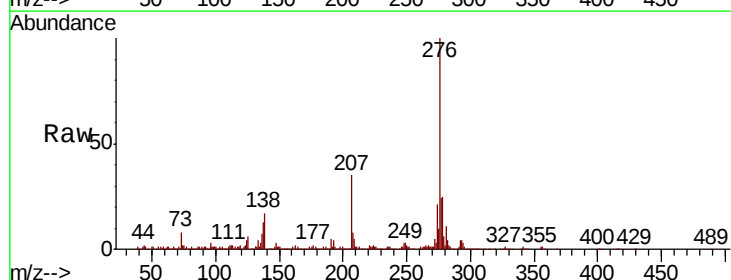
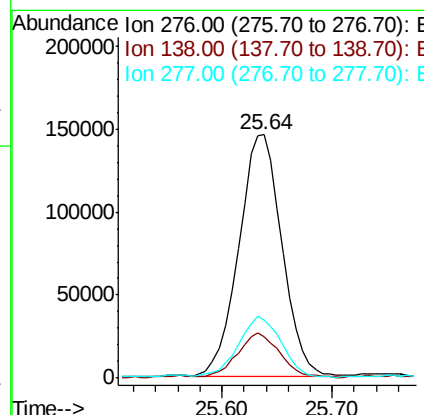
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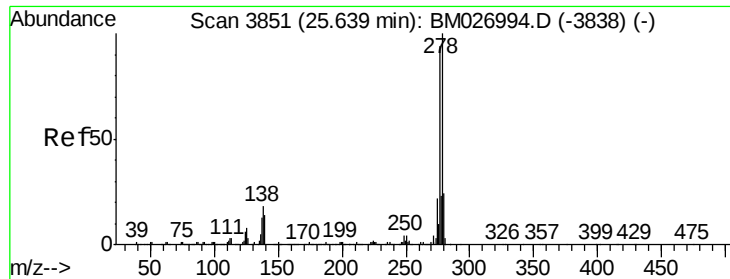
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#92
Indeno(1,2,3-cd)pyrene
Concen: 10.868 ng/ul
RT: 25.64 min Scan# 3851
Delta R.T. 0.01 min
Lab File: BM026996.D
Acq: 04 Aug 2020 09:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	17.0	25.4
277	24.0	20.6	30.8





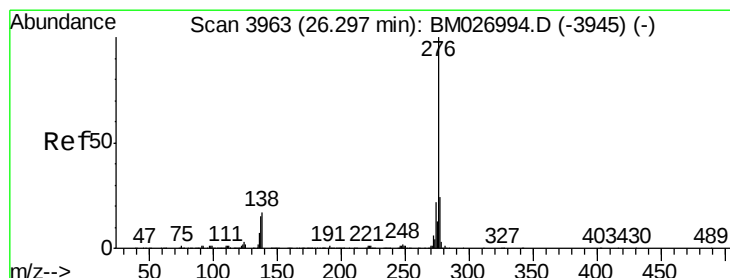
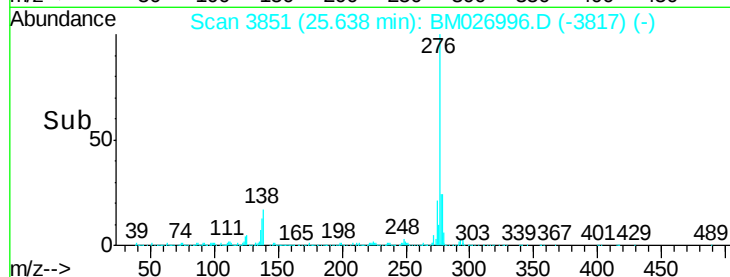
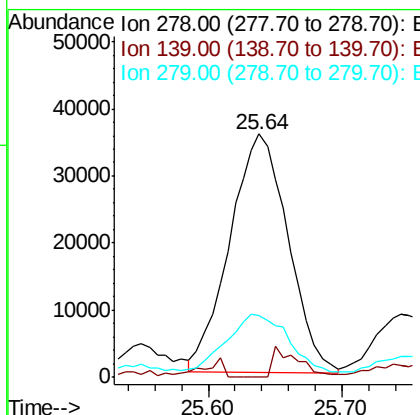
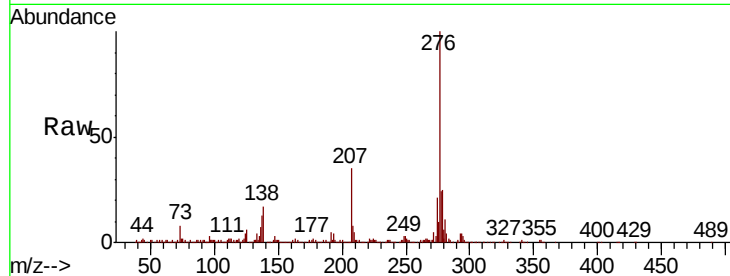
#93
Dibenzo(a,h)anthracene
Concen: 3.465 ng/ul
RT: 25.64 min Scan# 3851
Delta R.T. -0.00 min
Lab File: BM026996.D
Acq: 04 Aug 2020 09:43

Instrument :
BNA_M
ClientSampleId :
C0S91DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.9	16.3#
279	25.2	19.4	29.2

Manual Integrations
APPROVED

mohammad
8/5/2020 10:26:41 AM



#94
Benzo(g,h,i)perylene
Concen: 4.364 ng/ul
RT: 26.30 min Scan# 3964
Delta R.T. 0.01 min
Lab File: BM026996.D
Acq: 04 Aug 2020 09:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.6	14.9	22.3
277	23.8	19.1	28.7

