

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
 Data File : BM025759.D
 Acq On : 25 Mar 2020 09:55
 Operator : CG/JU
 Sample : L1938-20
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB794

Manual Integrations
 APPROVED

mohammad
 3/27/2020 8:14:21 AM

Quant Time: Mar 25 14:46:53 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	262664	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	1094649	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.21	164	677580	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	1429592	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	1513317	20.00	ng/ul	-0.01
86) Perylene-d12	23.30	264	1737433	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	35341	5.64	ng/uL	0.00
5) Phenol-d5	6.75	99	677714	32.69	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	395482	33.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	581932	34.59	ng/ul	-0.01
13) 4-Methylphenol-d8	8.28	113	554959	32.58	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	293417	36.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	318751	36.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	590293	33.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	766162	37.30	ng/ul	-0.01
44) Dimethylphthalate-d6	13.63	166	1775210	34.47	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	2198446	35.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	300803	30.68	ng/ul	0.00
58) Fluorene-d10	15.20	176	1576734	34.88	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	253096	29.02	ng/ul	-0.01
71) Anthracene-d10	17.05	188	2309017	34.58	ng/ul	0.00
79) Pyrene-d10	19.35	212	2588758	35.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	3204123	36.02	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.38	128	79554	1.334	ng/ul	97
50) Acenaphthene	14.27	153	46328	1.020	ng/ul	99
59) Fluorene	15.26	166	55453	1.023	ng/ul	97
70) Phenanthrene	16.99	178	961117	11.422	ng/ul	99
72) Anthracene	17.09	178	203848	2.377	ng/ul	100
75) Carbazole	17.36	167	76201	1.017	ng/ul	97
77) Fluoranthene	19.02	202	1522295	15.348	ng/ul	99
80) Pyrene	19.38	202	1382828	13.606	ng/ul	99
83) Benzo(a)anthracene	21.13	228	776425	7.782	ng/ul	99
85) Chrysene	21.18	228	747353	7.635	ng/ul	99
88) Benzo(b)fluoranthene	22.66	252	1088239	10.039	ng/ul	98
89) Benzo(k)fluoranthene	22.70	252	308090m	2.885	ng/ul	
91) Benzo(a)pyrene	23.20	252	690559	7.000	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.42	276	511126	3.923	ng/ul	98
93) Dibenzo(a,h)anthracene	25.42	278	144144	1.307	ng/ul#	95
94) Benzo(g,h,i)perylene	26.06	276	336481	3.134	ng/ul	97

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

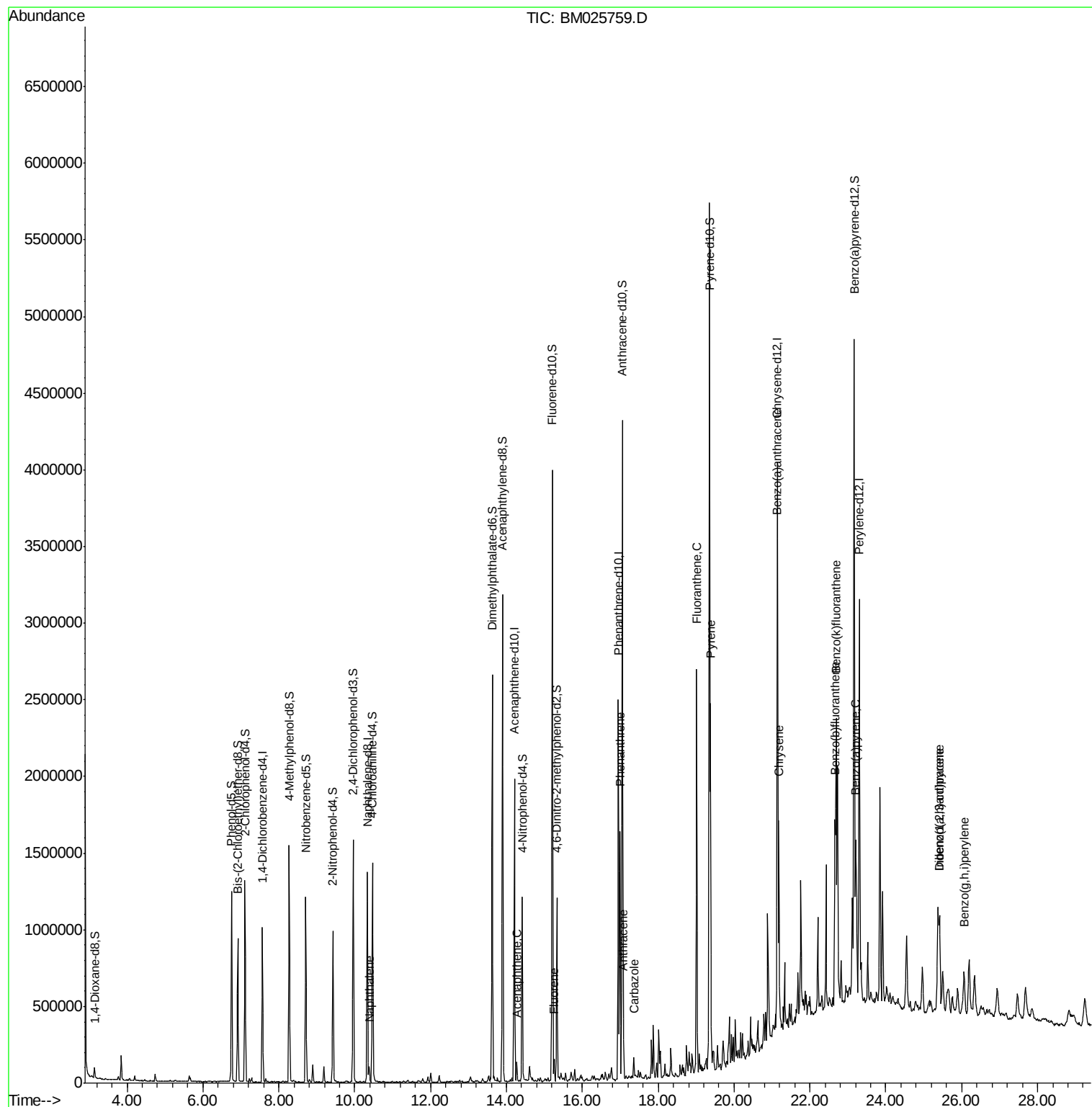
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Data File : BM025759.D
Acq On : 25 Mar 2020 09:55
Operator : CG/JU
Sample : L1938-20
Misc :
ALS Vial : 40 Sample Multiplier: 1

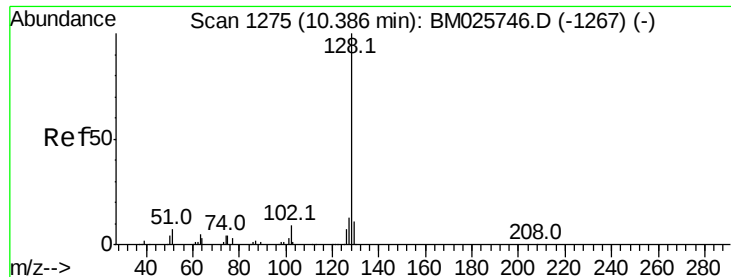
Instrument :
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ClientSampleId :
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Quant Time: Mar 25 14:46:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
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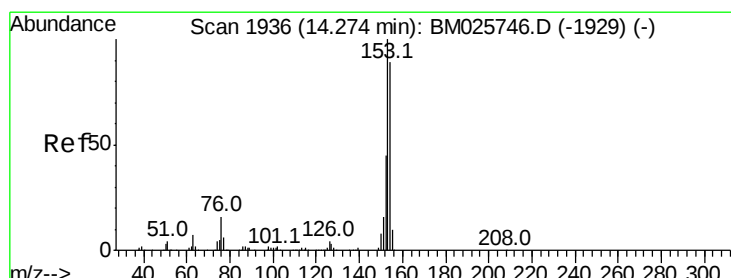
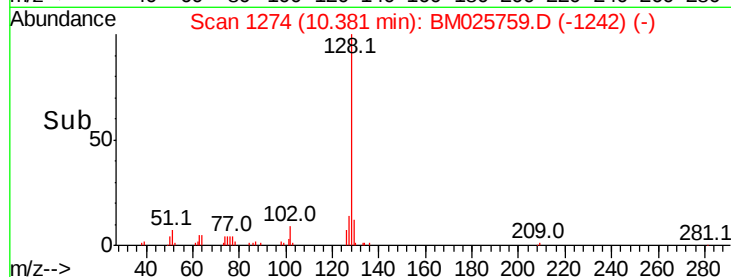
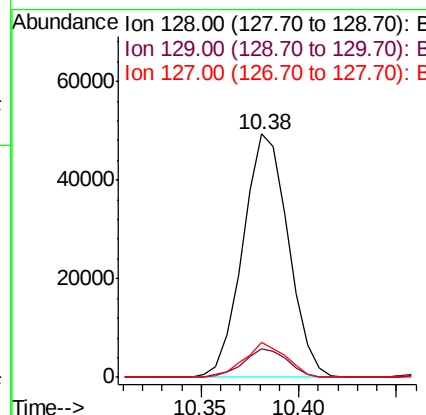
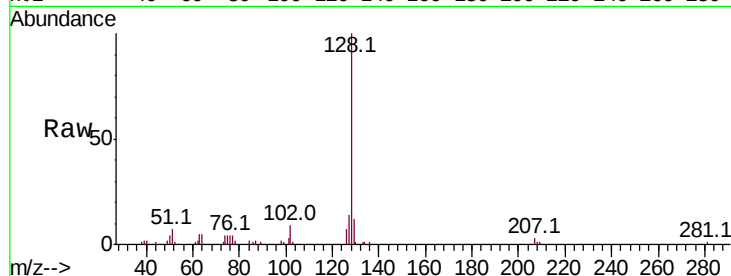
#28
Naphthalene
Concen: 1.334 ng/ul
RT: 10.38 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM025759.D
Acq: 25 Mar 2020 09:55

Instrument :
BNA_M
ClientSampleId :
CB794

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	12.8
127	14.3	10.6	15.8

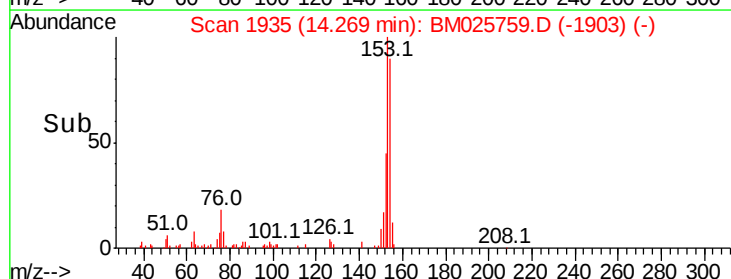
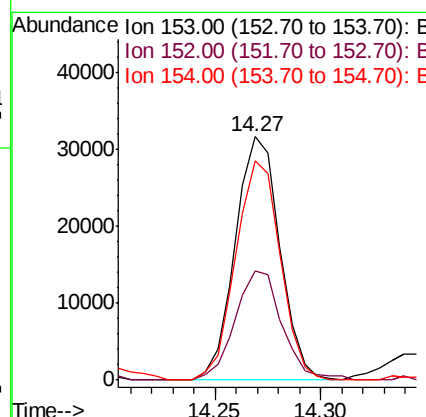
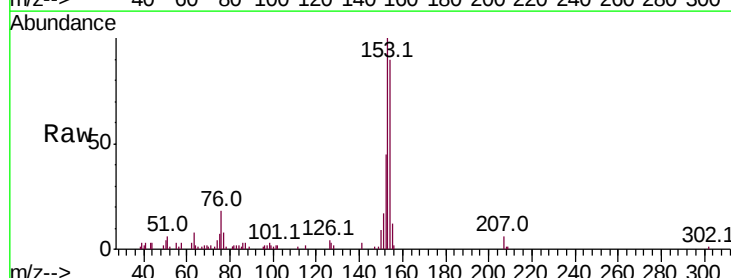
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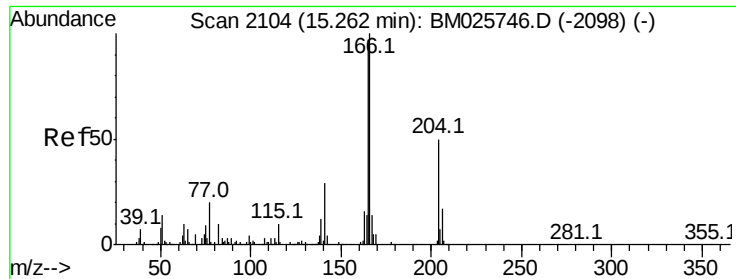
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#50
Acenaphthene
Concen: 1.020 ng/ul
RT: 14.27 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM025759.D
Acq: 25 Mar 2020 09:55

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.0	37.6	56.4
154	90.2	72.2	108.2





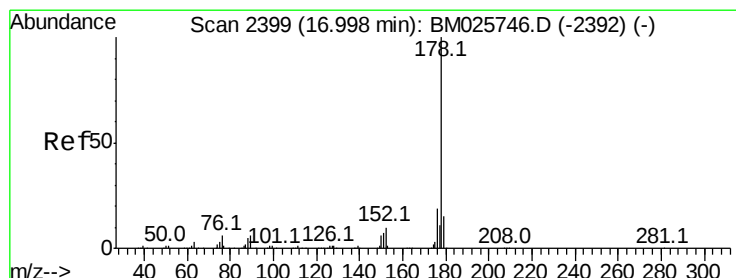
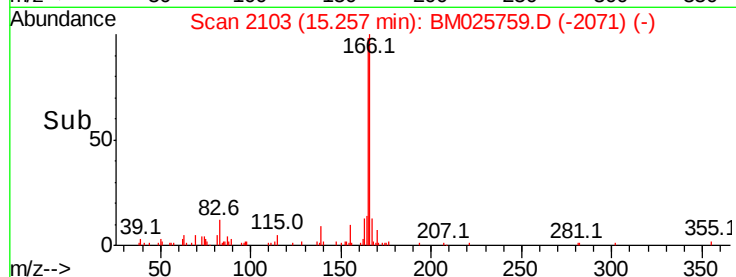
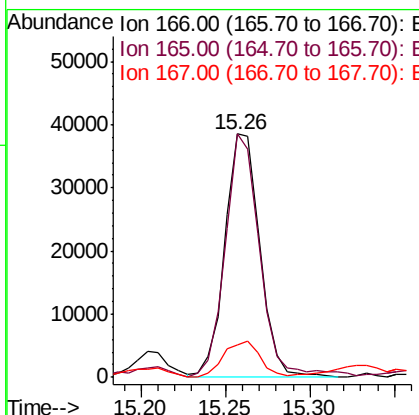
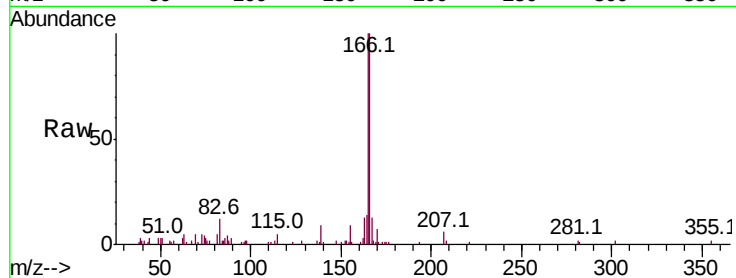
#59
Fluorene
Concen: 1.023 ng/ul
RT: 15.26 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM025759.D
Acq: 25 Mar 2020 09:55

Instrument :
BNA_M
ClientSampled :
CB794

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.2	115.8
167	13.5	11.2	16.8

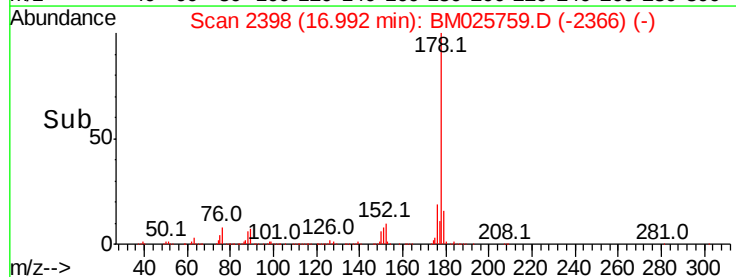
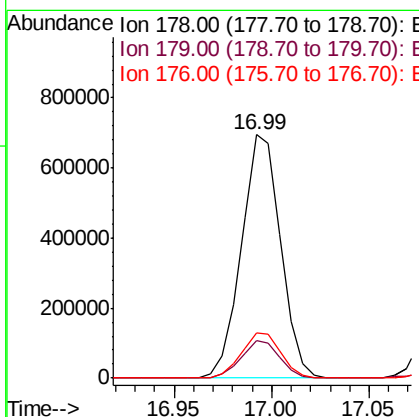
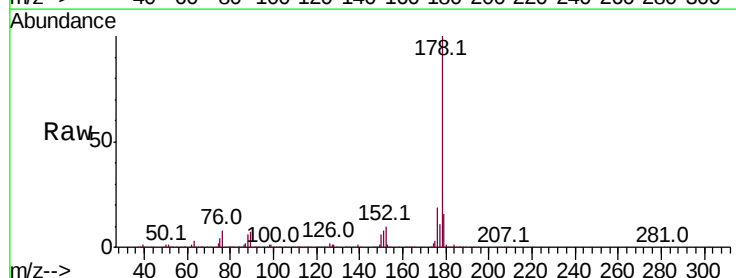
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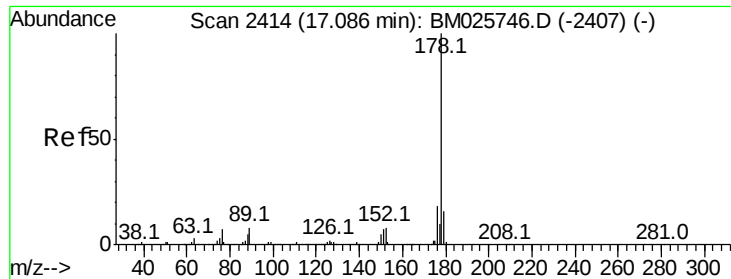
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#70
Phenanthrene
Concen: 11.422 ng/ul
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM025759.D
Acq: 25 Mar 2020 09:55

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	18.5	15.3	22.9





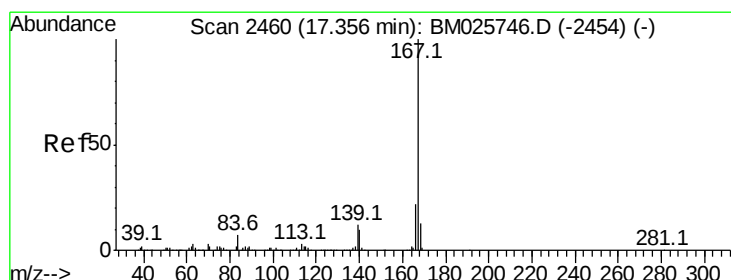
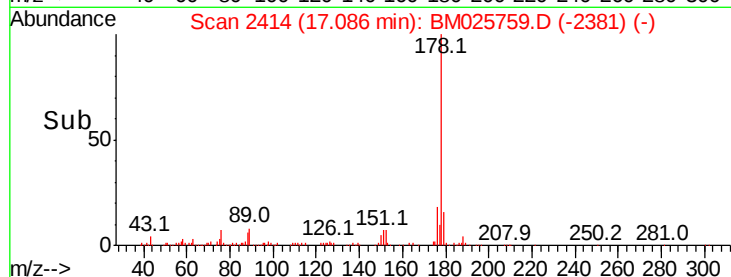
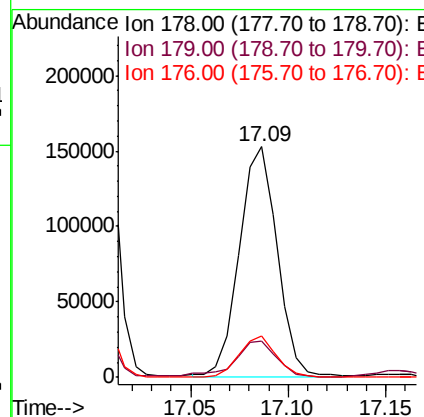
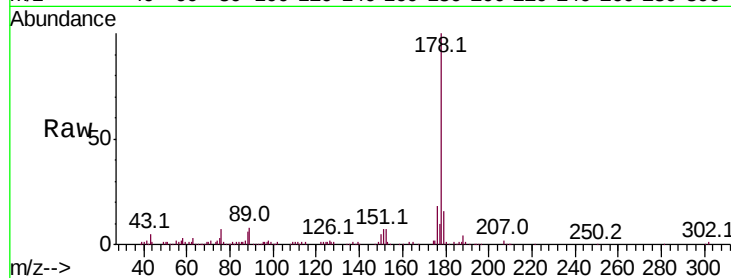
#72
 Anthracene
 Concen: 2.377 ng/ul
 RT: 17.09 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM025759.D
 Acq: 25 Mar 2020 09:55

Instrument :
 BNA_M
 ClientSampleId :
 CB794

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	18.0	14.5	21.7

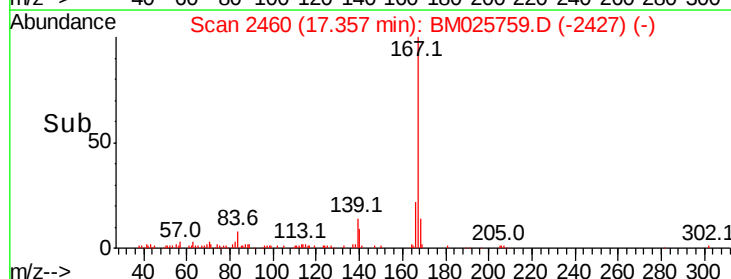
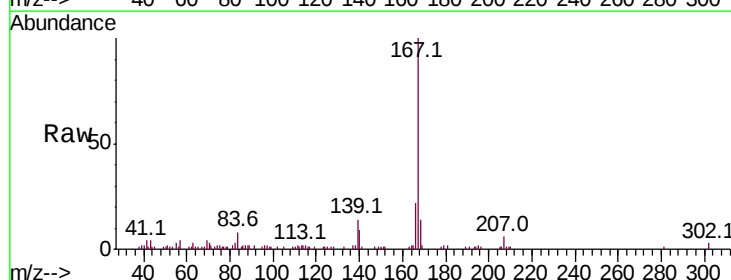
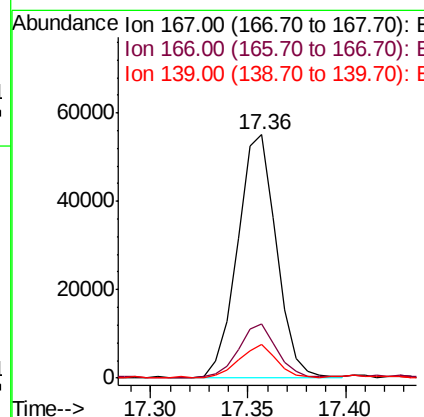
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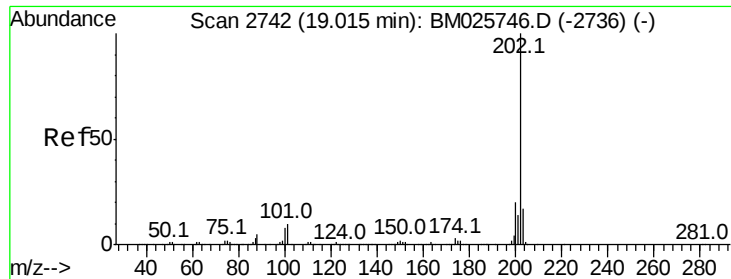
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#75
 Carbazole
 Concen: 1.017 ng/ul
 RT: 17.36 min Scan# 2460
 Delta R.T. -0.01 min
 Lab File: BM025759.D
 Acq: 25 Mar 2020 09:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	16.7	25.1
139	13.8	9.8	14.8





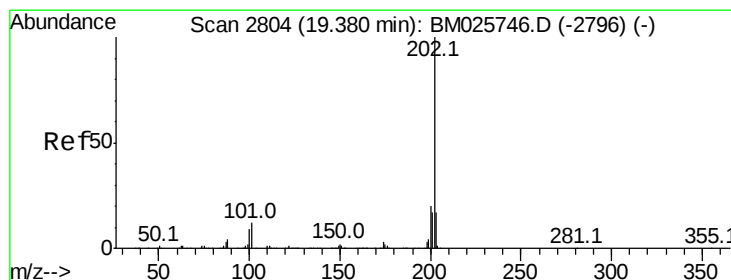
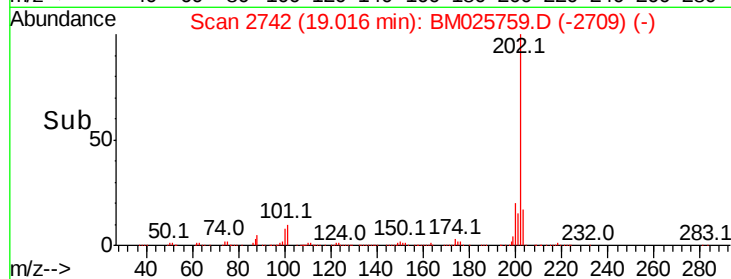
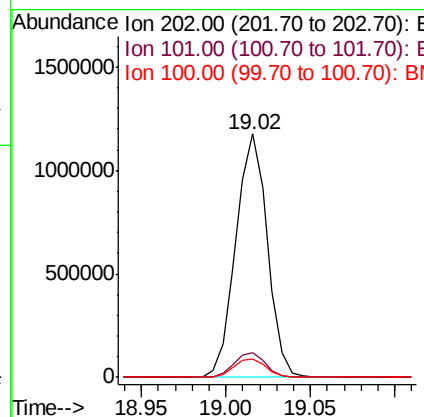
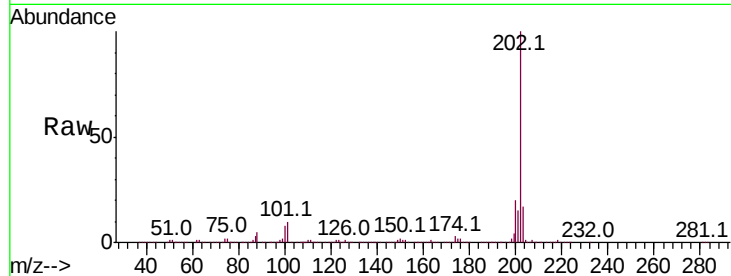
#77
Fluoranthene
 Concen: 15.348 ng/ul
 RT: 19.02 min Scan# 2742
 Delta R.T. -0.01 min
 Lab File: BM025759.D
 Acq: 25 Mar 2020 09:55

Instrument :
 BNA_M
 ClientSampleId :
 CB794

Tot Ion:	202	Resp:	1522295
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.2	12.4
100	7.6	6.5	9.7

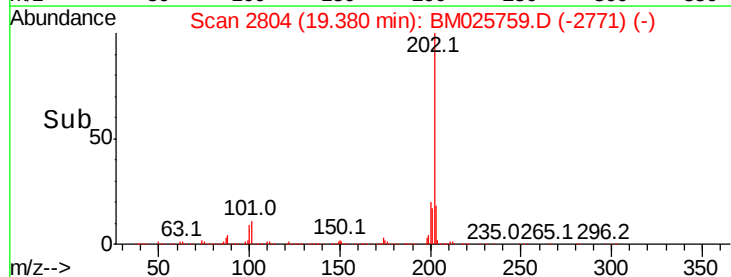
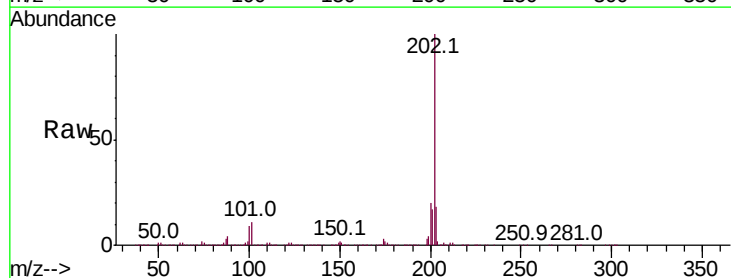
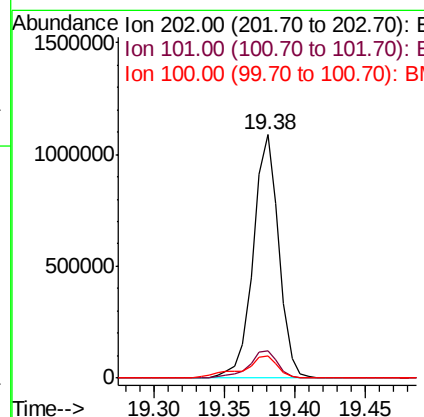
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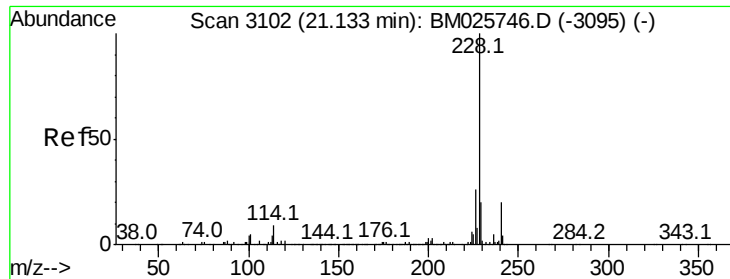
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#80
Pyrene
 Concen: 13.606 ng/ul
 RT: 19.38 min Scan# 2804
 Delta R.T. -0.01 min
 Lab File: BM025759.D
 Acq: 25 Mar 2020 09:55

Tgt Ion:	202	Resp:	1382828
Ion Ratio	Lower	Upper	
202	100		
101	11.3	8.9	13.3
100	9.2	7.5	11.3





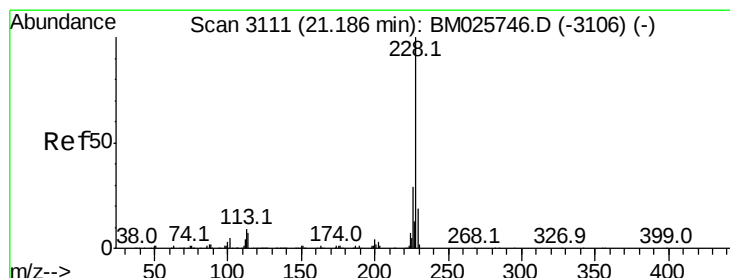
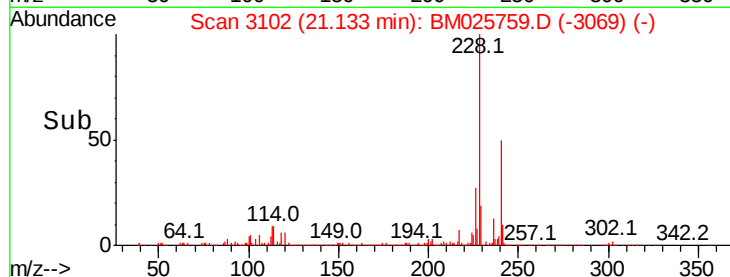
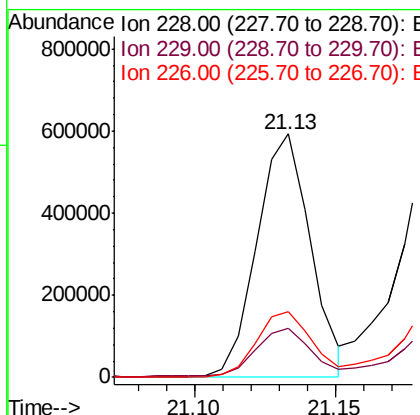
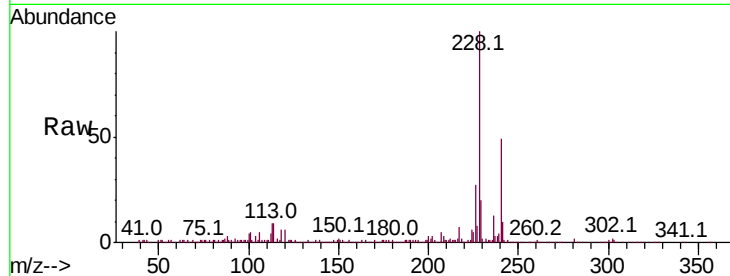
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Benzo(a)anthracene
Concen: 7.782 ng/ul
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM025759.D
Acq: 25 Mar 2020 09:55

Instrument :
BNA_M
ClientSampleId :
CB794

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.5	23.3
226	26.9	21.0	31.6

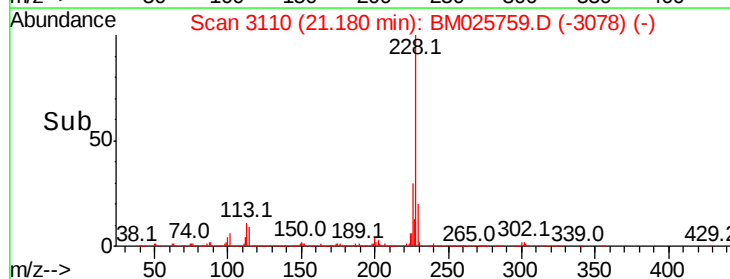
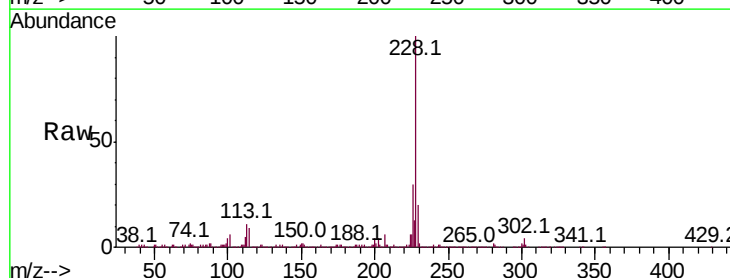
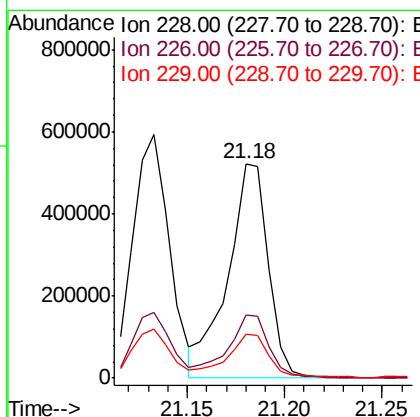
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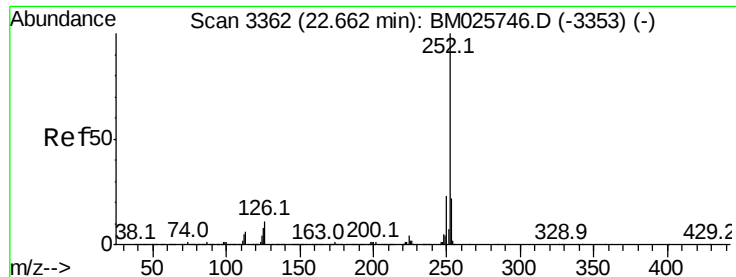
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#85
Chrysene
Concen: 7.635 ng/ul
RT: 21.18 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM025759.D
Acq: 25 Mar 2020 09:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.0
229	20.3	15.6	23.4





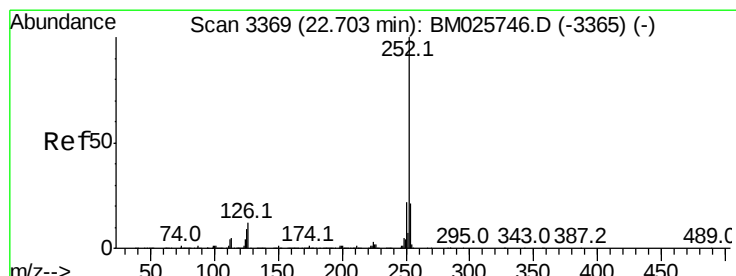
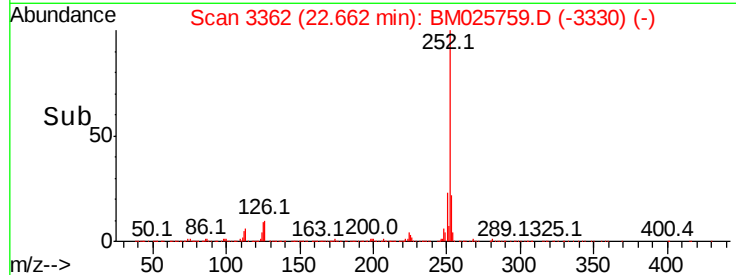
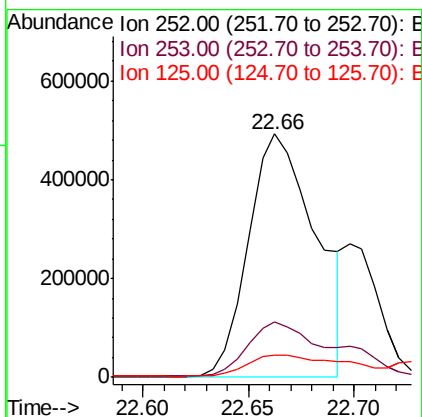
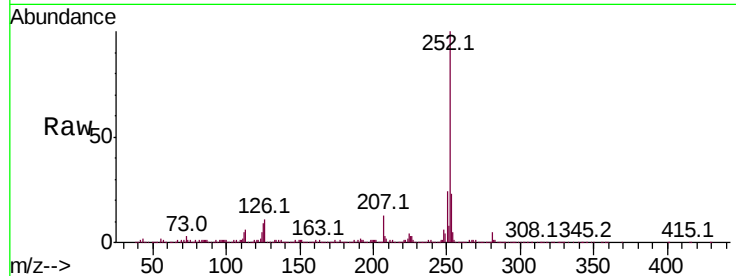
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Benzo(b)fluoranthene
Concen: 10.039 ng/ul
RT: 22.66 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM025759.D
Acq: 25 Mar 2020 09:55

Instrument :
BNA_M
ClientSampleId :
CB794

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	9.3	6.7	10.1

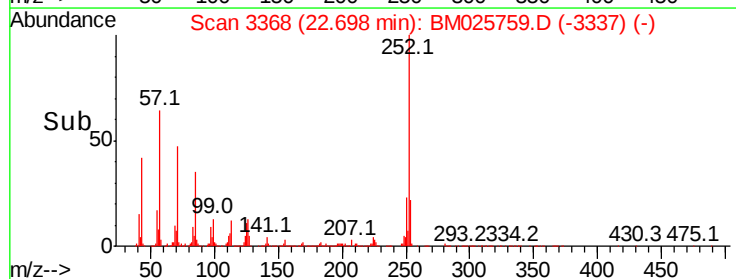
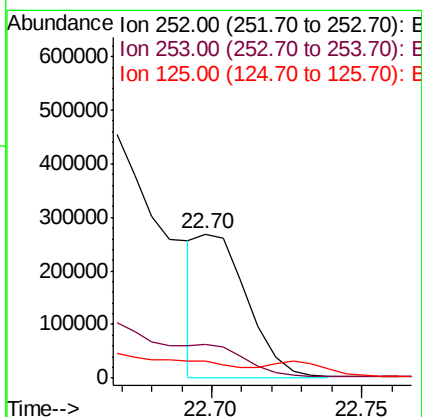
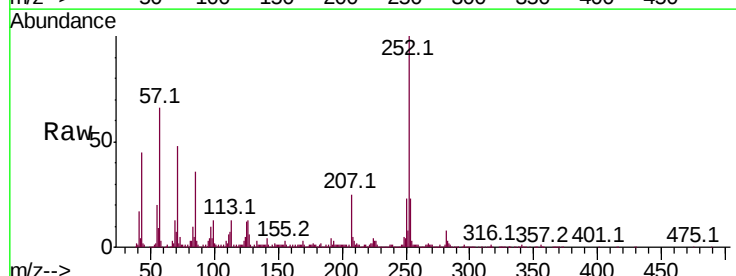
Manual Integrations
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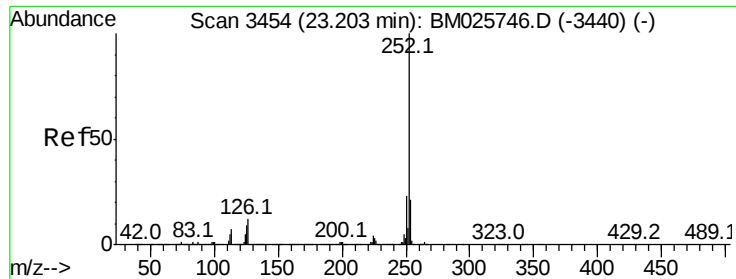
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#89
Benzo(k)fluoranthene
Concen: 2.885 ng/ul m
RT: 22.70 min Scan# 3368
Delta R.T. -0.02 min
Lab File: BM025759.D
Acq: 25 Mar 2020 09:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	11.6	6.9	10.3#





#91

Benzo(a)pyrene

Concen: 7.000 ng/ul

RT: 23.20 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BM025759.D

Acq: 25 Mar 2020 09:55

Instrument :

BNA_M

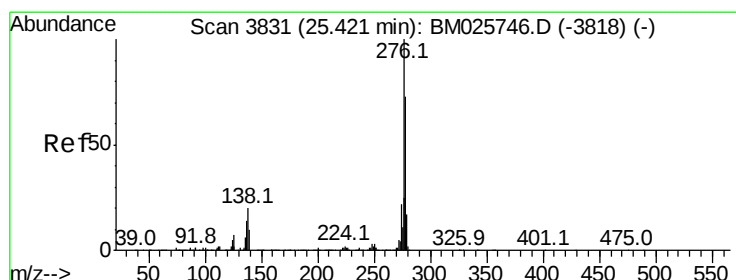
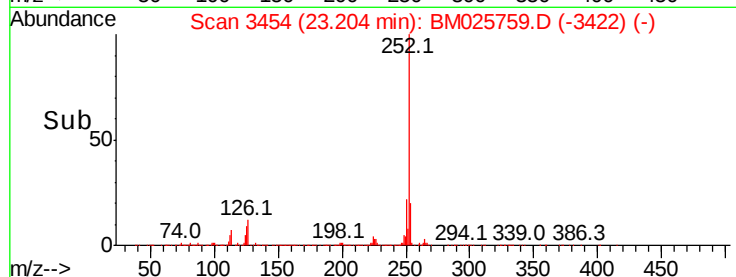
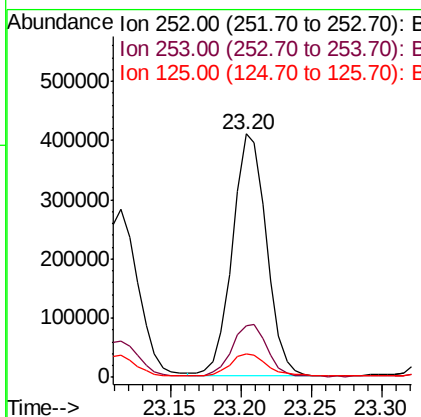
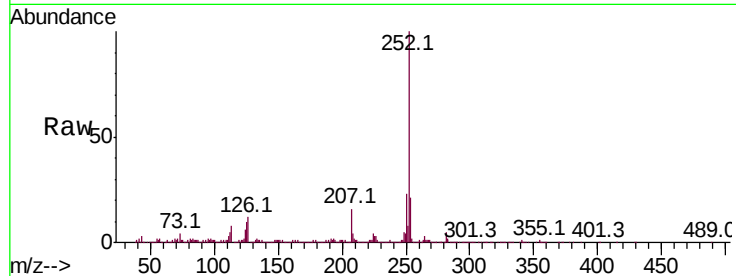
ClientSampleID :

CB794

Tot Ion	Ratio	Lower	Upper
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253	21.2	17.0	25.6
125	9.9	7.1	10.7

Manual Integrations
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mohammad
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#92

Indeno(1,2,3-cd)pyrene

Concen: 3.923 ng/ul

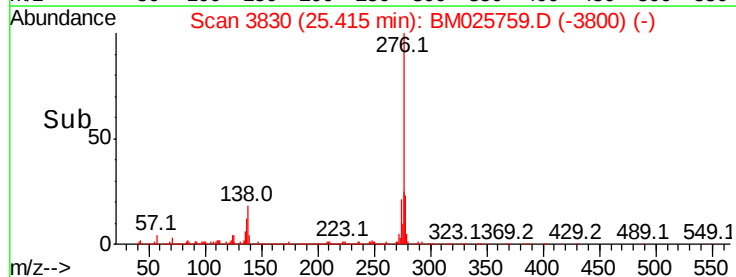
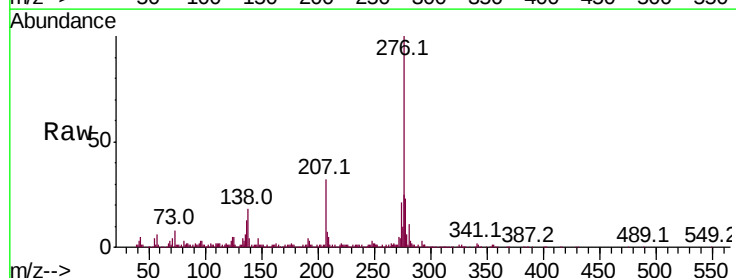
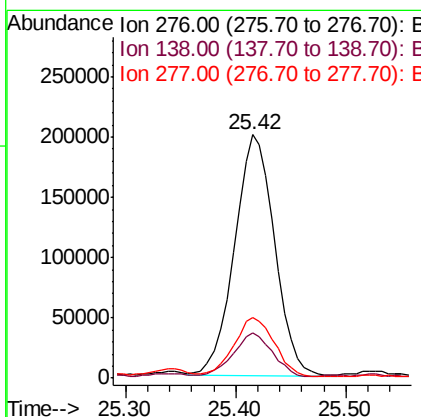
RT: 25.42 min Scan# 3830

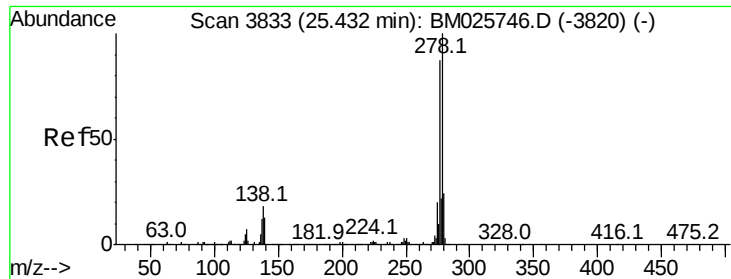
Delta R.T. -0.02 min

Lab File: BM025759.D

Acq: 25 Mar 2020 09:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	16.5	24.7
277	24.6	19.7	29.5





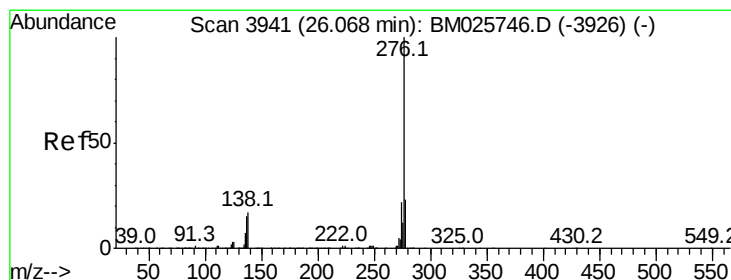
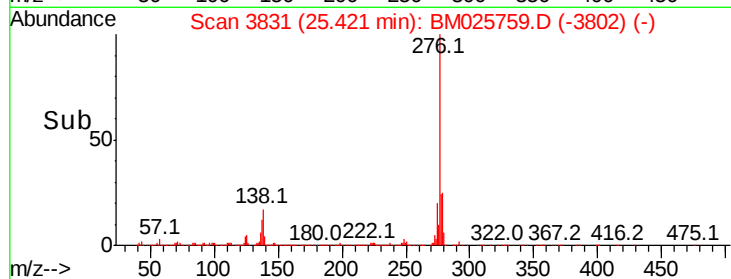
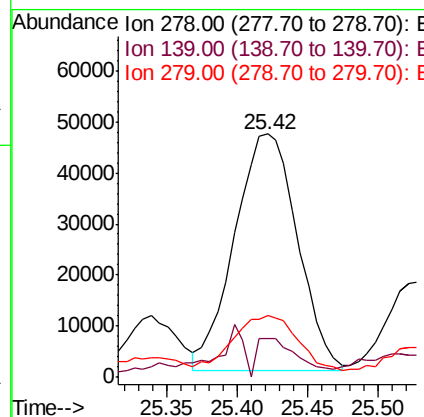
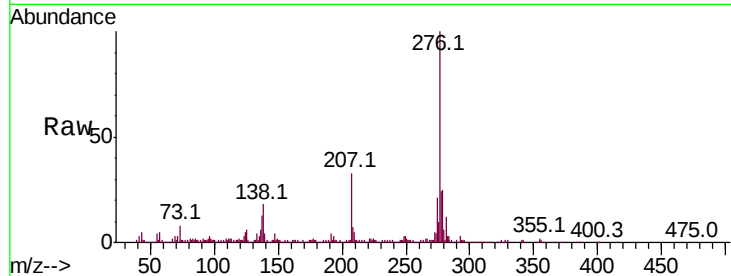
#93
Dibenzo(a,h)anthracene
Concen: 1.307 ng/ul
RT: 25.42 min Scan# 3831
Delta R.T. -0.03 min
Lab File: BM025759.D
Acq: 25 Mar 2020 09:55

Instrument :
BNA_M
ClientSampleId :
CB794

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	10.4	15.6#
279	25.2	18.6	28.0

Manual Integrations
APPROVED

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#94
Benzo(g,h,i)perylene
Concen: 3.134 ng/ul
RT: 26.06 min Scan# 3940
Delta R.T. -0.02 min
Lab File: BM025759.D
Acq: 25 Mar 2020 09:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	13.2	19.8
277	25.8	19.0	28.4

