

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
 Data File : BM026162.D
 Acq On : 28 May 2020 18:36
 Operator : MA/SJ
 Sample : L2785-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB7D5

Manual Integrations
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mohammad
 5/29/2020 10:29:55 PM

Quant Time: May 28 19:12:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 28 11:12:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	142406	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	587604	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	340281	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	713910	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	789045	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	853063	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	18434	3.90	ng/uL	0.00
5) Phenol-d5	6.67	99	342291	26.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	240020	26.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	257607	25.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	256798	26.38	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	125606	26.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	129211	27.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	240950	25.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	316037	32.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	706039	25.87	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	856569	26.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	100199	20.74	ng/ul	0.00
58) Fluorene-d10	15.13	176	628101	26.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	76076	18.28	ng/ul	0.00
71) Anthracene-d10	16.97	188	932640	26.51	ng/ul	0.00
79) Pyrene-d10	19.27	212	1091300	26.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1261100	27.77	ng/ul	0.00

Target Compounds							Ovalue
4) Benzaldehyde	6.65	77	8534	1.015	ng/ul		93
70) Phenanthrene	16.92	178	432420	9.616	ng/ul		99
72) Anthracene	17.00	178	85111	1.886	ng/ul		99
77) Fluoranthene	18.94	202	598545	12.689	ng/ul		99
80) Pyrene	19.30	202	520154	9.390	ng/ul		96
83) Benzo(a)anthracene	21.06	228	310963	5.718	ng/ul		99
85) Chrysene	21.11	228	287634	5.321	ng/ul		97
88) Benzo(b)fluoranthene	22.57	252	346181	6.000	ng/ul		97
89) Benzo(k)fluoranthene	22.60	252	140358m	2.435	ng/ul		
91) Benzo(a)pyrene	23.10	252	234782	4.624	ng/ul		99
92) Indeno(1,2,3-cd)pyrene	25.27	276	146529	2.223	ng/ul#		93
94) Benzo(g,h,i)perylene	25.89	276	89630	1.629	ng/ul		98

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

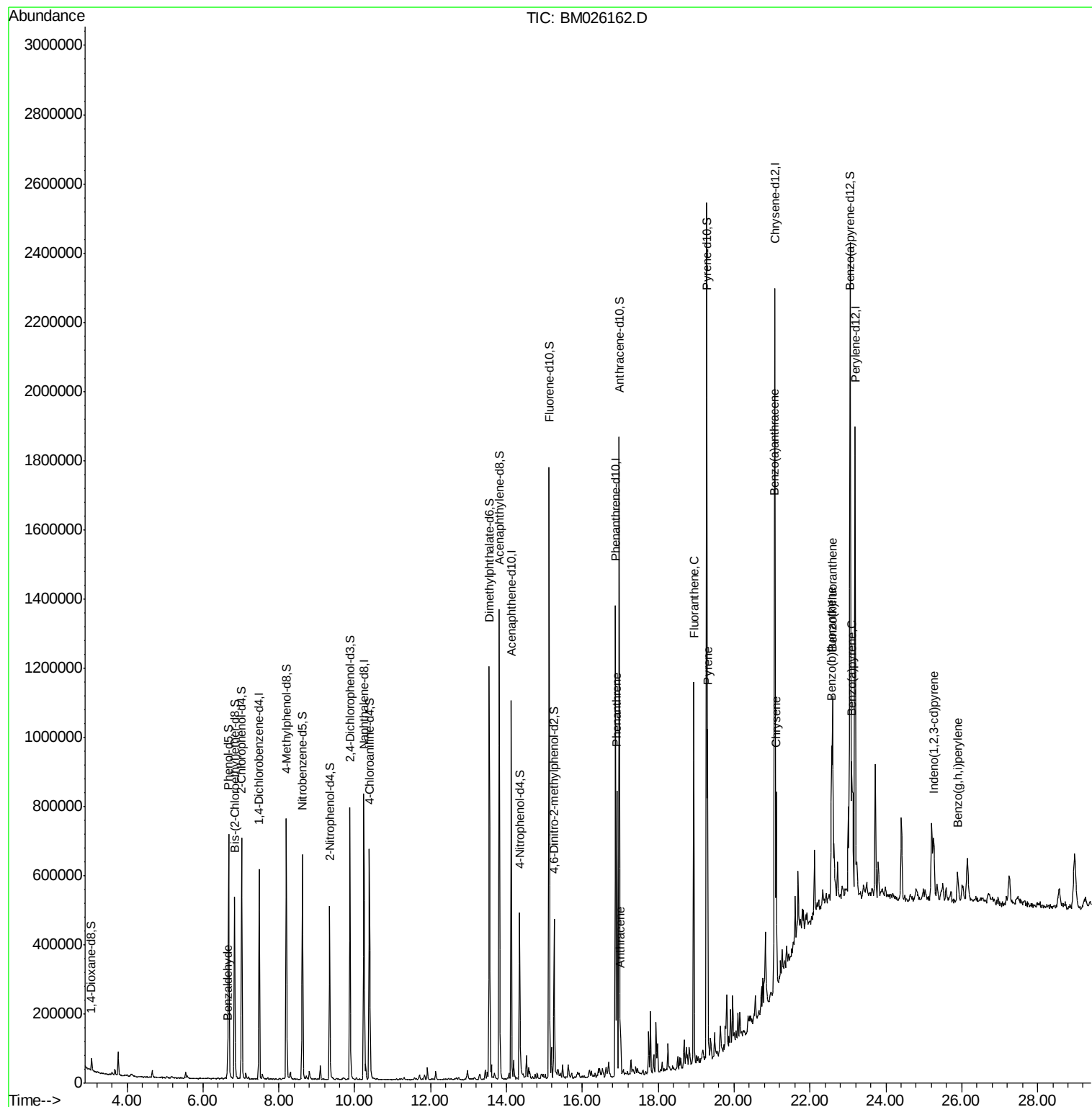
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052820\
Data File : BM026162.D
Acq On : 28 May 2020 18:36
Operator : MA/SJ
Sample : L2785-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

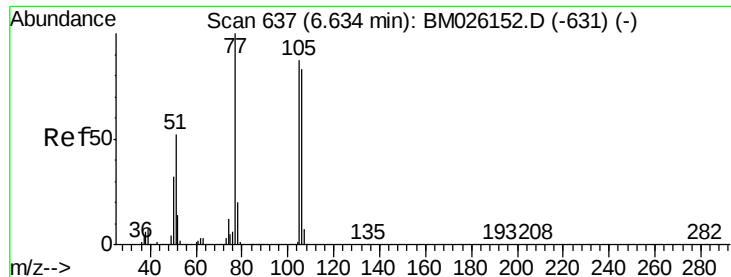
Instrument :
BNA_M
ClientSampleId :
CB7D5

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Quant Time: May 28 19:12:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 28 11:12:05 2020
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.015 ng/ul

RT: 6.65 min Scan# 639

Delta R.T. 0.01 min

Lab File: BM026162.D

Acq: 28 May 2020 18:36

Instrument :

BNA_M

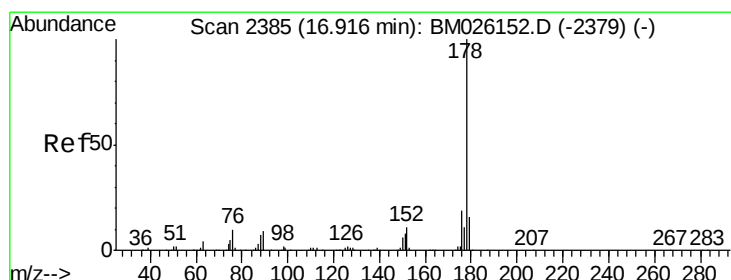
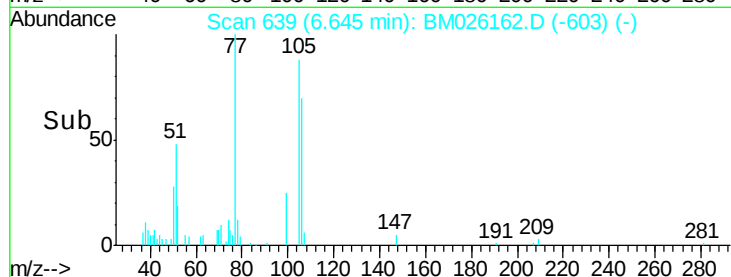
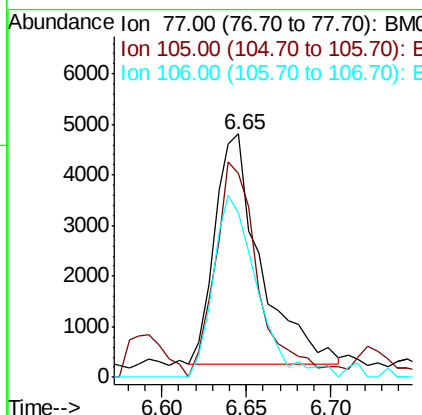
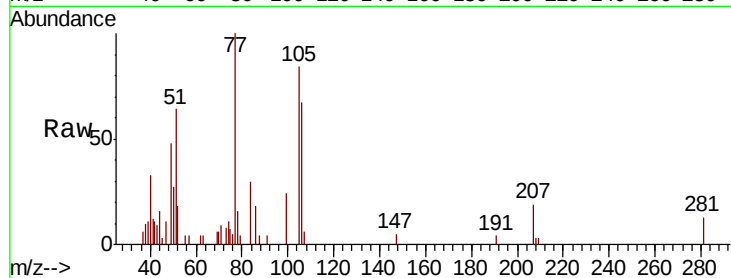
ClientSampleId :

CB7D5

Tot Ion:	77	Resp:	8534
Ion	Ratio	Lower	Upper
77	100		
105	83.8	68.6	102.8
106	67.4	63.4	95.0

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#70

Phenanthrene

Concen: 9.616 ng/ul

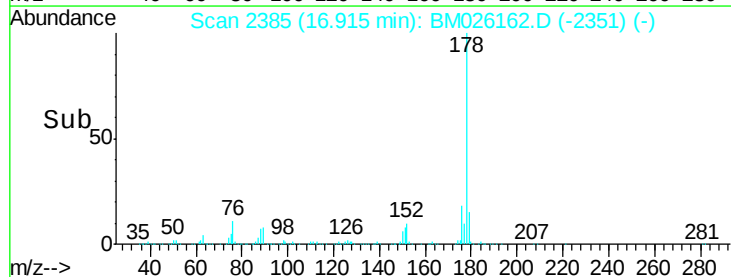
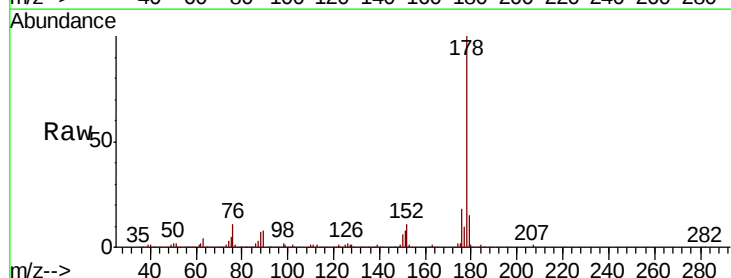
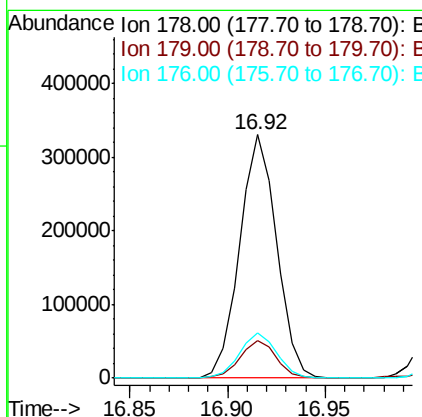
RT: 16.92 min Scan# 2385

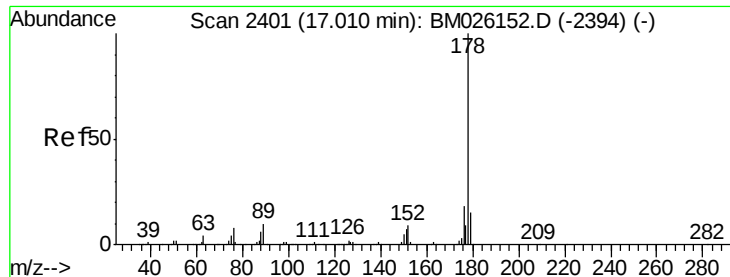
Delta R.T. -0.00 min

Lab File: BM026162.D

Acq: 28 May 2020 18:36

Tgt Ion:	178	Resp:	432420
Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.9	17.9
176	18.4	14.9	22.3





#72

Anthracene

Concen: 1.886 ng/ul

RT: 17.00 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM026162.D

Acq: 28 May 2020 18:36

Instrument :

BNA_M

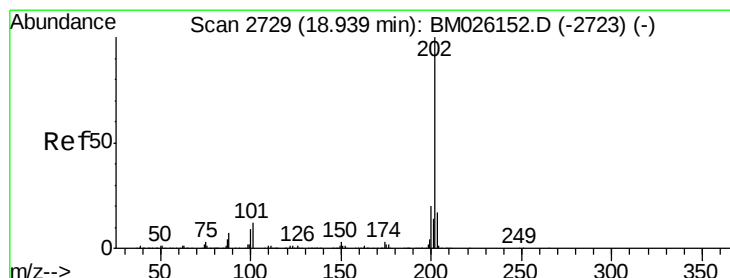
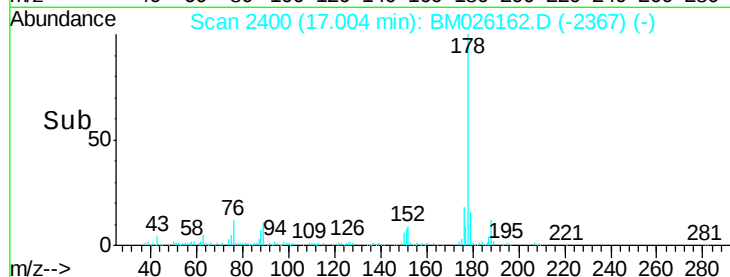
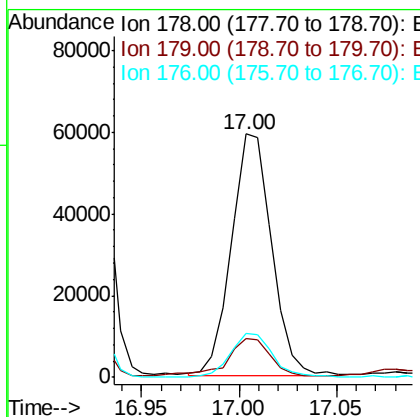
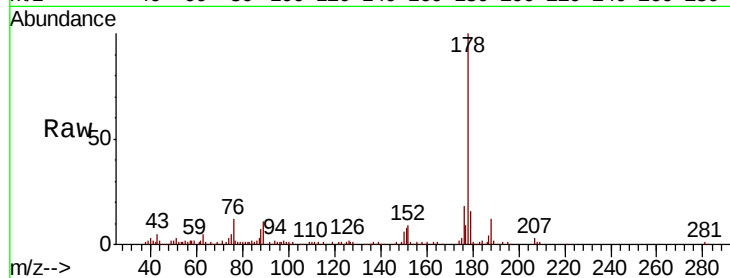
ClientSampleId :

CB7D5

Tot Ion:	178	Resp:	85111
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.2	18.4
176	18.3	14.9	22.3

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#77

Fluoranthene

Concen: 12.689 ng/ul

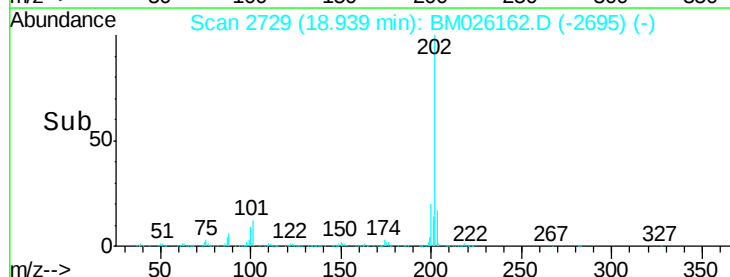
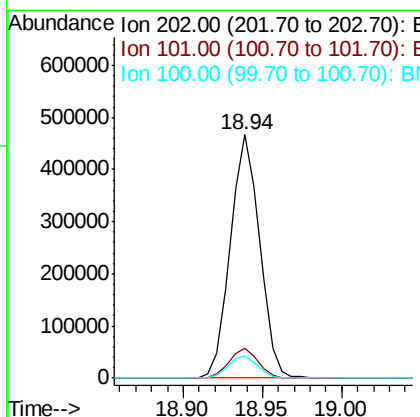
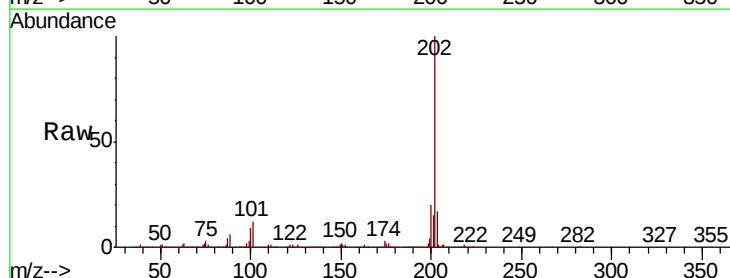
RT: 18.94 min Scan# 2729

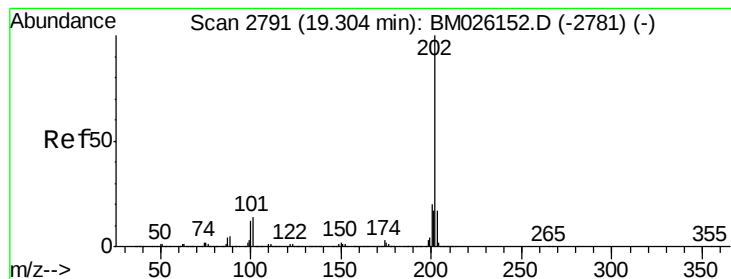
Delta R.T. -0.00 min

Lab File: BM026162.D

Acq: 28 May 2020 18:36

Tgt Ion:	202	Resp:	598545
Ion Ratio	Lower	Upper	
202	100		
101	12.5	9.5	14.3
100	9.1	7.6	11.4





#80

Pvrene

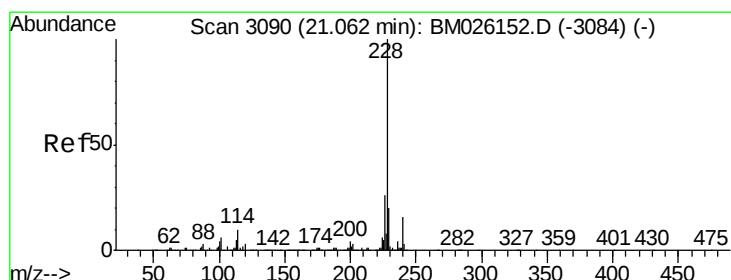
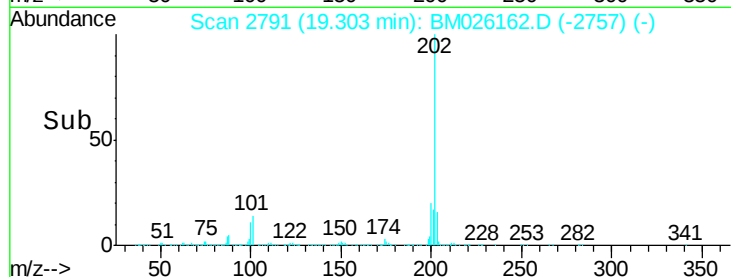
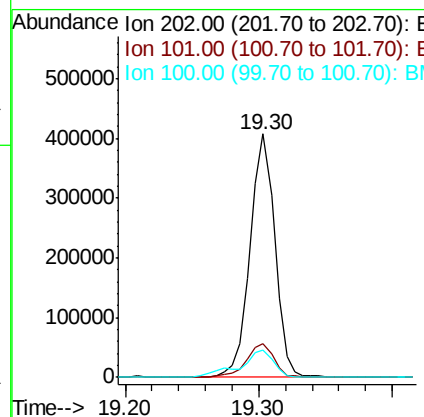
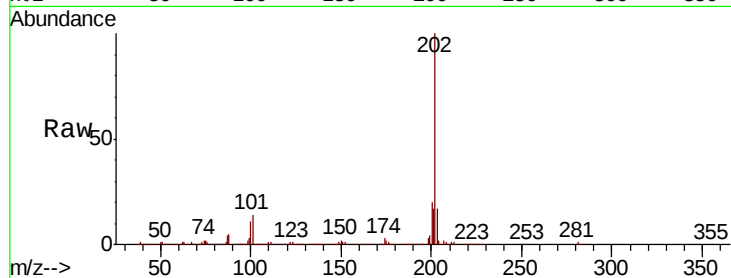
Concen: 9.390 ng/ul
 RT: 19.30 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: BM026162.D
 Acq: 28 May 2020 18:36

Instrument :
 BNA_M
 ClientSampled :
 CB7D5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	12.2	18.4
100	11.2	10.2	15.4

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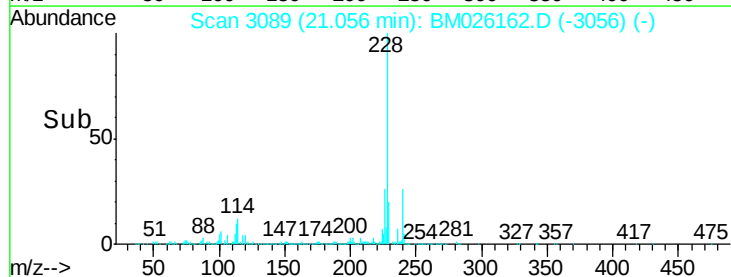
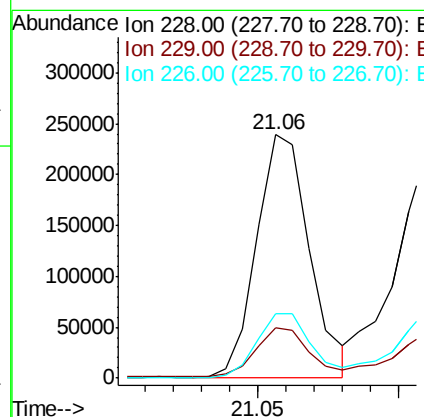
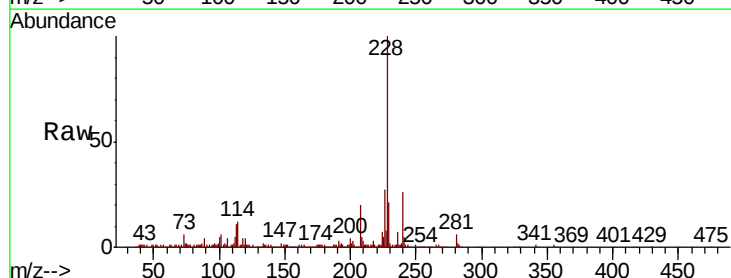


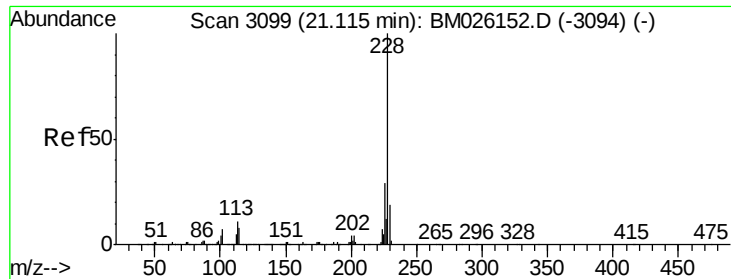
#83

Benzo(a)anthracene

Concen: 5.718 ng/ul
 RT: 21.06 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM026162.D
 Acq: 28 May 2020 18:36

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.6	15.5	23.3
226	26.5	21.2	31.8





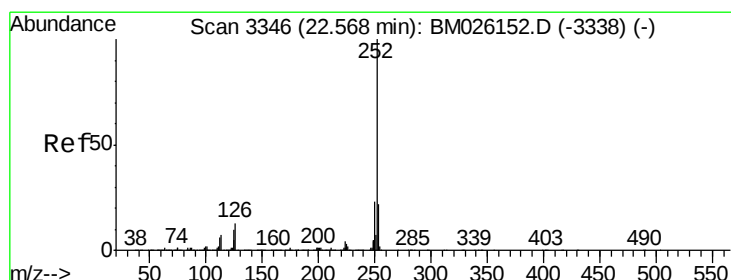
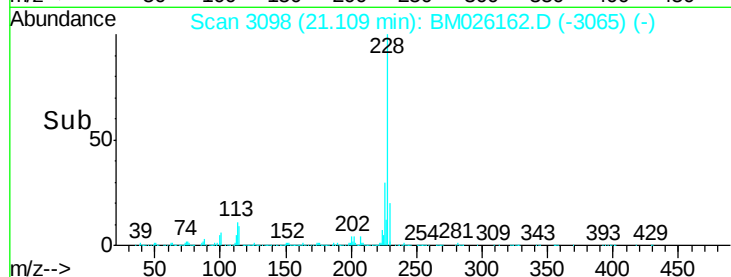
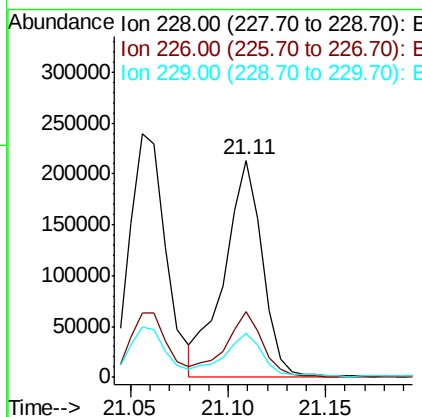
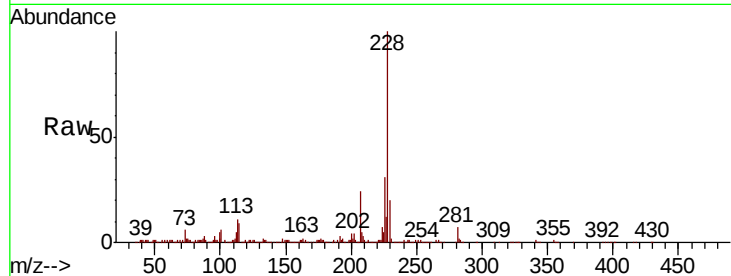
#85
 Chrysene
 Concen: 5.321 ng/ul
 RT: 21.11 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM026162.D
 Acq: 28 May 2020 18:36

Instrument :
 BNA_M
 ClientSampleId :
 CB7D5

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.0	34.6
229	20.3	15.5	23.3

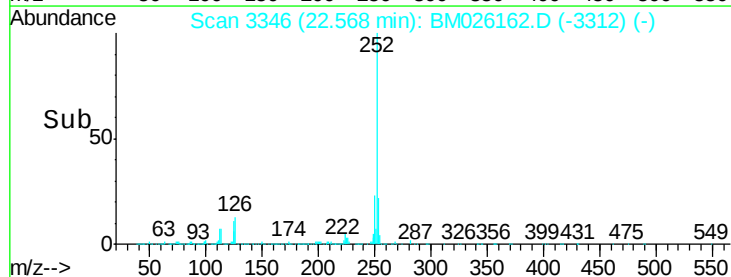
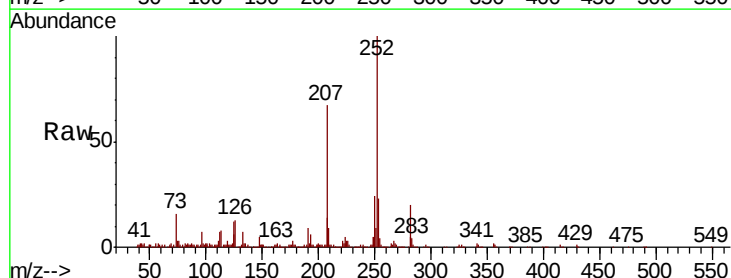
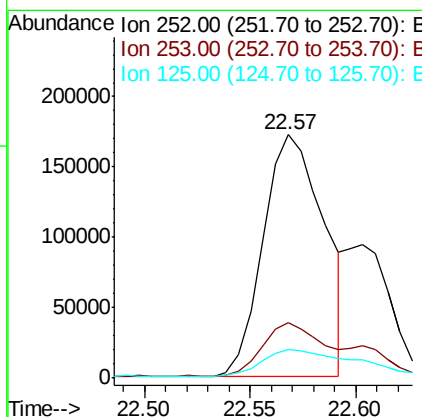
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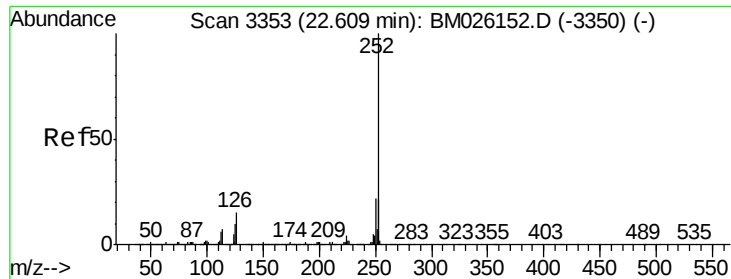
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#88
 Benzo(b)fluoranthene
 Concen: 6.000 ng/ul
 RT: 22.57 min Scan# 3346
 Delta R.T. -0.00 min
 Lab File: BM026162.D
 Acq: 28 May 2020 18:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	12.0	8.9	13.3





#89

Benzo(k)fluoranthene

Concen: 2.435 ng/ul m

RT: 22.60 min Scan# 3352

Delta R.T. -0.01 min

Lab File: BM026162.D

Acq: 28 May 2020 18:36

Instrument :

BNA_M

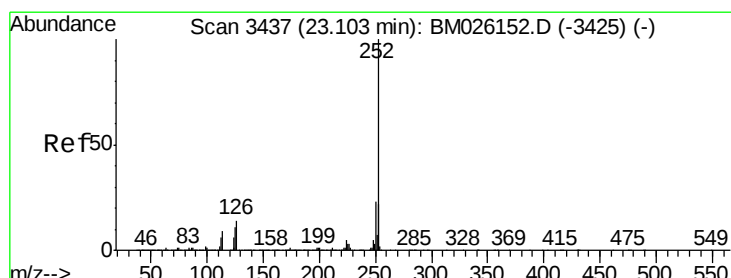
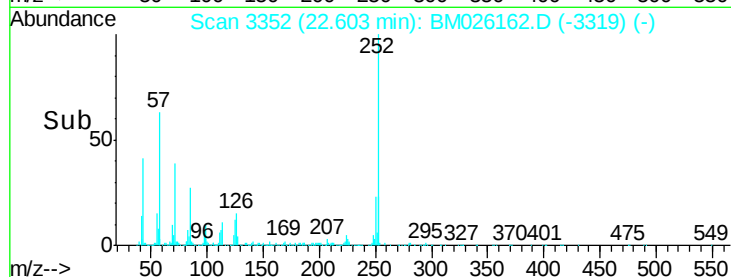
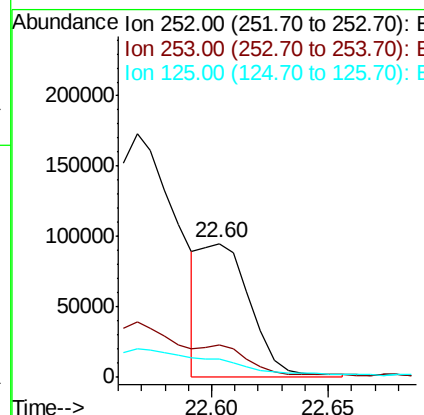
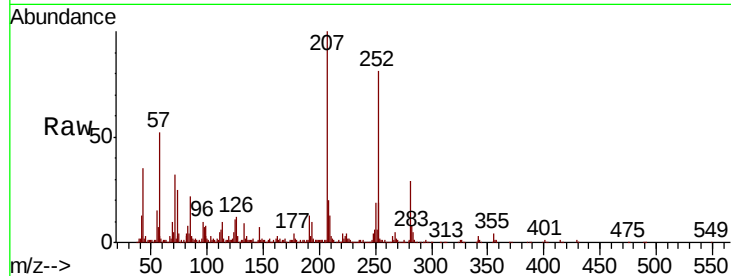
ClientSampled :

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Tot Ion:	252	Resp:	140358
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.0	25.4
125	13.5	8.6	13.0

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#91

Benzo(a)pyrene

Concen: 4.624 ng/ul

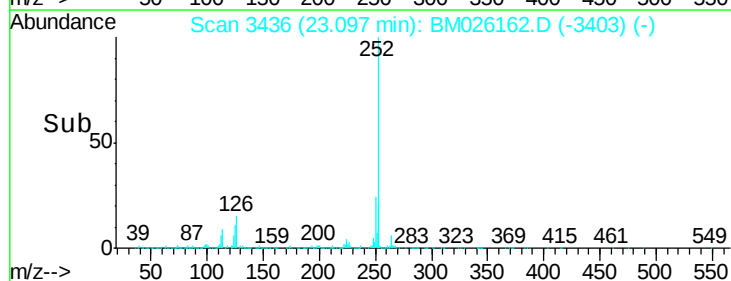
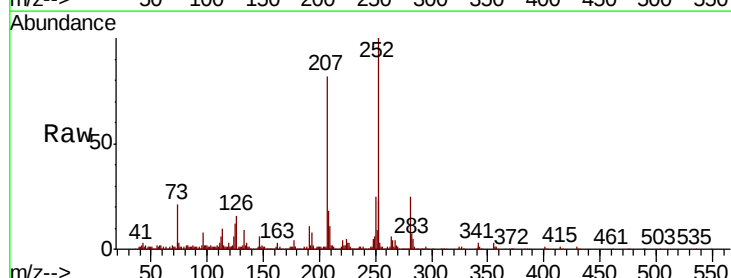
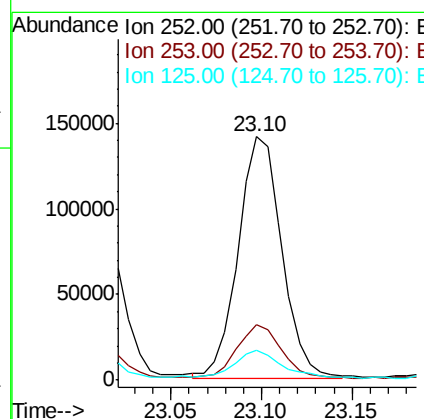
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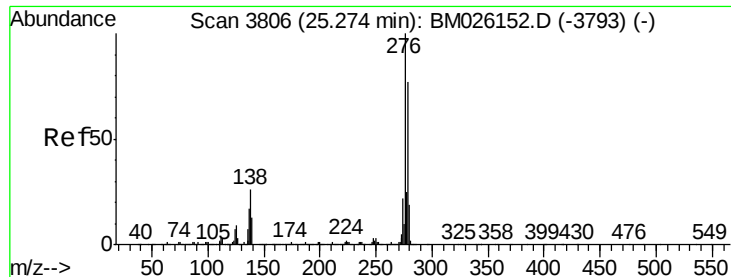
Delta R.T. -0.01 min

Lab File: BM026162.D

Acq: 28 May 2020 18:36

Tgt Ion:	252	Resp:	234782
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	12.2	9.8	14.6





#92

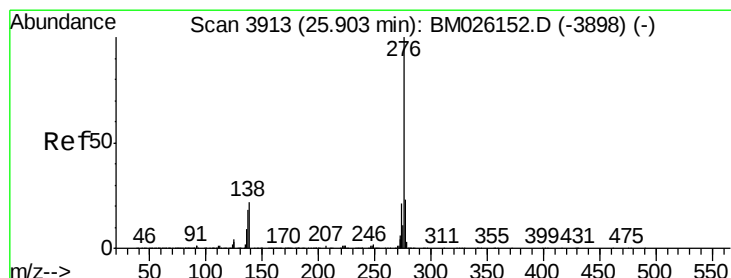
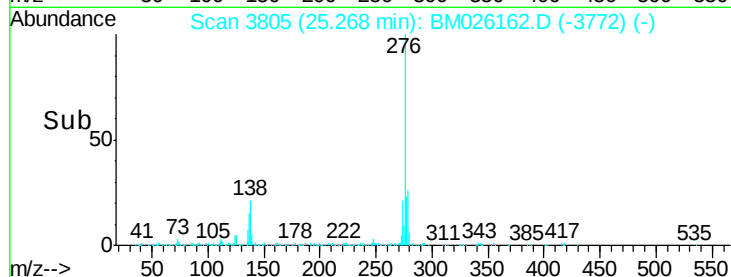
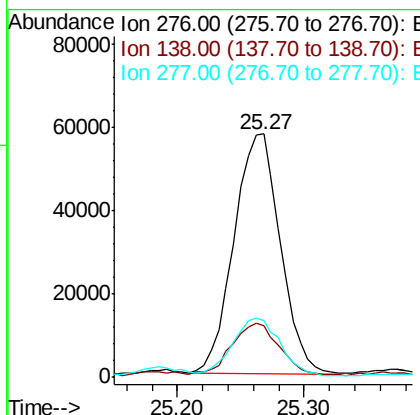
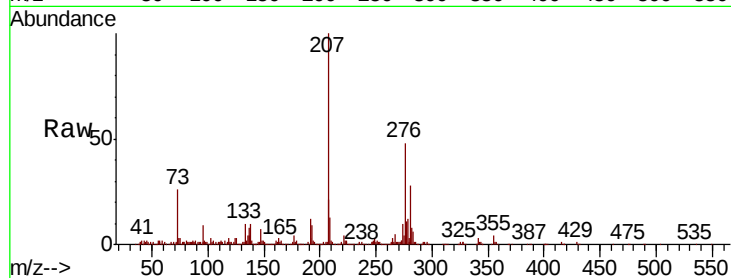
Indeno(1,2,3-cd)pyrene
Concen: 2.223 ng/ul
RT: 25.27 min Scan# 3805
Delta R.T. -0.01 min
Lab File: BM026162.D
Acq: 28 May 2020 18:36

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	21.6	32.4#
277	23.6	20.3	30.5

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#94

Benzo(g,h,i)perylene
Concen: 1.629 ng/ul
RT: 25.89 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BM026162.D
Acq: 28 May 2020 18:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	18.7	28.1
277	22.2	18.8	28.2

