

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004310.D
 Acq On : 15 Dec 2020 18:34
 Operator : CG/JU
 Sample : L5001-13DL 10X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleID :
 A54D1DL

Manual Integrations
 APPROVED

mohammad
 12/17/2020 9:53:00 AM

Quant Time: Dec 16 00:45:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 15 09:00:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	274081	20.00	ng/ul	0.01
18) Naphthalene-d8	10.64	136	1122598	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	704927	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.26	188	1557968	20.00	ng/ul	0.01
78) Chrysene-d12	21.35	240	1529051	20.00	ng/ul	0.01
86) Perylene-d12	23.72	264	1764821	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	1568	0.20	ng/uL	0.00
5) Phenol-d5	7.00	99	34635	1.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	19431	1.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	28495	1.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	26894	1.57	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	14041	1.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	14974	1.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	27235	1.63	ng/ul	0.01
29) 4-Chloroaniline-d4	10.77	131	21971	1.06	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	81603	1.51	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	108055	1.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.69	143	10030	1.10	ng/ul	0.01
58) Fluorene-d10	15.49	176	73444	1.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.63	200	4986	0.67	ng/ul	0.02
71) Anthracene-d10	17.35	188	123369	1.62	ng/ul	0.00
79) Pyrene-d10	19.60	212	135660	1.70	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.57	264	150481	1.62	ng/ul	0.02

Target Compounds

					Ovalue
50) Acenaphthene	14.56	153	117198	2.426	ng/ul 100
54) Dibenzofuran	14.89	168	117575	1.727	ng/ul 99
59) Fluorene	15.55	166	162231	2.979	ng/ul 99
70) Phenanthrene	17.30	178	2482439	27.008	ng/ul 100
72) Anthracene	17.39	178	652052	7.170	ng/ul 100
75) Carbazole	17.66	167	220558	2.981	ng/ul 99
77) Fluoranthene	19.27	202	3749275	38.202	ng/ul 98
80) Pyrene	19.62	202	3169115	30.726	ng/ul 97
83) Benzo(a)anthracene	21.33	228	1672818	16.597	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	21.26	149	223293	4.844	ng/ul# 95
85) Chrysene	21.39	228	1448414	14.649	ng/ul 98
88) Benzo(b)fluoranthene	23.00	252	1758182	15.709	ng/ul 97
89) Benzo(k)fluoranthene	23.04	252	628997m	5.472	ng/ul
91) Benzo(a)pyrene	23.62	252	1349880	12.925	ng/ul 96
92) Indeno(1,2,3-cd)pyrene	26.16	276	854213	6.522	ng/ul 94
93) Dibenzo(a,h)anthracene	26.16	278	237155	2.160	ng/ul# 86
94) Benzo(g,h,i)perylene	26.92	276	617870	5.623	ng/ul 95

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

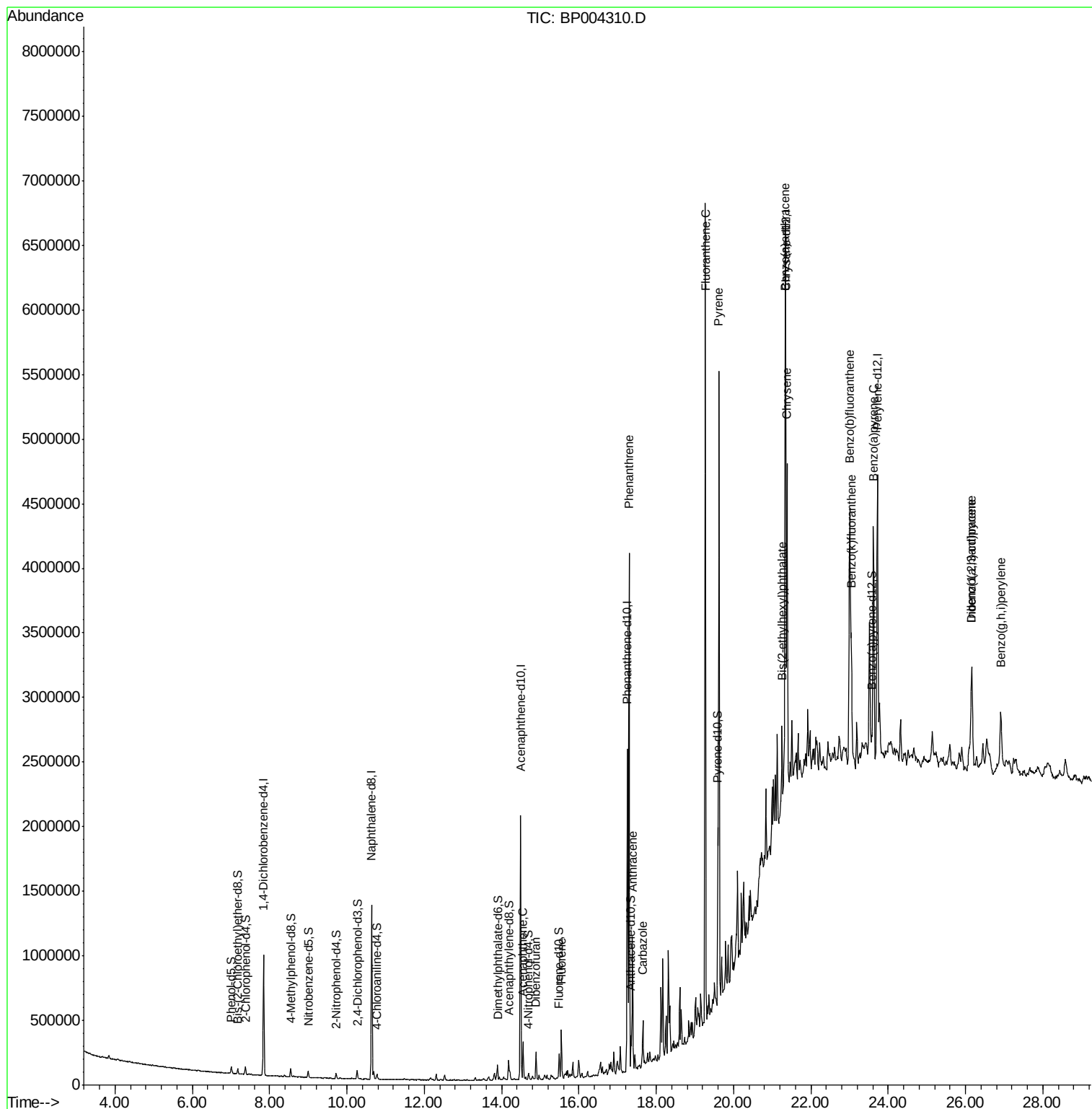
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004310.D
Acq On : 15 Dec 2020 18:34
Operator : CG/JU
Sample : L5001-13DL 10X
Misc :
ALS Vial : 45 Sample Multiplier: 1

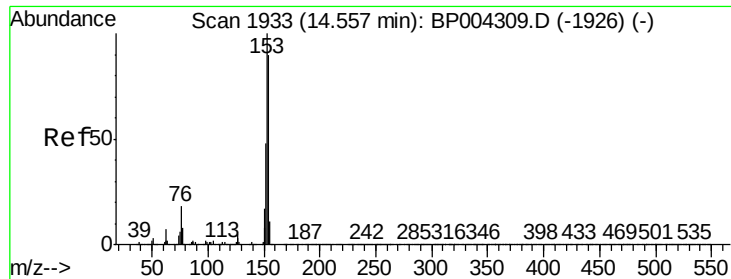
Instrument :
BNA_P
ClientSampleId :
A54D1DL

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12/17/2020 9:53:00 AM

Quant Time: Dec 16 00:45:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 09:00:06 2020
Response via : Initial Calibration





#50

Acenaphthene

Concen: 2.426 ng/ul

RT: 14.56 min Scan# 1933

Delta R.T. 0.01 min

Lab File: BP004310.D

Acq: 15 Dec 2020 18:34

Instrument :

BNA_P

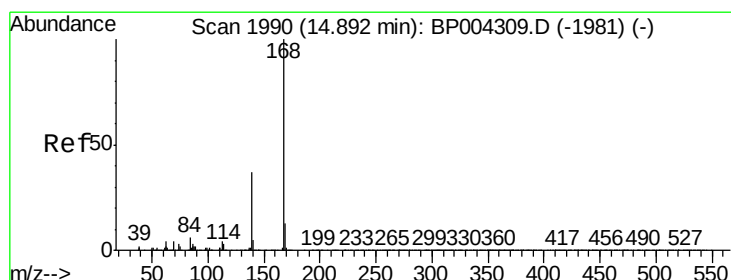
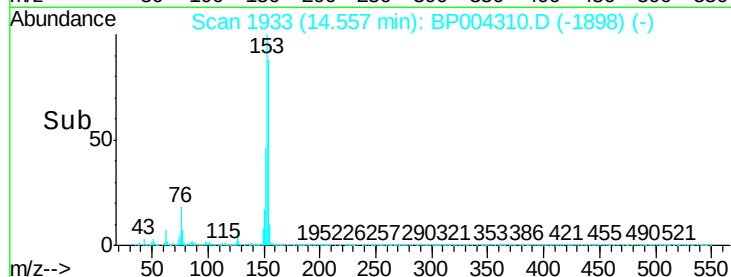
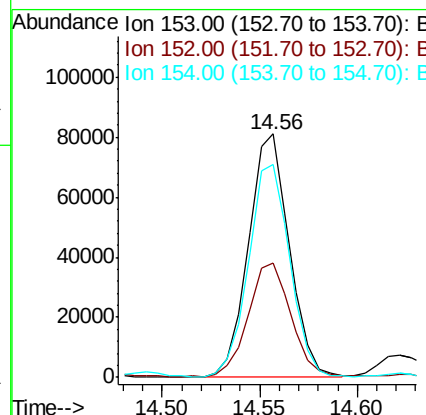
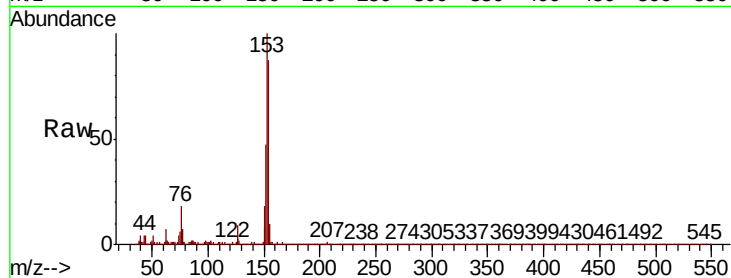
ClientSampled :

A54D1DL

Tot Ion:	153	Resp:	117198
Ion Ratio	Lower	Upper	
153	100		
152	46.9	37.8	56.6
154	87.5	69.8	104.8

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#54

Dibenzofuran

Concen: 1.727 ng/ul

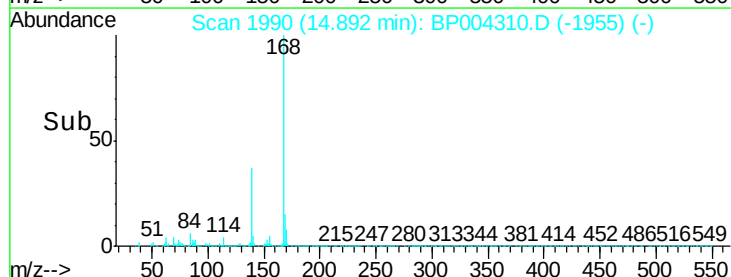
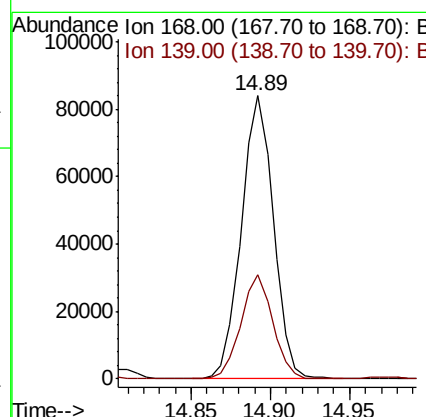
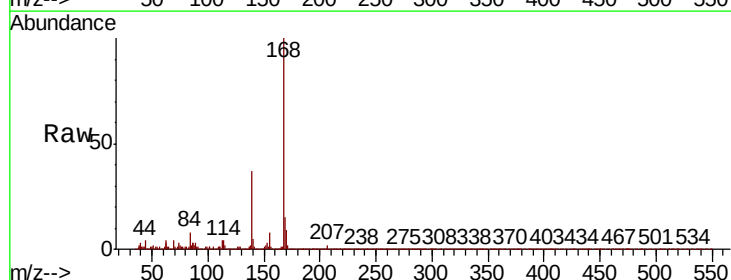
RT: 14.89 min Scan# 1990

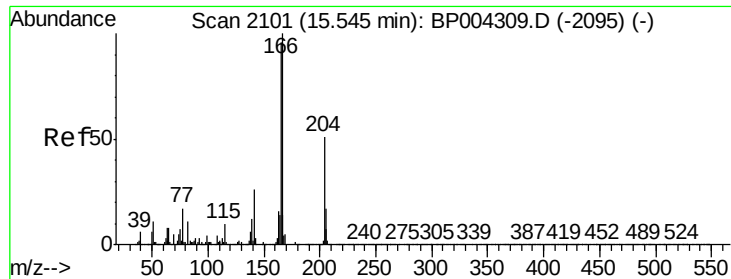
Delta R.T. 0.01 min

Lab File: BP004310.D

Acq: 15 Dec 2020 18:34

Tgt Ion:	168	Resp:	117575
Ion Ratio	Lower	Upper	
168	100		
139	36.8	29.0	43.6





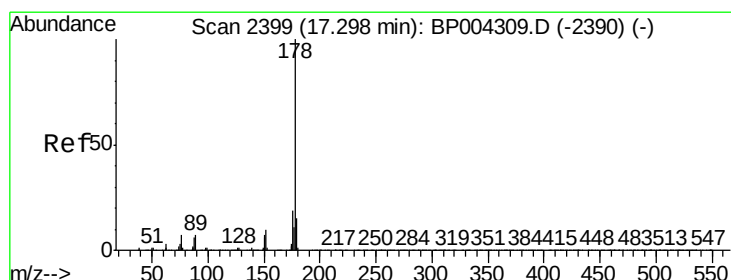
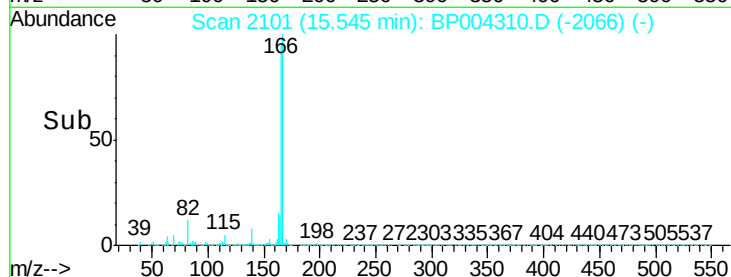
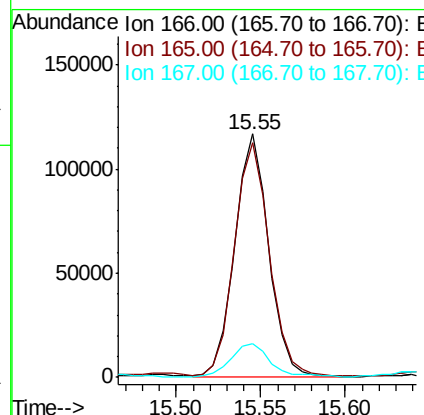
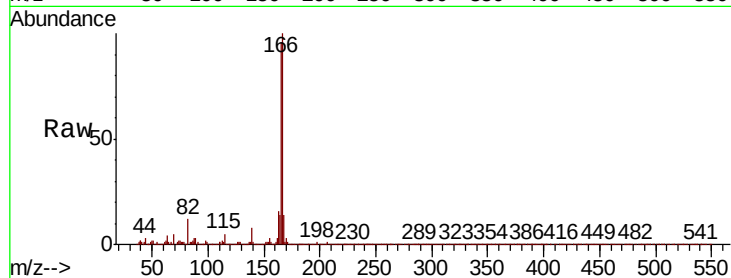
#59
Fluorene
Concen: 2.979 ng/ul
RT: 15.55 min Scan# 2101
Delta R.T. 0.01 min
Lab File: BP004310.D
Acq: 15 Dec 2020 18:34

Instrument :
BNA_P
ClientSampleId :
A54D1DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.2	117.2
167	13.8	10.8	16.2

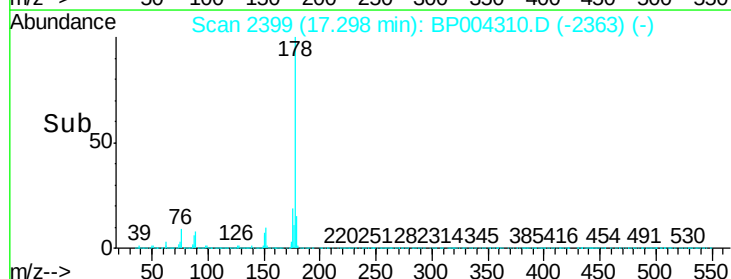
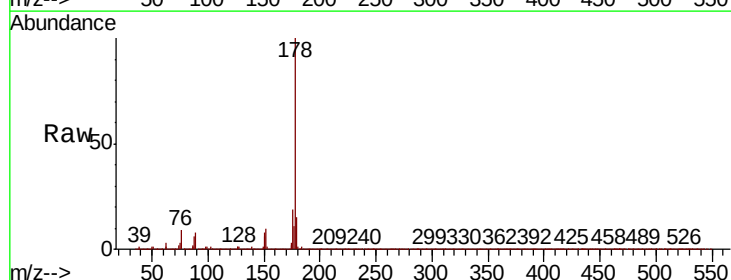
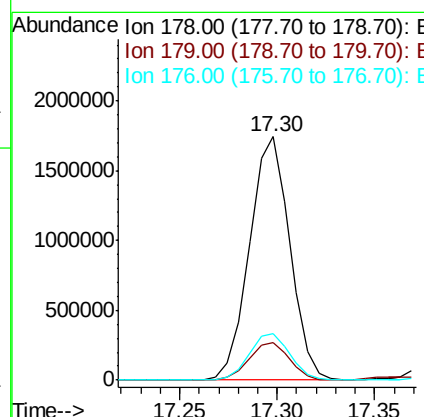
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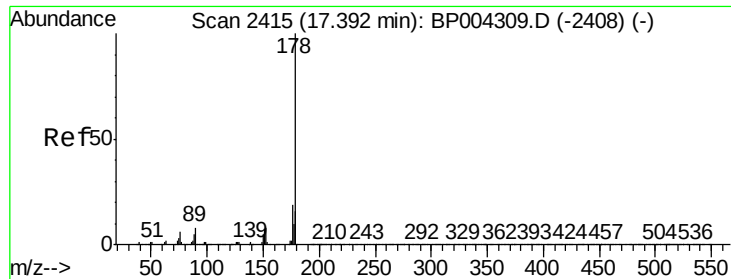
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#70
Phenanthrene
Concen: 27.008 ng/ul
RT: 17.30 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BP004310.D
Acq: 15 Dec 2020 18:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	19.0	15.4	23.0





#72

Anthracene

Concen: 7.170 ng/ul

RT: 17.39 min Scan# 2414

Delta R.T. 0.01 min

Lab File: BP004310.D

Acq: 15 Dec 2020 18:34

Instrument :

BNA_P

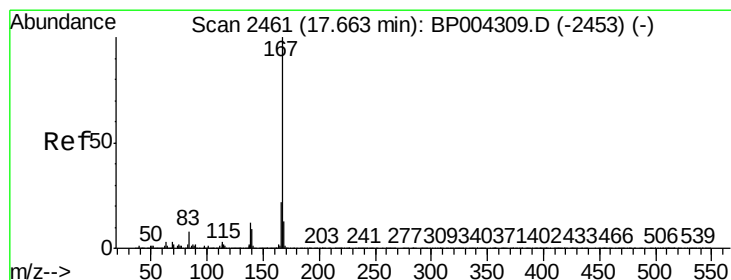
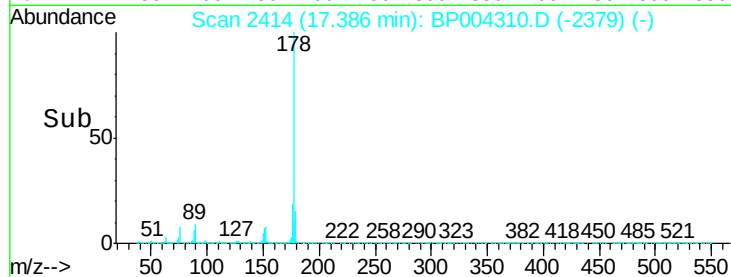
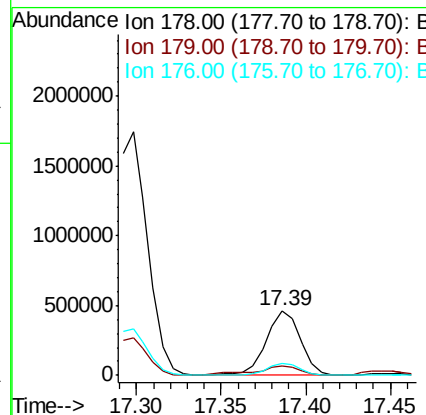
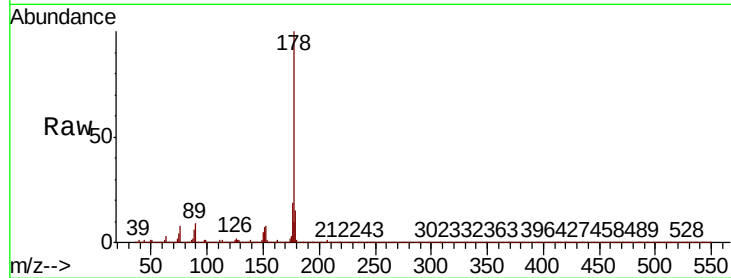
ClientSampleId :

A54D1DL

Tot Ion:	178	Resp:	652052
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.3	18.5
176	18.6	14.9	22.3

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#75

Carbazole

Concen: 2.981 ng/ul

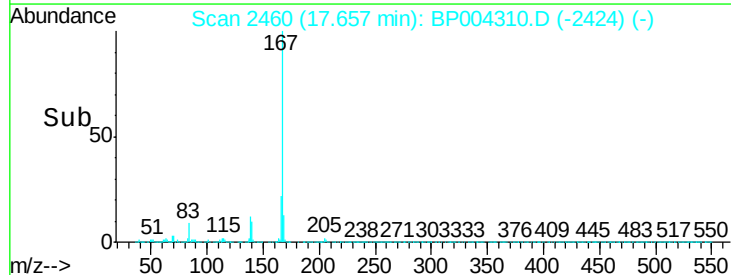
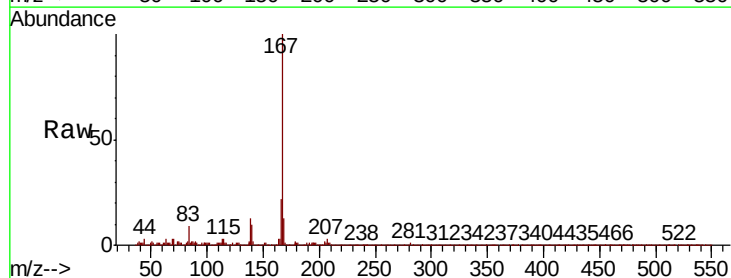
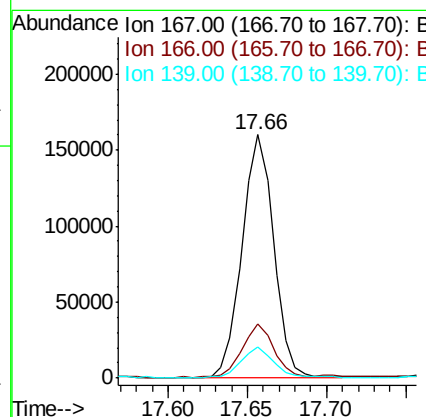
RT: 17.66 min Scan# 2460

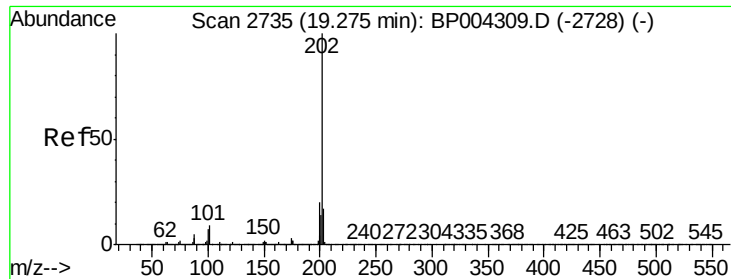
Delta R.T. 0.01 min

Lab File: BP004310.D

Acq: 15 Dec 2020 18:34

Tgt Ion:	167	Resp:	220558
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.1	25.7
139	12.9	9.8	14.6





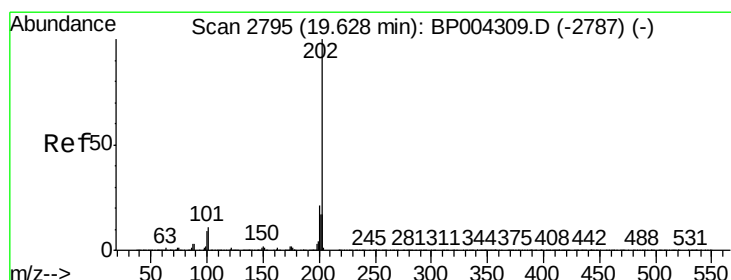
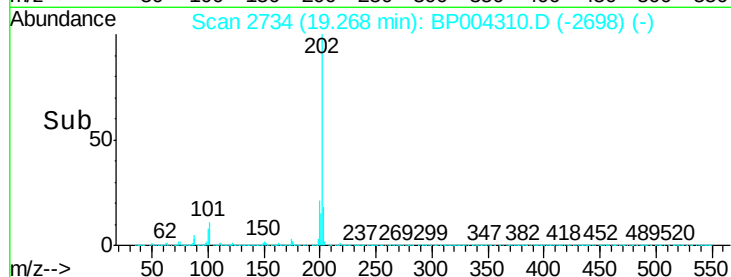
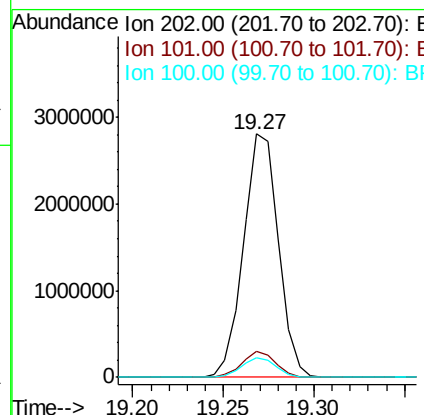
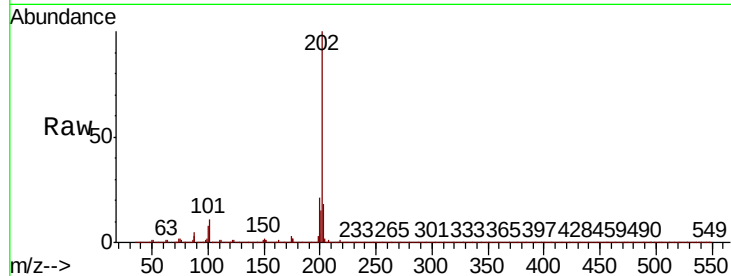
#77
 Fluoranthene
 Concen: 38.202 ng/ul
 RT: 19.27 min Scan# 2734
 Delta R.T. 0.01 min
 Lab File: BP004310.D
 Acq: 15 Dec 2020 18:34

Instrument :
 BNA_P
 ClientSampleId :
 A54D1DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.1	13.7
100	8.0	7.1	10.7

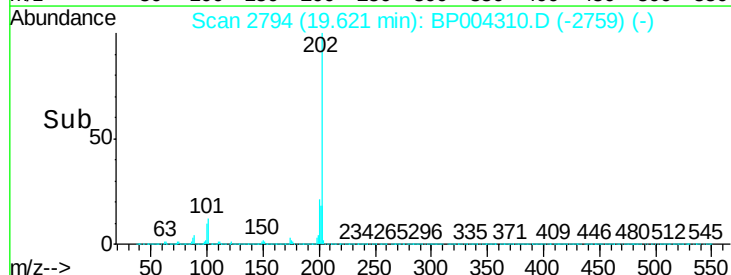
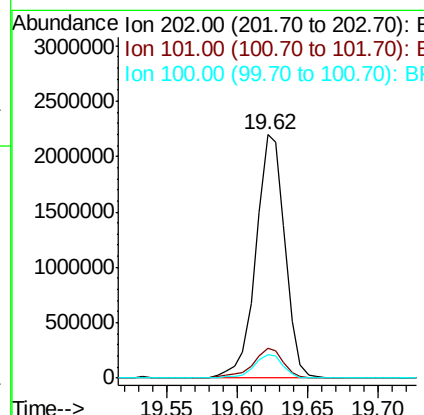
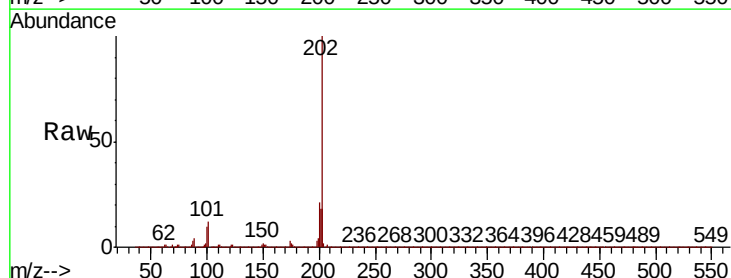
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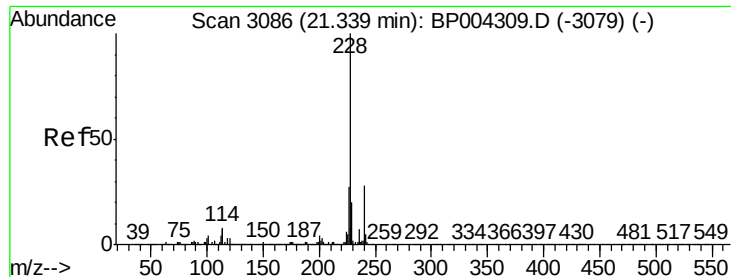
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#80
 Pyrene
 Concen: 30.726 ng/ul
 RT: 19.62 min Scan# 2794
 Delta R.T. 0.01 min
 Lab File: BP004310.D
 Acq: 15 Dec 2020 18:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.6	15.8
100	9.8	8.6	12.8





#83

Benzo(a)anthracene

Concen: 16.597 ng/ul

RT: 21.33 min Scan# 3085

Delta R.T. 0.01 min

Lab File: BP004310.D

Acq: 15 Dec 2020 18:34

Instrument :

BNA_P

ClientSampleId :

A54D1DL

Tot Ion:228 Resp: 1672818

Ion Ratio Lower Upper

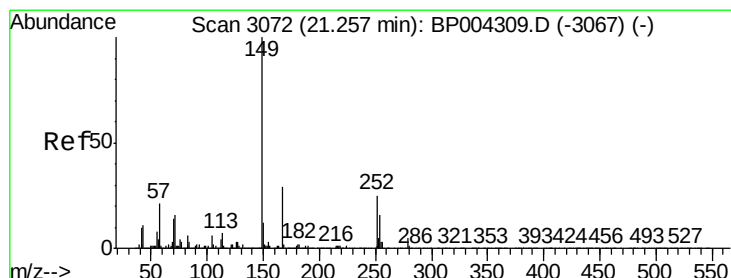
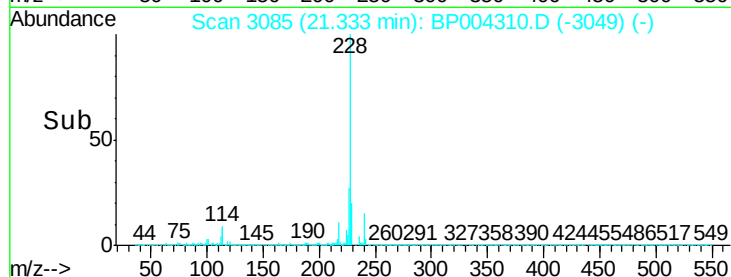
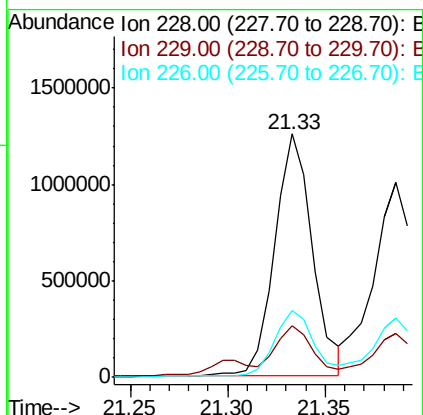
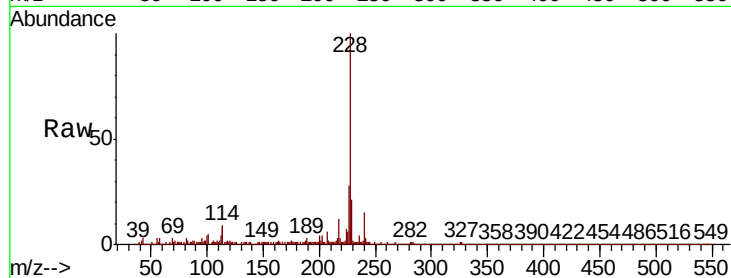
228 100

229 21.1 15.8 23.8

226 27.7 21.7 32.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 4.844 ng/ul

RT: 21.26 min Scan# 3072

Delta R.T. 0.01 min

Lab File: BP004310.D

Acq: 15 Dec 2020 18:34

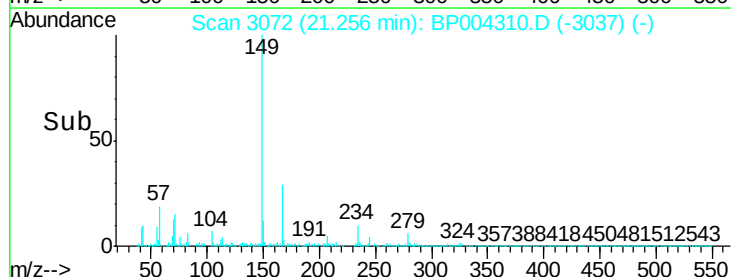
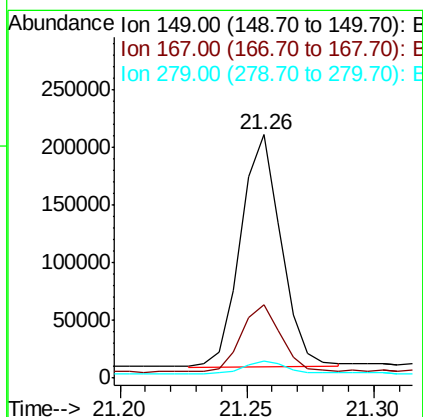
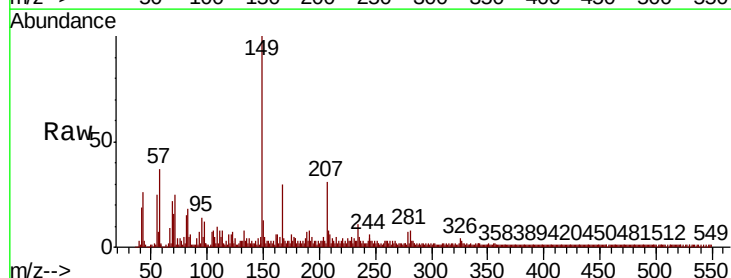
Tgt Ion:149 Resp: 223293

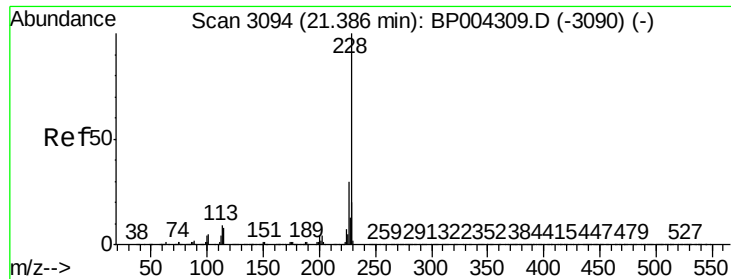
Ion Ratio Lower Upper

149 100

167 30.2 22.2 33.4

279 6.9 3.6 5.4#





#85

Chrysene

Concen: 14.649 ng/ul

RT: 21.39 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BP004310.D

Acq: 15 Dec 2020 18:34

Instrument :

BNA_P

ClientSampleId :

A54D1DL

Tot Ion:228 Resp: 1448414

Ion Ratio Lower Upper

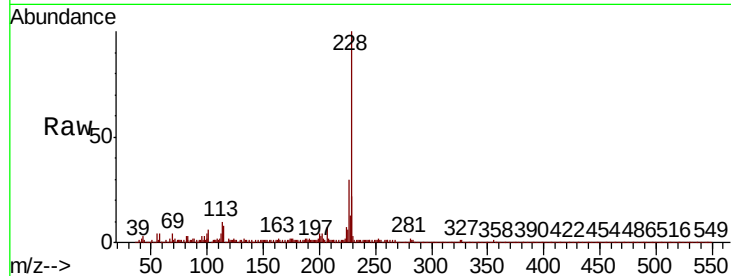
228 100

226 30.3 24.2 36.2

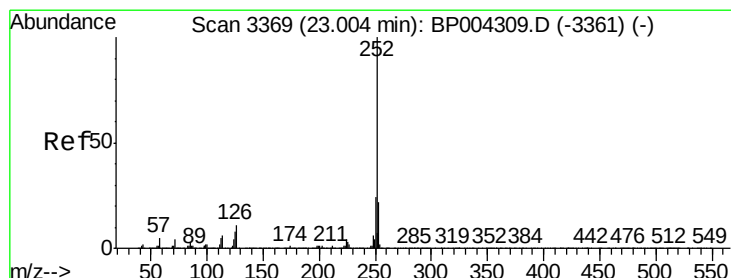
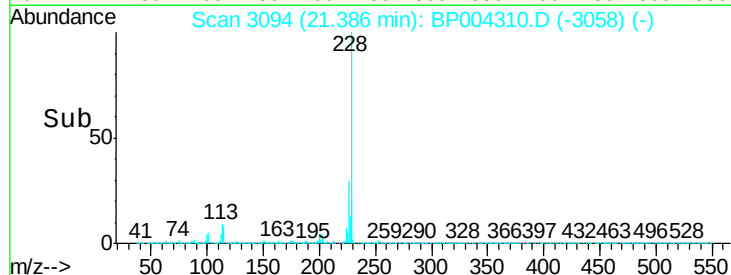
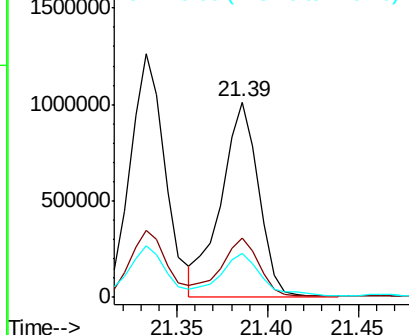
229 22.5 15.8 23.8

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



#88

Benzo(b)fluoranthene

Concen: 15.709 ng/ul

RT: 23.00 min Scan# 3369

Delta R.T. 0.02 min

Lab File: BP004310.D

Acq: 15 Dec 2020 18:34

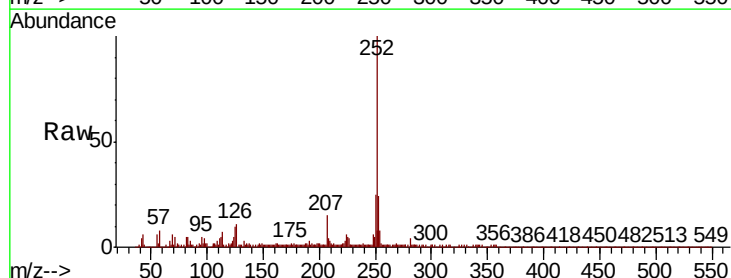
Tgt Ion:252 Resp: 1758182

Ion Ratio Lower Upper

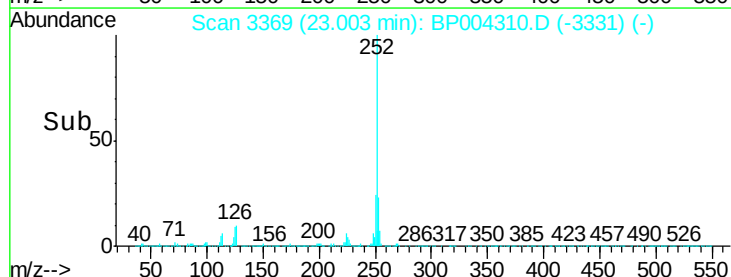
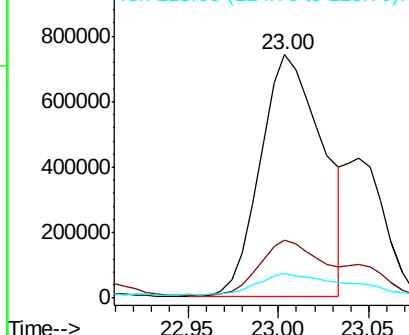
252 100

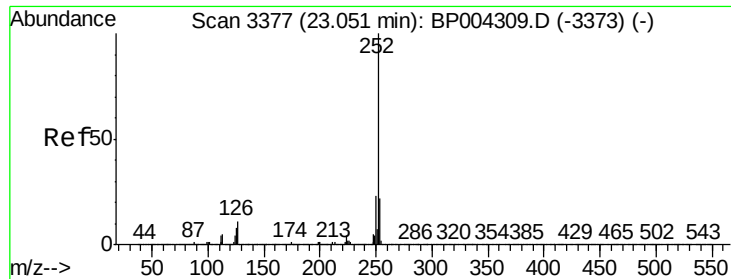
253 24.1 17.6 26.4

125 10.0 7.7 11.5



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





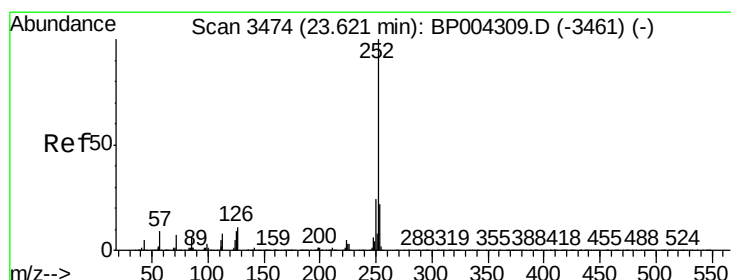
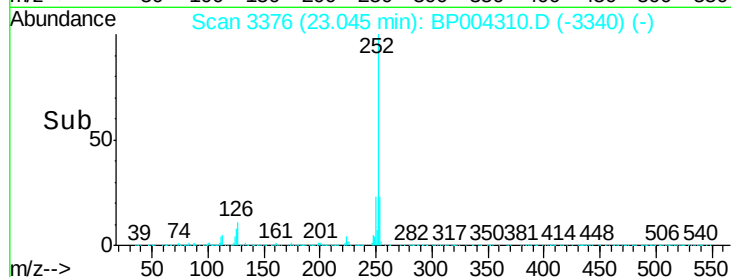
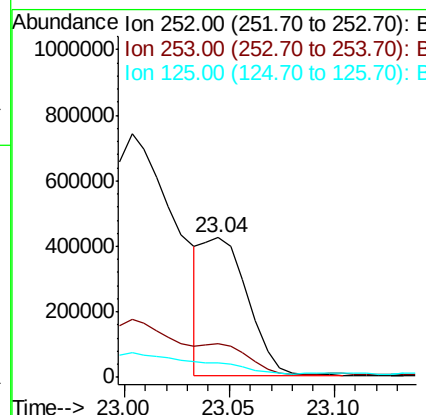
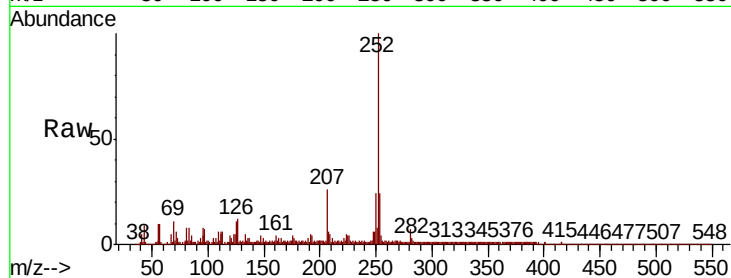
#89
Benzo(k)fluoranthene
Concen: 5.472 ng/ul m
RT: 23.04 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BP004310.D
Acq: 15 Dec 2020 18:34

Instrument :
BNA_P
ClientSampled :
A54D1DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.2
125	10.6	7.3	10.9

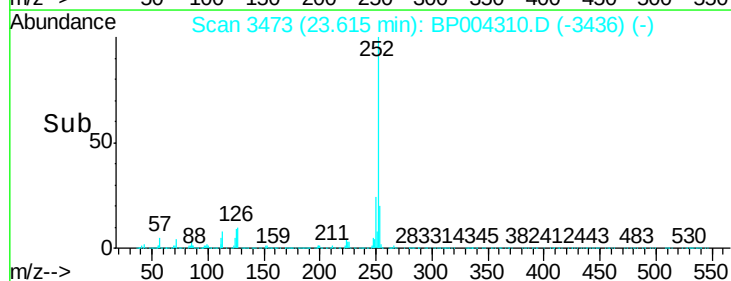
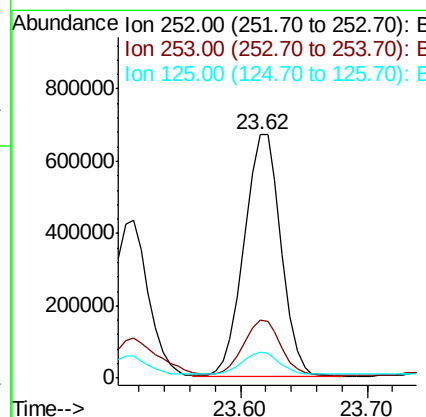
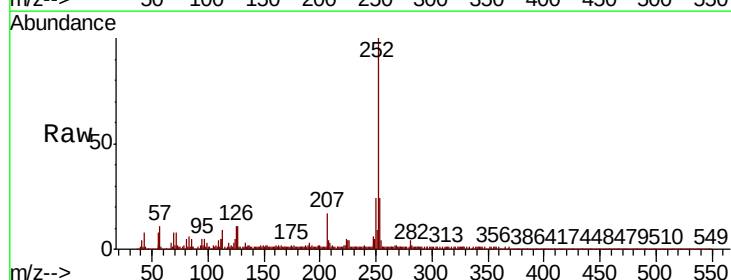
Manual Integrations
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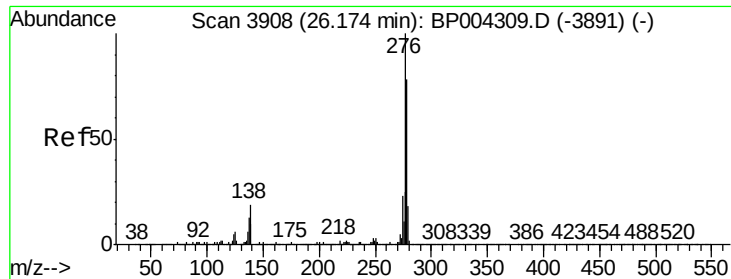
mohammad
12/17/2020 9:53:00 AM



#91
Benzo(a)pyrene
Concen: 12.925 ng/ul
RT: 23.62 min Scan# 3473
Delta R.T. 0.02 min
Lab File: BP004310.D
Acq: 15 Dec 2020 18:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	10.8	7.8	11.6





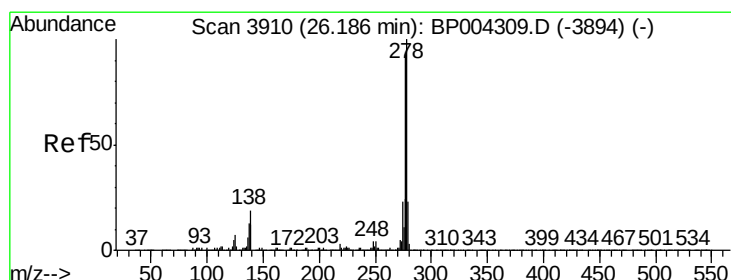
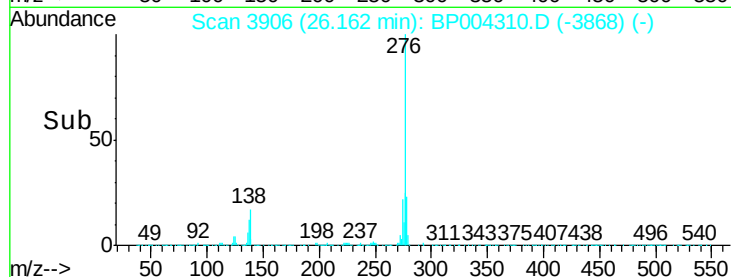
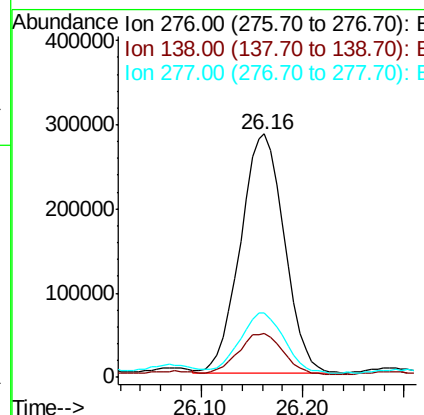
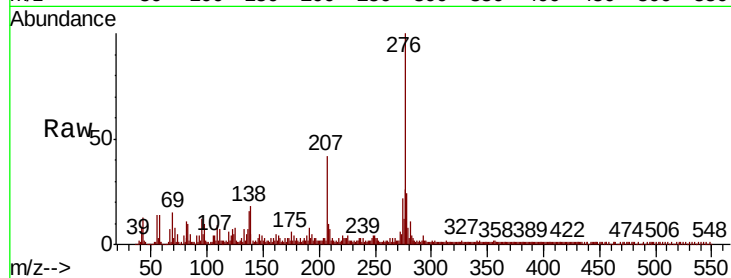
#92
Indeno(1,2,3-cd)pyrene
Concen: 6.522 ng/ul
RT: 26.16 min Scan# 3906
Delta R.T. 0.02 min
Lab File: BP004310.D
Acq: 15 Dec 2020 18:34

Instrument :
BNA_P
ClientSampleId :
A54D1DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.3	17.8	26.6
277	26.4	19.8	29.6

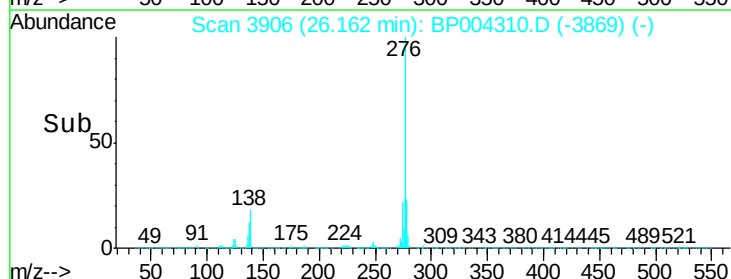
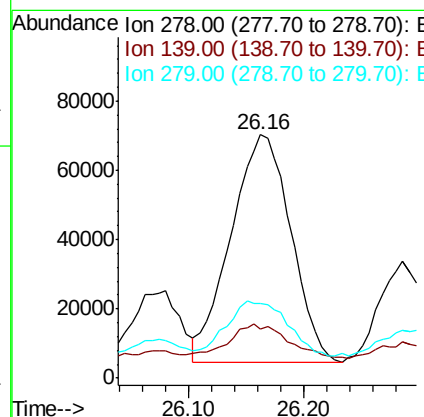
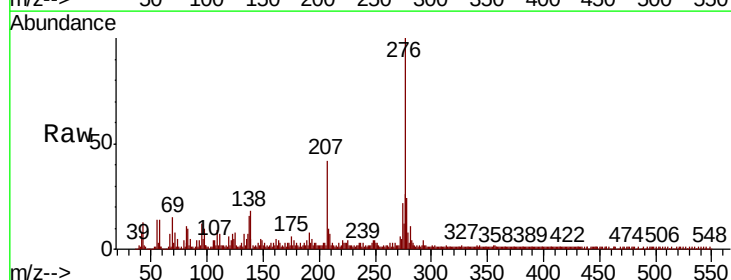
Manual Integrations
APPROVED

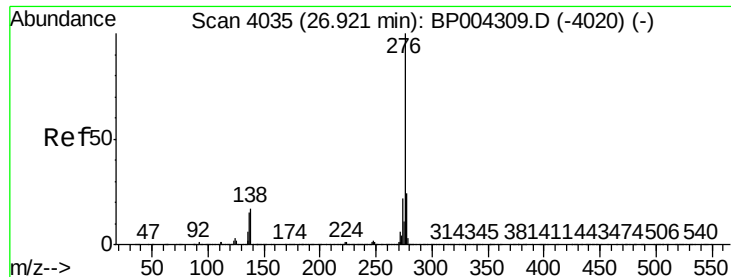
mohammad
12/17/2020 9:53:00 AM



#93
Dibenzo(a,h)anthracene
Concen: 2.160 ng/ul
RT: 26.16 min Scan# 3906
Delta R.T. 0.02 min
Lab File: BP004310.D
Acq: 15 Dec 2020 18:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	11.9	17.9#
279	30.9	18.6	28.0#





#94

Benzo(a,h,i)perylene

Concen: 5.623 ng/ul

RT: 26.92 min Scan# 4034

Delta R.T. 0.04 min

Lab File: BP004310.D

Acq: 15 Dec 2020 18:34

Instrument :

BNA_P

ClientSampleId :

A54D1DL

Tot Ion:	276	Resp:	617870
Ion Ratio		Lower	Upper
276	100		
138	19.1	16.6	25.0
277	25.9	18.5	27.7

Manual Integrations
APPROVED

mohammad
12/17/2020 9:53:00 AM

