

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
 Data File : BP002181.D
 Acq On : 12 Mar 2020 13:39
 Operator : CG/JU
 Sample : L1786-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

mohammad
 3/13/2020 8:57:14 AM

Quant Time: Mar 13 01:38:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 12 13:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	311932	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1303307	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	808195	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1751137	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1589290	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	1940872	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	39777	5.48	ng/uL	0.00
5) Phenol-d5	6.81	99	577456	24.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	328946	26.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	506410	24.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	461798	23.62	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	228108	22.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	246981	21.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	486042	22.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	659788	27.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	1402916	22.94	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1749027	23.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	186663	15.96	ng/ul	0.00
58) Fluorene-d10	15.26	176	1264815	23.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	119242	12.35	ng/ul	0.00
71) Anthracene-d10	17.12	188	1951774	24.80	ng/ul	0.00
79) Pyrene-d10	19.36	212	2154781	25.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	2400835	24.18	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.19	88	13190	1.705	ng/uL	95
28) Naphthalene	10.45	128	70422	1.009	ng/ul	99
50) Acenaphthene	14.33	153	188158	3.608	ng/ul	99
59) Fluorene	15.32	166	145173	2.466	ng/ul	95
70) Phenanthrene	17.06	178	3544300	36.739	ng/ul	98
72) Anthracene	17.15	178	956958	10.019	ng/ul	99
75) Carbazole	17.42	167	710095	8.829	ng/ul	99
77) Fluoranthene	19.04	202	7887010	70.870	ng/ul	98
80) Pyrene	19.39	202	6918333	63.936	ng/ul	95
83) Benzo(a)anthracene	21.10	228	5054410	47.007	ng/ul	95
85) Chrysene	21.15	228	4695544m	45.774	ng/ul	
88) Benzo(b)fluoranthene	22.67	252	6497865	53.385	ng/ul	96
89) Benzo(k)fluoranthene	22.70	252	2450337m	20.566	ng/ul	
91) Benzo(a)pyrene	23.23	252	4689210	42.438	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.54	276	3135611	21.895	ng/ul	98
93) Dibenzo(a,h)anthracene	25.55	278	901709	7.615	ng/ul#	92
94) Benzo(g,h,i)perylene	26.22	276	2293374	18.971	ng/ul	97

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

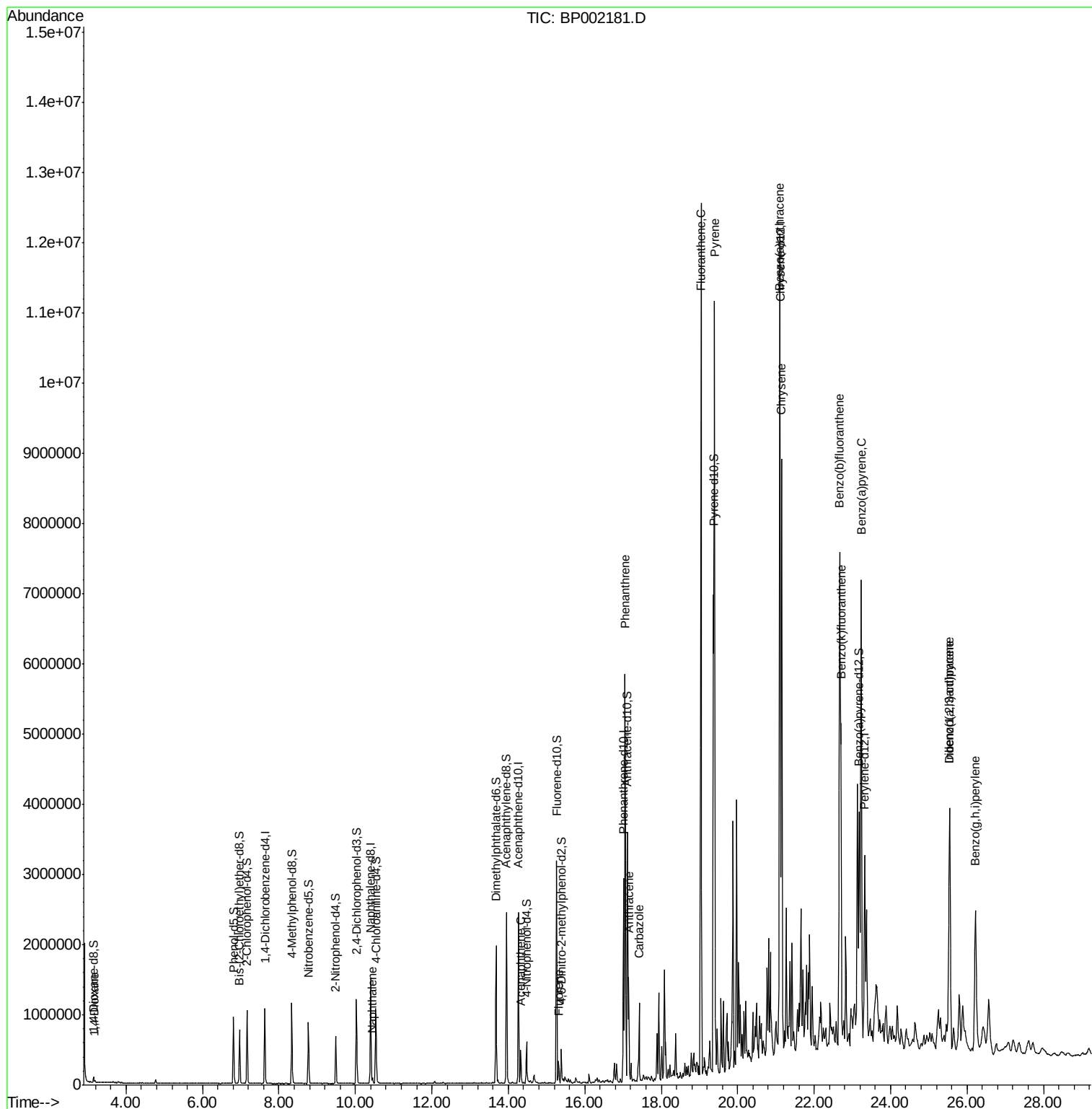
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031220\
Data File : BP002181.D
Acq On : 12 Mar 2020 13:39
Operator : CG/JU
Sample : L1786-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

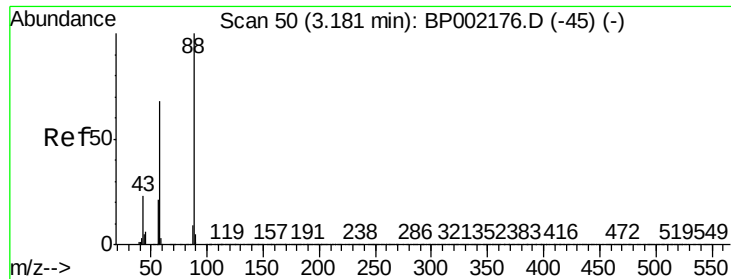
Instrument :
BNA_P
ClientSampled :
C0AC4

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 12 13:49:07 2020
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.705 ng/uL

RT: 3.19 min Scan# 51

Delta R.T. 0.01 min

Lab File: BP002181.D

Acq: 12 Mar 2020 13:39

Instrument :

BNA_P

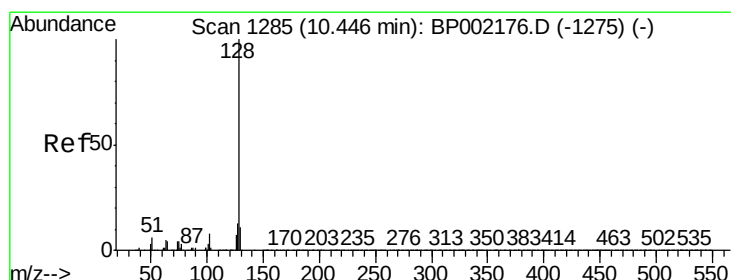
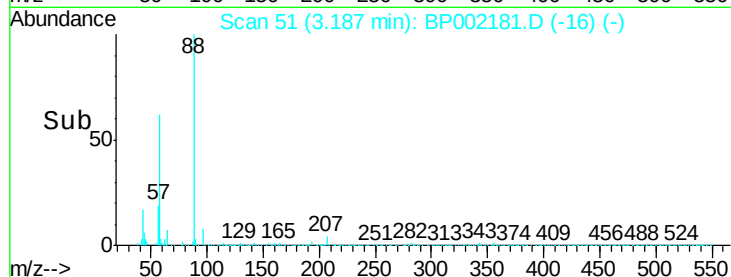
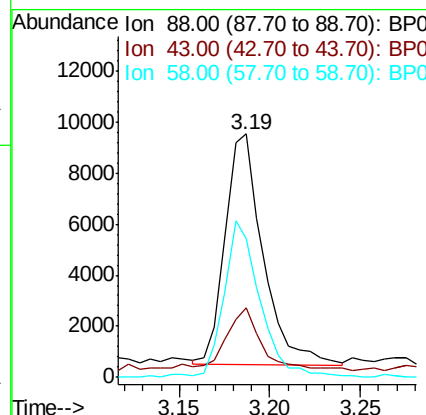
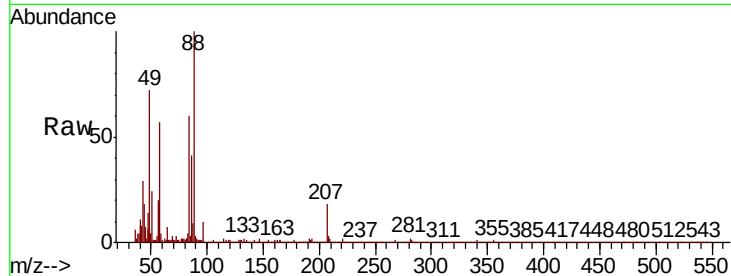
ClientSampleId :

C0AC4

Tot Ion:	88	Resp:	13190
Ion Ratio	Lower	Upper	
88	100		
43	28.8	22.6	34.0
58	56.7	49.6	74.4

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#28

Naphthalene

Concen: 1.009 ng/uL

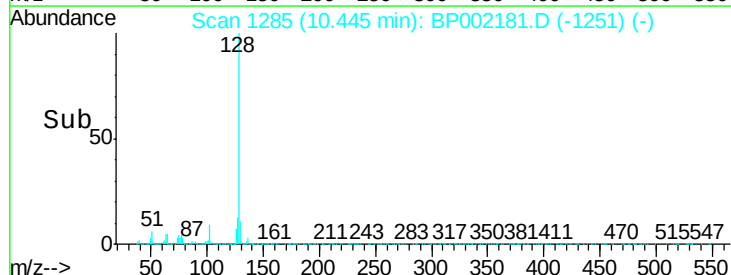
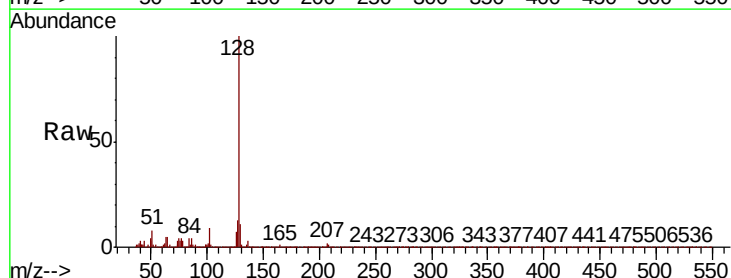
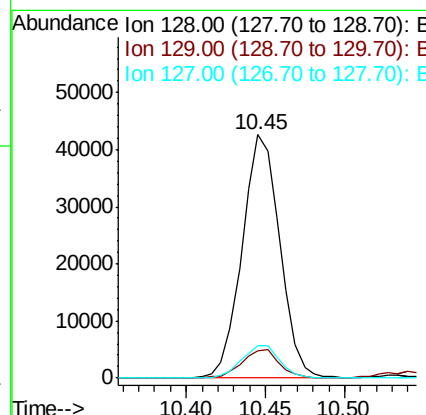
RT: 10.45 min Scan# 1285

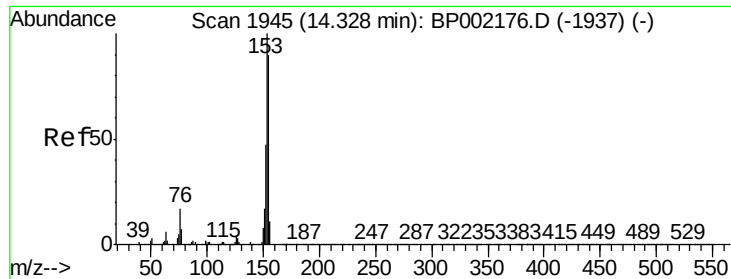
Delta R.T. -0.00 min

Lab File: BP002181.D

Acq: 12 Mar 2020 13:39

Tgt Ion:	128	Resp:	70422
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.2	10.2	15.2





#50

Acenaphthene

Concen: 3.608 ng/ul

RT: 14.33 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BP002181.D

Acq: 12 Mar 2020 13:39

Instrument :

BNA_P

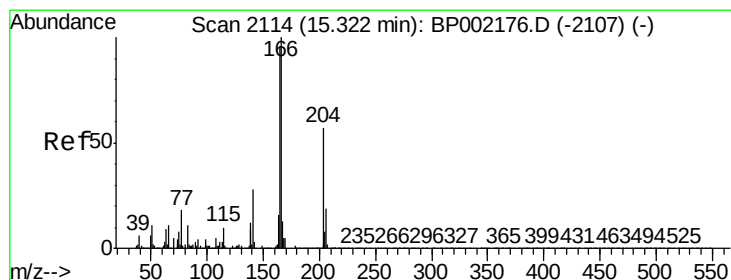
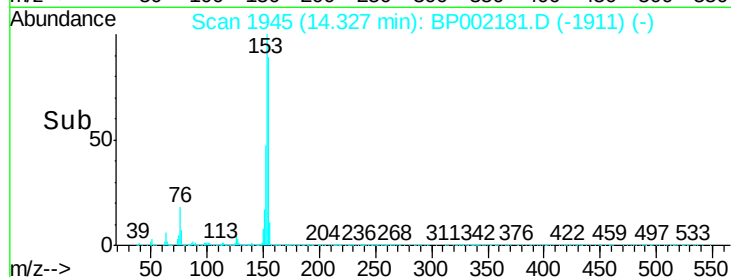
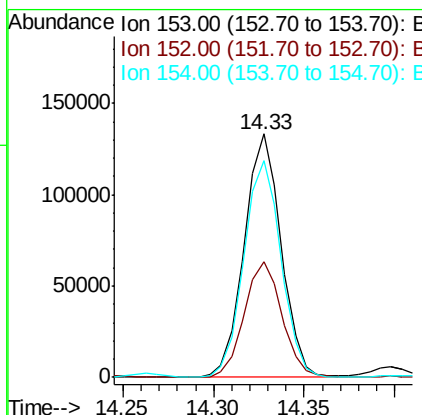
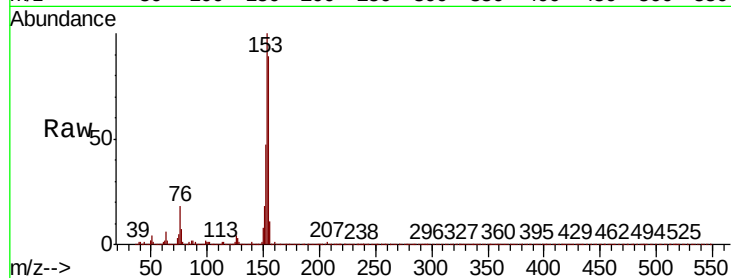
ClientSampleId :

C0AC4

Tot Ion:	153	Resp:	188158
Ion Ratio	Lower	Upper	
153	100		
152	47.4	37.1	55.7
154	89.3	70.5	105.7

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#59

Fluorene

Concen: 2.466 ng/ul

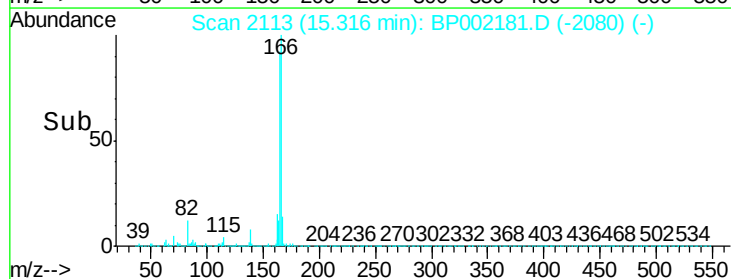
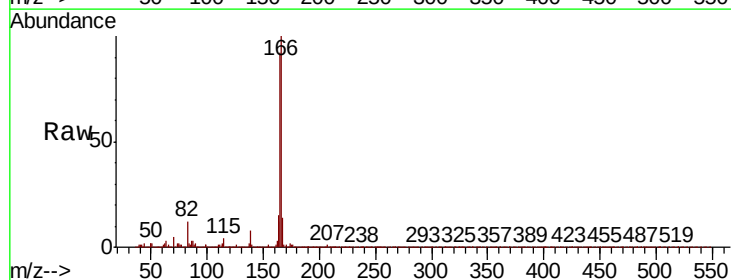
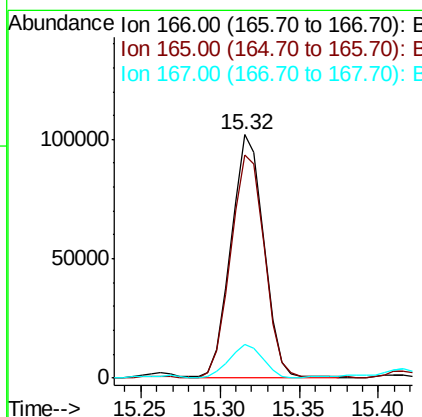
RT: 15.32 min Scan# 2113

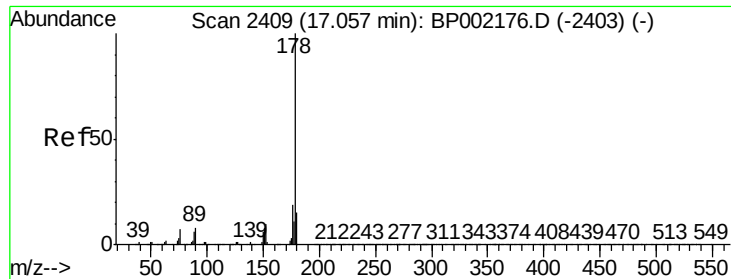
Delta R.T. -0.01 min

Lab File: BP002181.D

Acq: 12 Mar 2020 13:39

Tgt Ion:	166	Resp:	145173
Ion Ratio	Lower	Upper	
166	100		
165	91.6	78.1	117.1
167	13.9	10.7	16.1





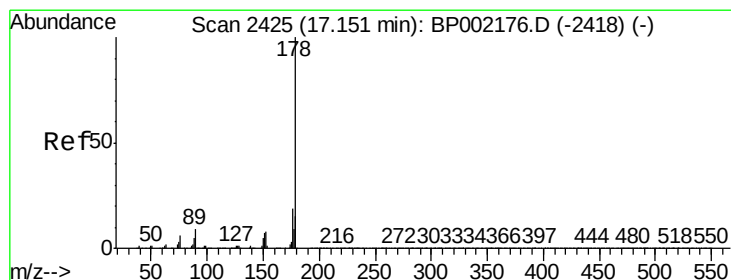
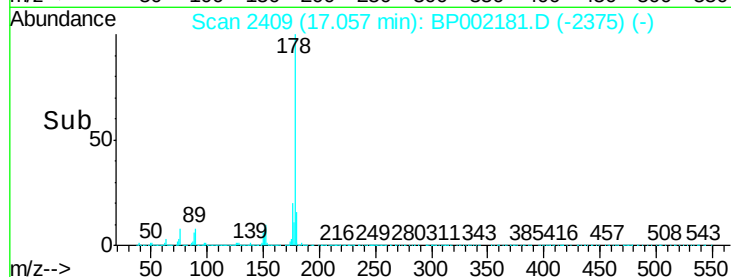
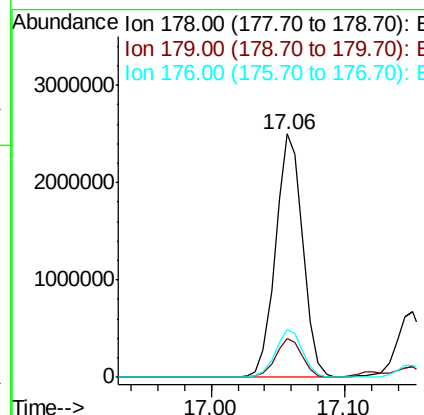
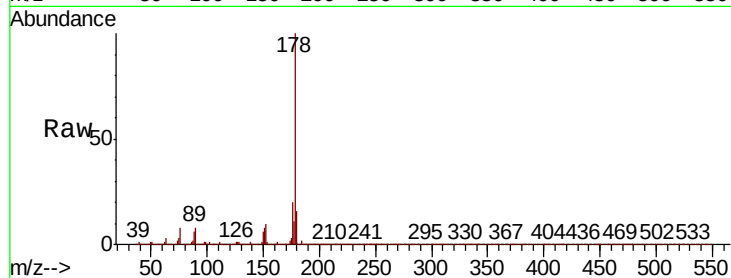
#70
Phenanthrene
Concen: 36.739 ng/ul
RT: 17.06 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BP002181.D
Acq: 12 Mar 2020 13:39

Instrument :
BNA_P
ClientSampleId :
C0AC4

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.2
176	19.7	14.9	22.3

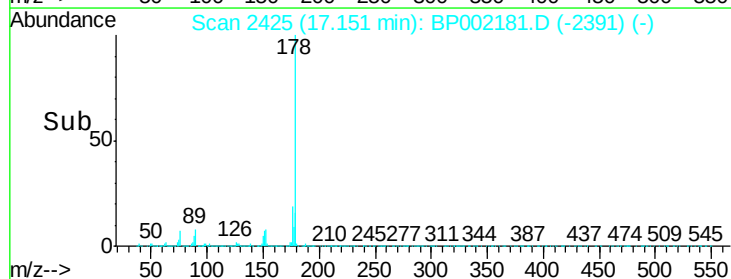
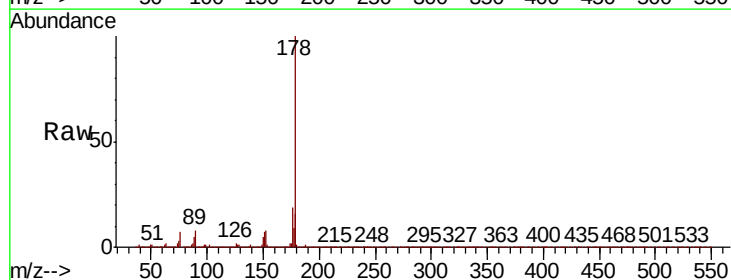
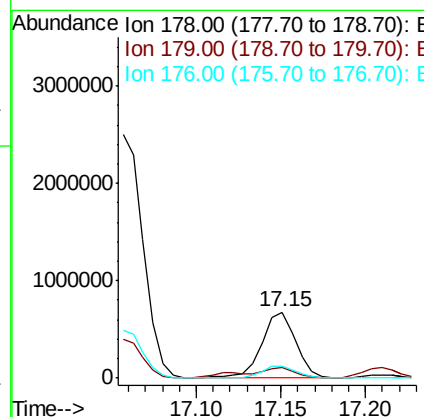
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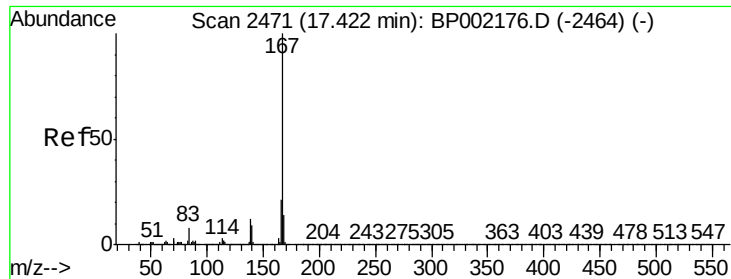
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#72
Anthracene
Concen: 10.019 ng/ul
RT: 17.15 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BP002181.D
Acq: 12 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	18.6	14.6	22.0





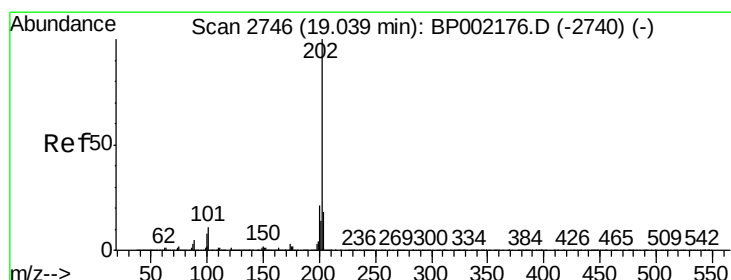
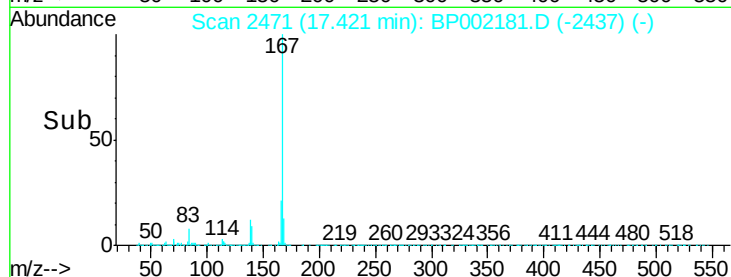
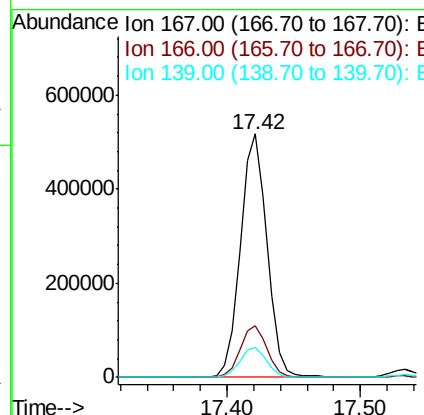
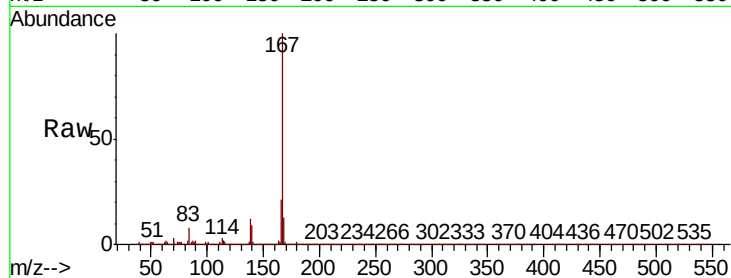
#75
 Carbazole
 Concen: 8.829 ng/ul
 RT: 17.42 min Scan# 2471
 Delta R.T. -0.00 min
 Lab File: BP002181.D
 Acq: 12 Mar 2020 13:39

Instrument :
 BNA_P
 ClientSampleId :
 C0AC4

Tot Ion:	167	Resp:	710095
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.2	25.8
139	12.3	10.1	15.1

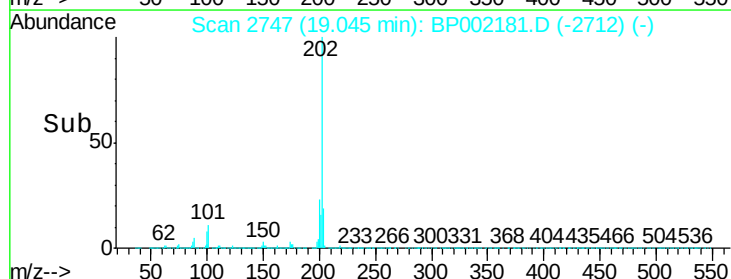
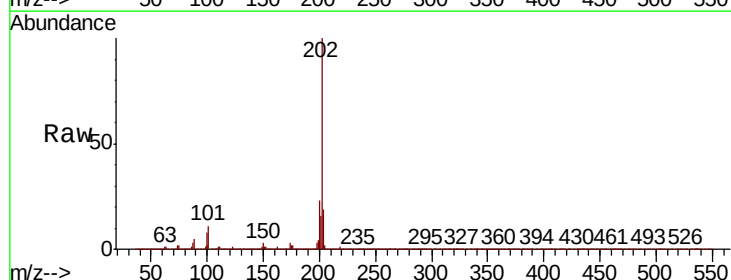
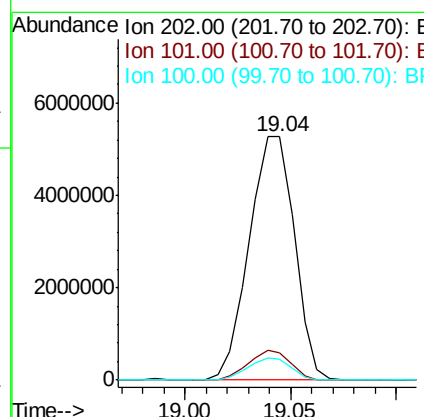
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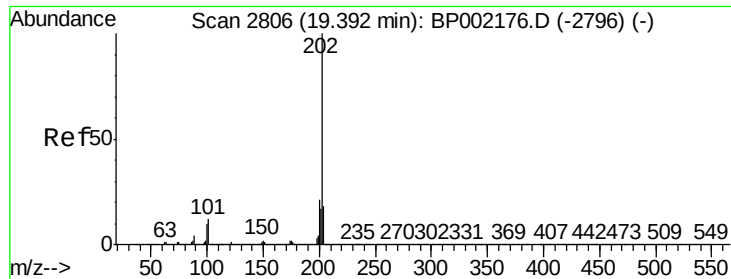
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#77
 Fluoranthene
 Concen: 70.870 ng/ul
 RT: 19.04 min Scan# 2747
 Delta R.T. 0.01 min
 Lab File: BP002181.D
 Acq: 12 Mar 2020 13:39

Tgt Ion:	202	Resp:	7887010
Ion Ratio	Lower	Upper	
202	100		
101	11.3	8.2	12.2
100	8.4	6.3	9.5





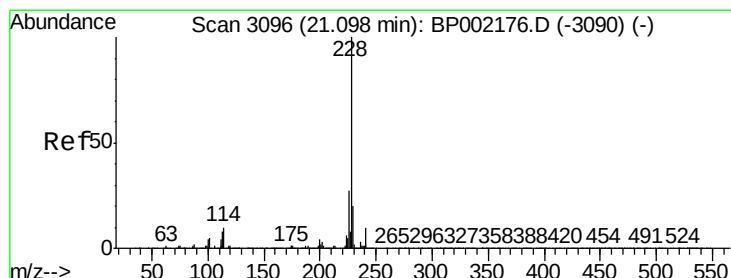
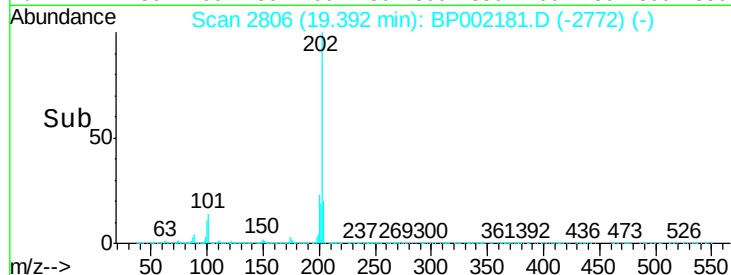
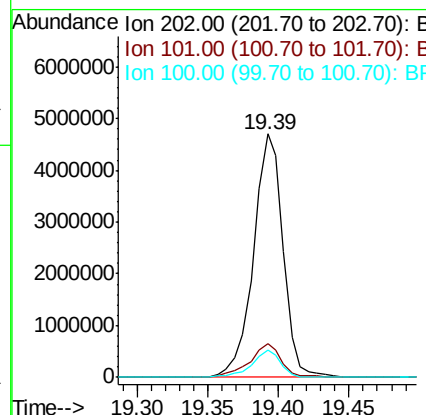
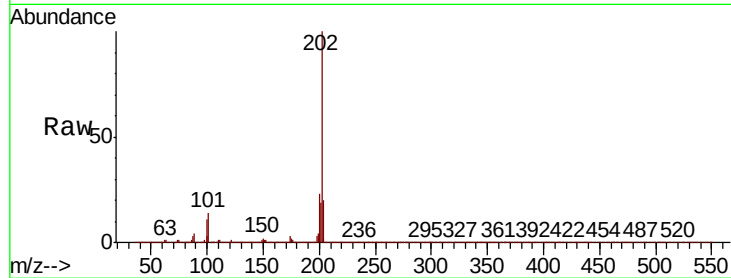
#80
Pvrene
Concen: 63.936 ng/ul
RT: 19.39 min Scan# 2806
Delta R.T. -0.00 min
Lab File: BP002181.D
Acq: 12 Mar 2020 13:39

Instrument :
BNA_P
ClientSampleId :
C0AC4

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.3	13.9
100	11.2	7.6	11.4

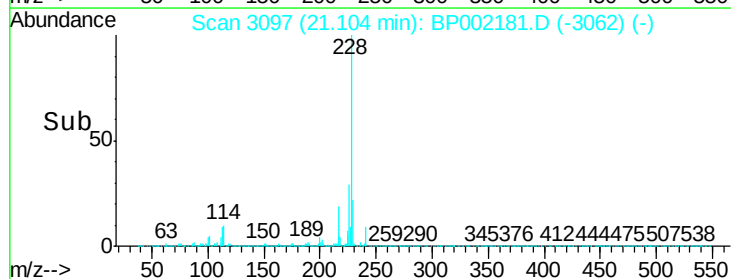
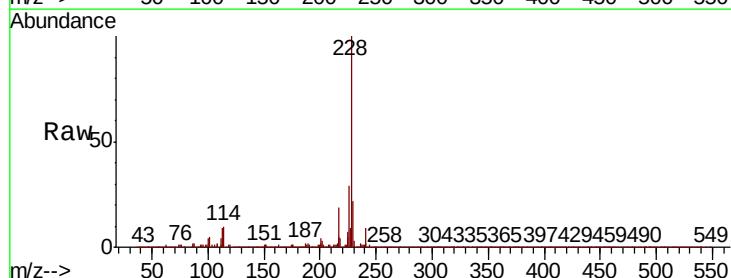
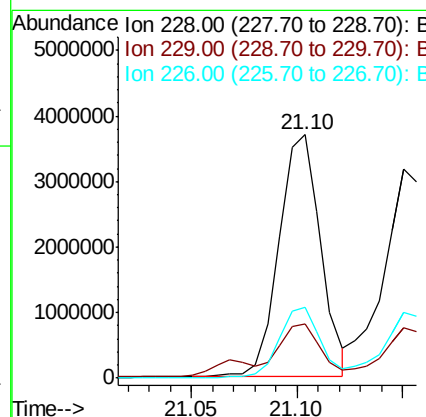
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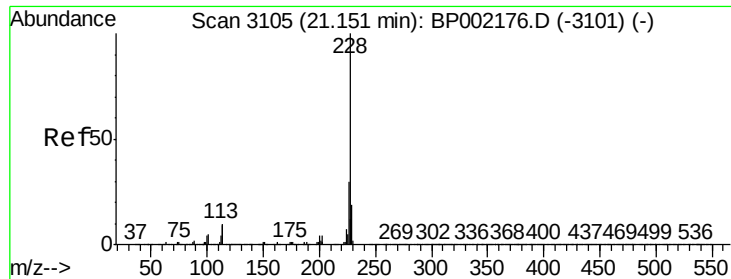
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#83
Benzo(a)anthracene
Concen: 47.007 ng/ul
RT: 21.10 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BP002181.D
Acq: 12 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.7	23.5
226	29.0	21.4	32.0





#85

Chrysene

Concen: 45.774 ng/ul m

RT: 21.15 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BP002181.D

Acq: 12 Mar 2020 13:39

Instrument :

BNA_P

ClientSampleId :

C0AC4

Tot Ion:228 Resp: 4695544

Ion Ratio Lower Upper

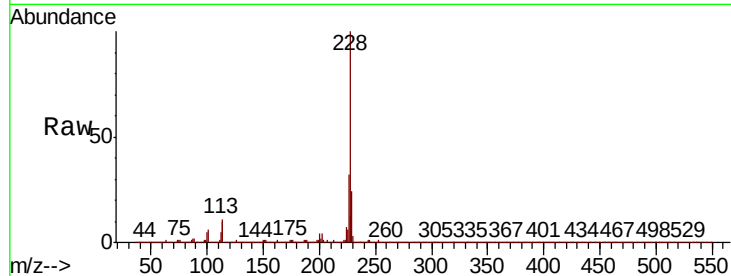
228 100

226 31.6 24.4 36.6

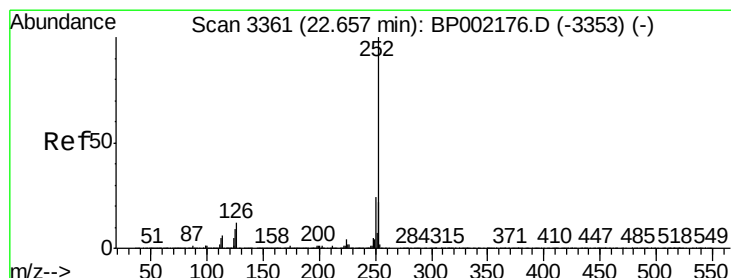
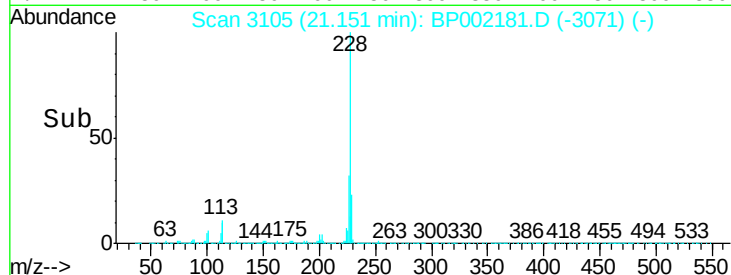
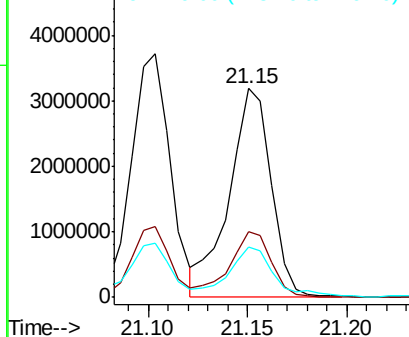
229 24.1 15.9 23.9#

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Abundance Ion 228.00 (227.70 to 228.70): E
5000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 53.385 ng/ul

RT: 22.67 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BP002181.D

Acq: 12 Mar 2020 13:39

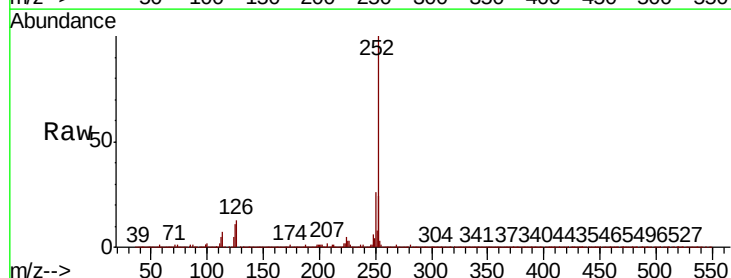
Tgt Ion:252 Resp: 6497865

Ion Ratio Lower Upper

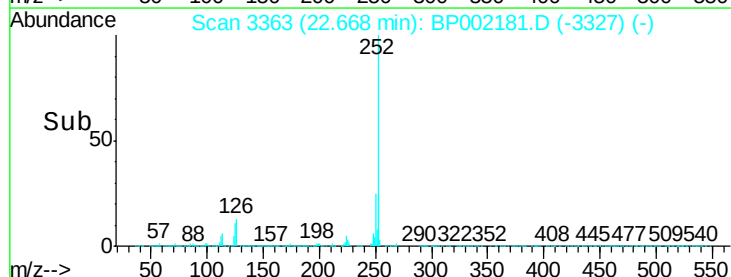
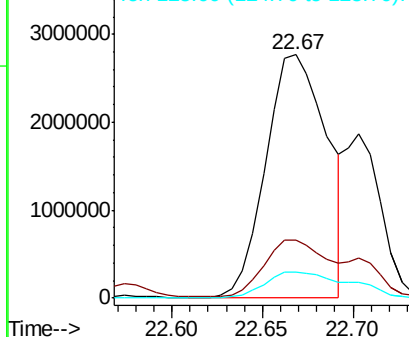
252 100

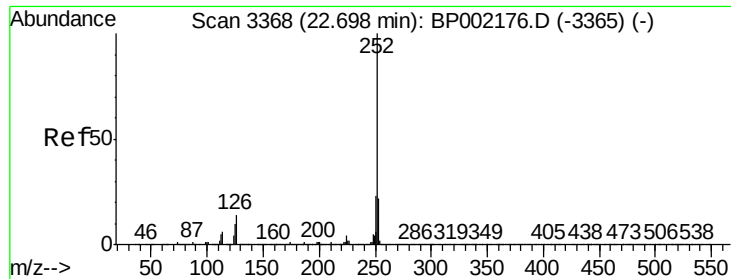
253 24.0 17.5 26.3

125 10.7 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
3000000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 20.566 ng/ul

RT: 22.70 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BP002181.D

Acq: 12 Mar 2020 13:39

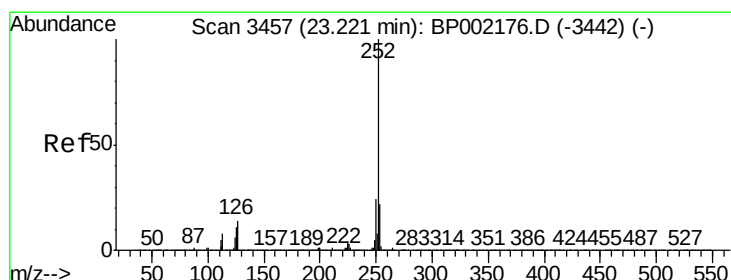
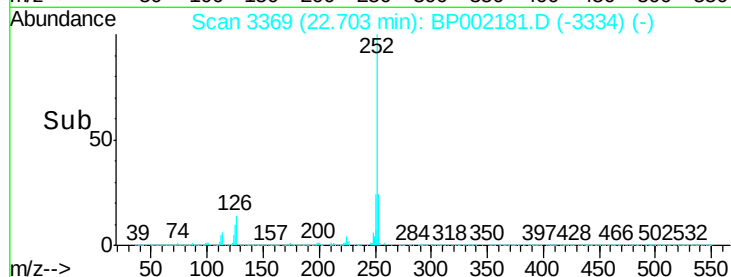
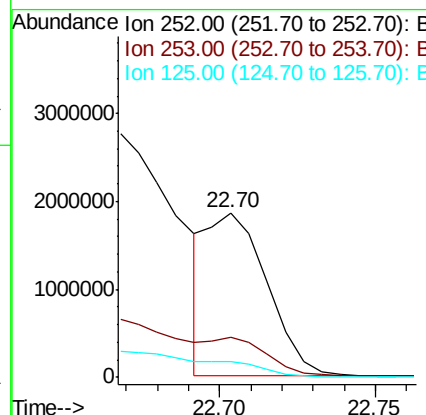
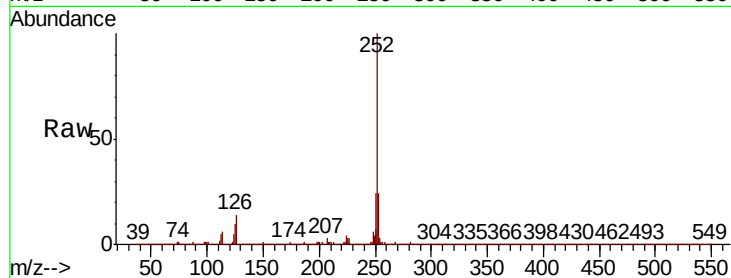
Instrument :
BNA_P
ClientSampleId :
C0AC4

Tot Ion:252 Resp: 2450337

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	9.9	7.4	11.0

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 42.438 ng/ul

RT: 23.23 min Scan# 3459

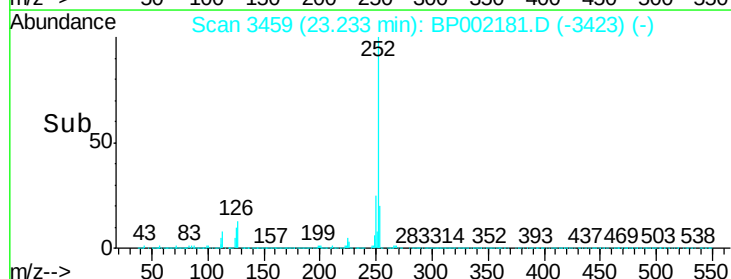
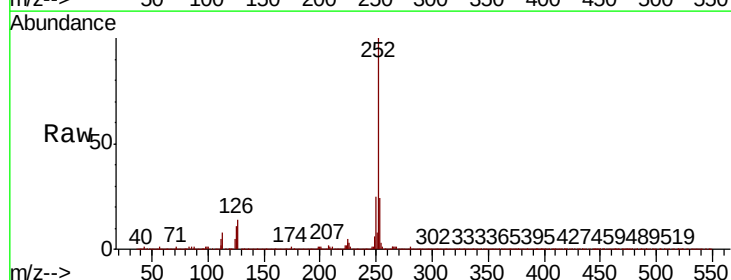
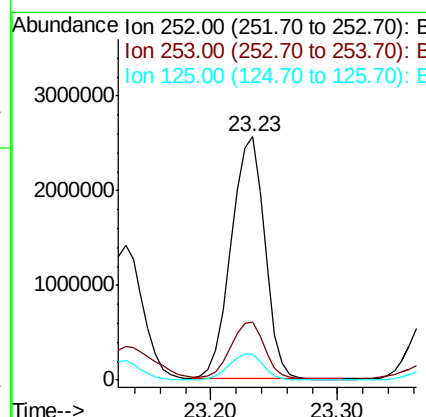
Delta R.T. 0.01 min

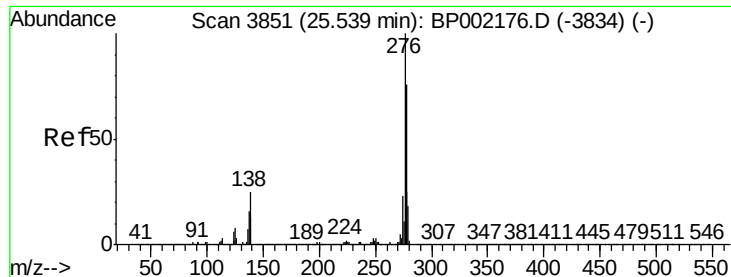
Lab File: BP002181.D

Acq: 12 Mar 2020 13:39

Tgt Ion:252 Resp: 4689210

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	10.7	8.2	12.2





#92

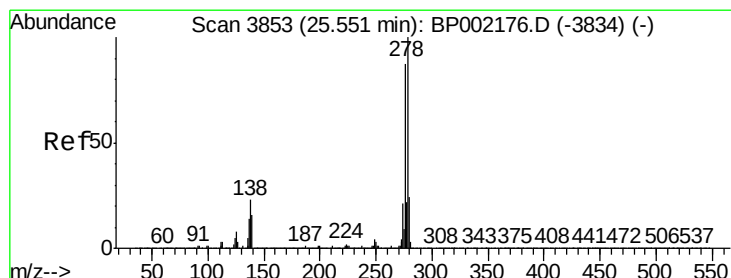
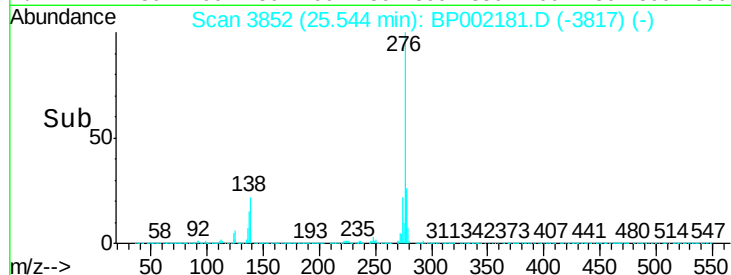
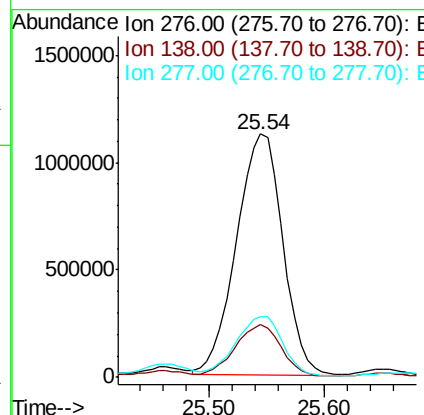
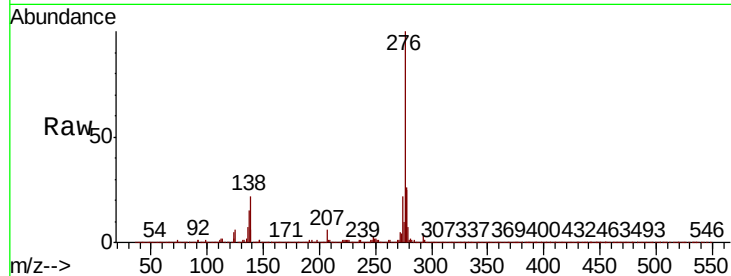
Indeno(1,2,3-cd)pyrene
Concen: 21.895 ng/ul
RT: 25.54 min Scan# 3852
Delta R.T. 0.01 min
Lab File: BP002181.D
Acq: 12 Mar 2020 13:39

Instrument :
BNA_P
ClientSampleId :
C0AC4

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	18.6	28.0
277	25.1	20.4	30.6

Manual Integrations
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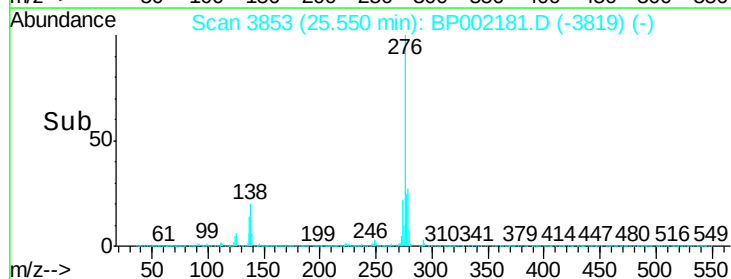
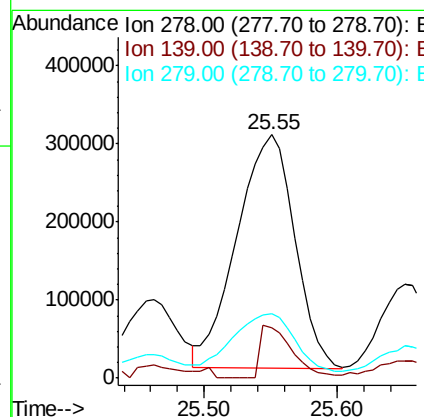
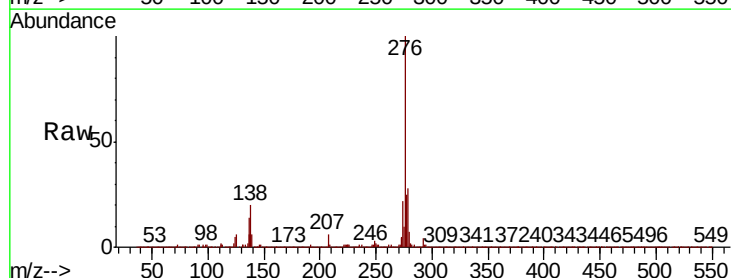
mohammad
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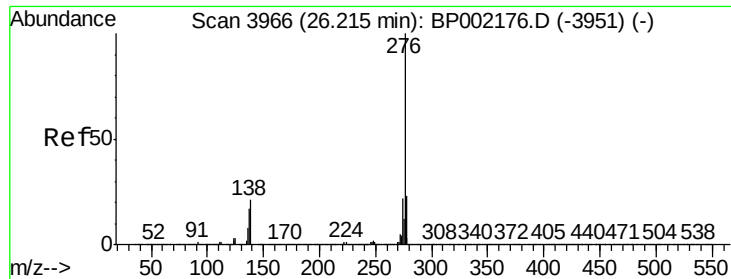


#93

Dibenzo(a,h)anthracene
Concen: 7.615 ng/ul
RT: 25.55 min Scan# 3853
Delta R.T. -0.00 min
Lab File: BP002181.D
Acq: 12 Mar 2020 13:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	12.1	18.1#
279	26.3	19.1	28.7





#94

Benzo(a,h,i)perylene

Concen: 18.971 ng/ul

RT: 26.22 min Scan# 3967

Delta R.T. 0.01 min

Lab File: BP002181.D

Acq: 12 Mar 2020 13:39

Instrument :

BNA_P

ClientSampleId :

C0AC4

Tot Ion:276 Resp: 2293374

Ion Ratio Lower Upper

276 100

138 21.2 16.2 24.2

277 24.3 18.1 27.1

Manual Integrations

APPROVED

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3/13/2020 8:57:14 AM

