

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004313.D
 Acq On : 15 Dec 2020 20:16
 Operator : CG/JU
 Sample : L5001-10DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54C8DL

Quant Time: Dec 16 00:28:46 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	321412	20.00	ng/ul	0.01
18) Naphthalene-d8	10.64	136	1325477	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	831079	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.26	188	1837847	20.00	ng/ul	0.01
78) Chrysene-d12	21.35	240	1784920	20.00	ng/ul	0.01
86) Perylene-d12	23.72	264	2013007	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	1541	0.17	ng/uL	0.00
5) Phenol-d5	7.00	99	28441	1.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	15996	0.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	22486	1.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	21027	1.05	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	11377	1.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	11851	1.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	24130	1.23	ng/ul	0.01
29) 4-Chloroaniline-d4	10.77	131	22940	0.94	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	74168	1.17	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	98276	1.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.69	143	8853	0.83	ng/ul	0.01
58) Fluorene-d10	15.49	176	66760	1.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.62	200	709	0.08	ng/ul	0.01
71) Anthracene-d10	17.35	188	121048	1.35	ng/ul	0.00
79) Pyrene-d10	19.59	212	132352	1.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.57	264	141498	1.33	ng/ul	0.02

Target Compounds

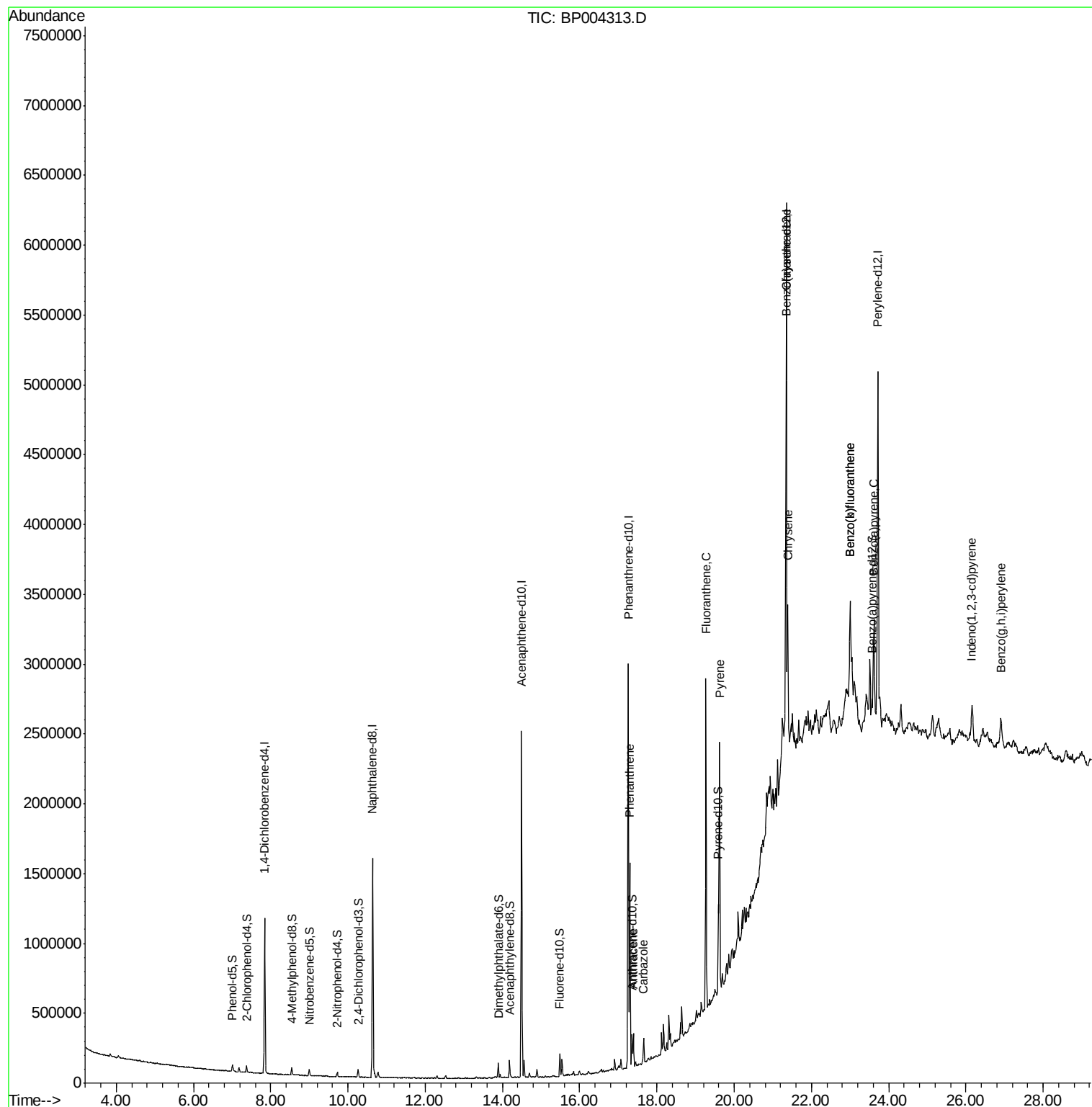
					Ovalue	
70) Phenanthrene	17.30	178	924184	8.524	ng/ul	100
72) Anthracene	17.39	178	154849	1.444	ng/ul	99
75) Carbazole	17.66	167	115290	1.321	ng/ul	99
77) Fluoranthene	19.27	202	1378168	11.904	ng/ul	97
80) Pyrene	19.62	202	1142203	9.487	ng/ul	97
83) Benzo(a)anthracene	21.33	228	564412	4.797	ng/ul	97
85) Chrysene	21.39	228	535694	4.641	ng/ul	96
88) Benzo(b)fluoranthene	23.00	252	711198	5.571	ng/ul#	93
89) Benzo(k)fluoranthene	23.00	252	711198	5.425	ng/ul#	92
91) Benzo(a)pyrene	23.62	252	483340	4.057	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	26.16	276	335720	2.247	ng/ul	94
94) Benzo(g,h,i)perylene	26.91	276	266689	2.128	ng/ul#	92

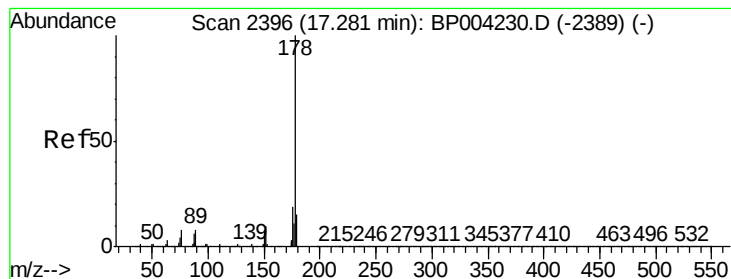
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#70

Phenanthrene

Concen: 8.524 ng/ul

RT: 17.30 min Scan# 2399

Delta R.T. 0.01 min

Lab File: BP004313.D

Acq: 15 Dec 2020 20:16

Instrument :

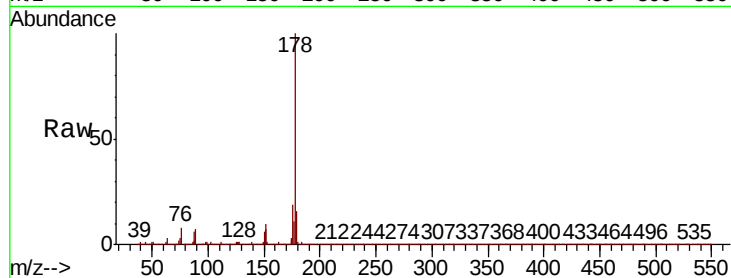
BNA_P

ClientSampleId :

A54C8DL

Tot Ion:178 Resp: 924184

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.0	15.4	23.0

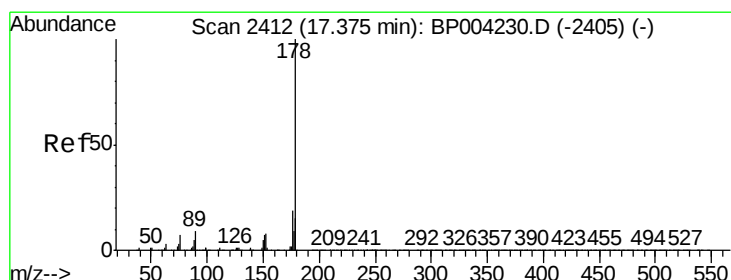
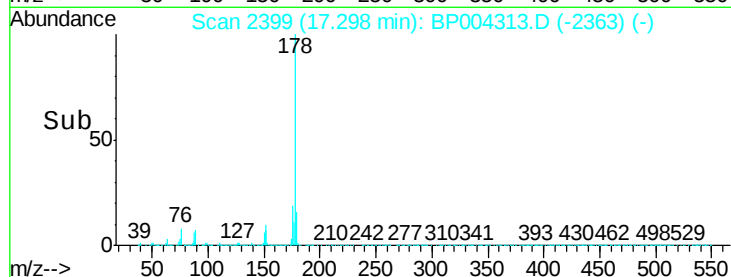
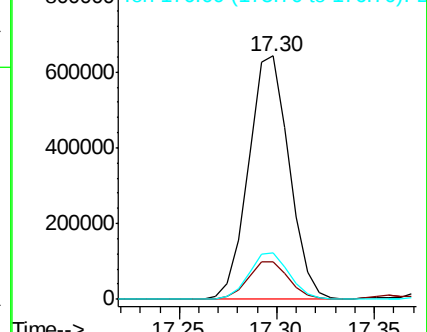


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 1.444 ng/ul

RT: 17.39 min Scan# 2414

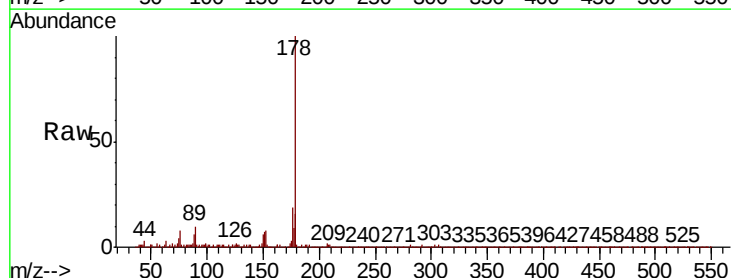
Delta R.T. 0.01 min

Lab File: BP004313.D

Acq: 15 Dec 2020 20:16

Tgt Ion:178 Resp: 154849

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	18.8	14.9	22.3

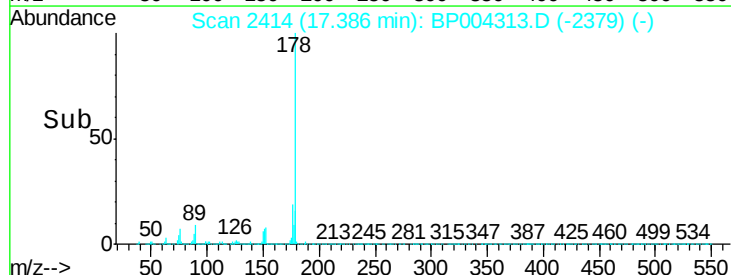
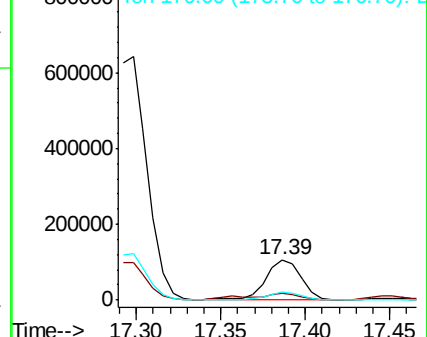


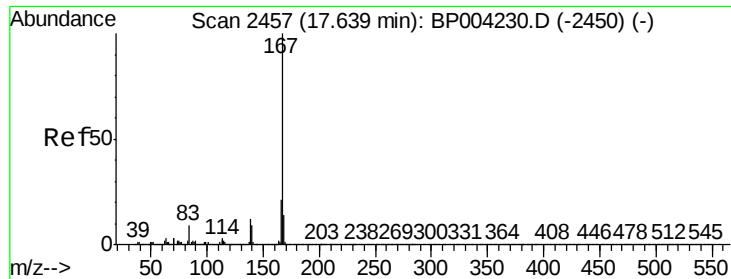
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 1.321 ng/ul

RT: 17.66 min Scan# 2460

Delta R.T. 0.01 min

Lab File: BP004313.D

Acq: 15 Dec 2020 20:16

Instrument :

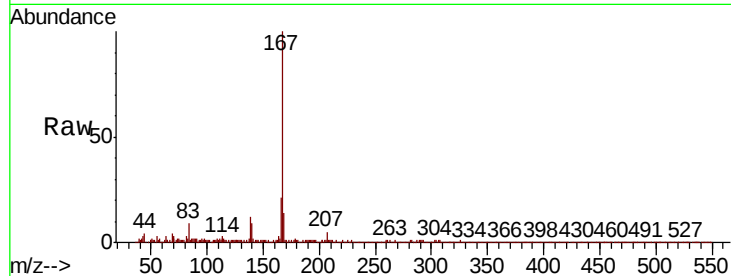
BNA_P

ClientSampleId :

A54C8DL

Tot Ion:167 Resp: 115290

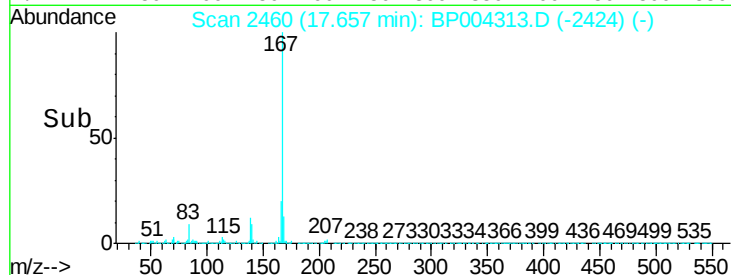
Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.1	25.7
139	12.4	9.8	14.6



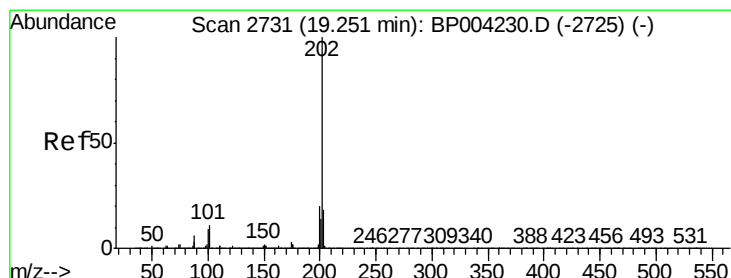
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#77

Fluoranthene

Concen: 11.904 ng/ul

RT: 19.27 min Scan# 2734

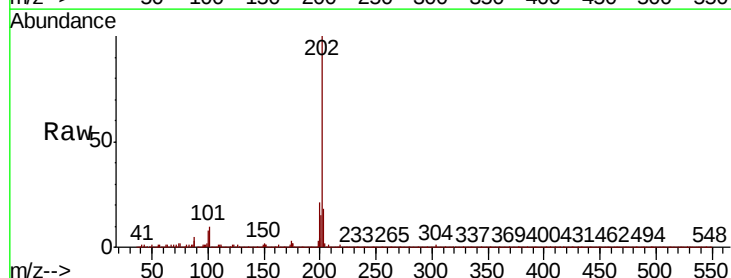
Delta R.T. 0.01 min

Lab File: BP004313.D

Acq: 15 Dec 2020 20:16

Tgt Ion:202 Resp: 1378168

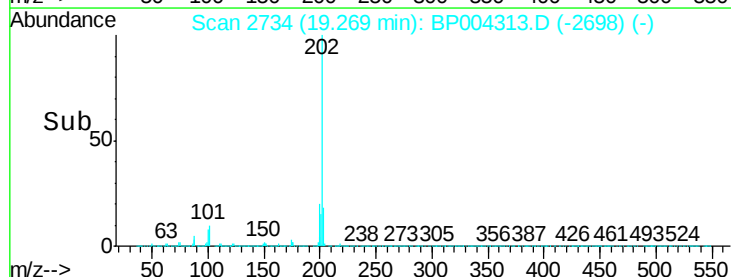
Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.1	13.7
100	7.7	7.1	10.7



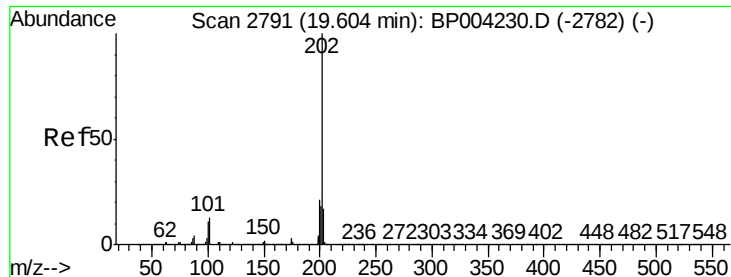
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



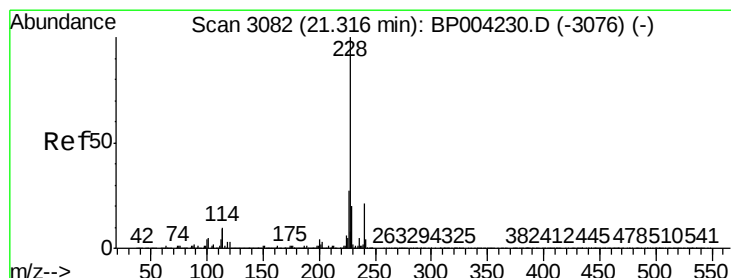
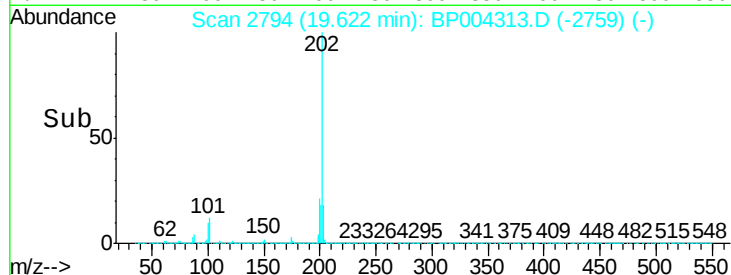
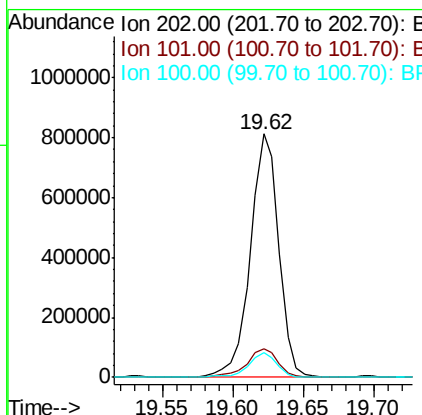
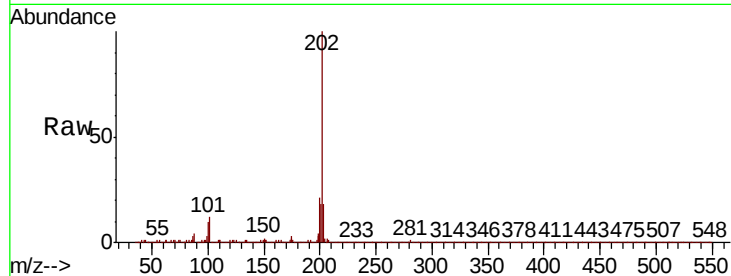
Time-->



#80
Pvrene
Concen: 9.487 ng/ul
RT: 19.62 min Scan# 2794
Delta R.T. 0.01 min
Lab File: BP004313.D
Acq: 15 Dec 2020 20:16

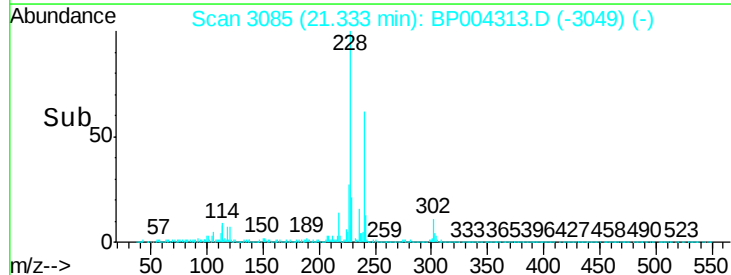
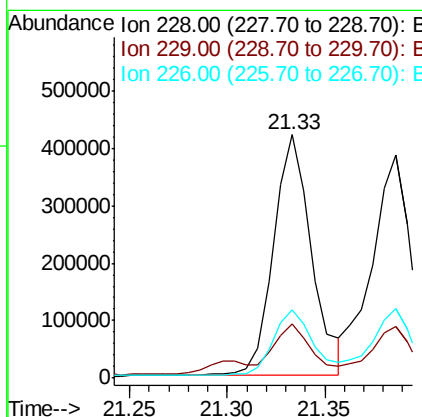
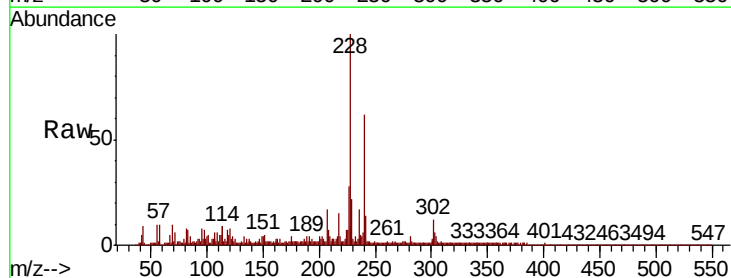
Instrument :
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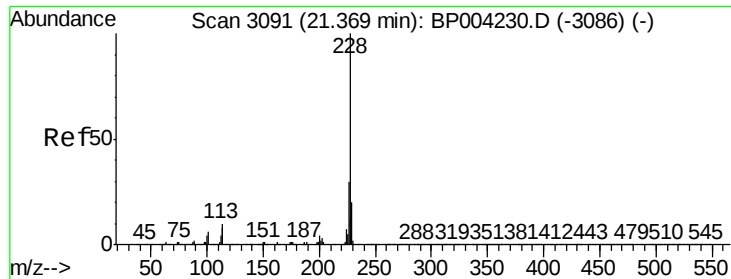
Tot Ion:202 Resp: 1142203
Ion Ratio Lower Upper
202 100
101 11.5 10.6 15.8
100 9.9 8.6 12.8



#83
Benzo(a)anthracene
Concen: 4.797 ng/ul
RT: 21.33 min Scan# 3085
Delta R.T. 0.01 min
Lab File: BP004313.D
Acq: 15 Dec 2020 20:16

Tgt Ion:228 Resp: 564412
Ion Ratio Lower Upper
228 100
229 22.2 15.8 23.8
226 28.1 21.7 32.5





#85

Chrysene

Concen: 4.641 ng/ul

RT: 21.39 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BP004313.D

Acq: 15 Dec 2020 20:16

Instrument :

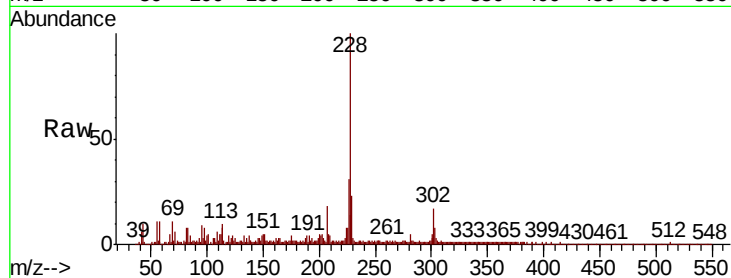
BNA_P

ClientSampleId :

A54C8DL

Tot Ion:228 Resp: 535694

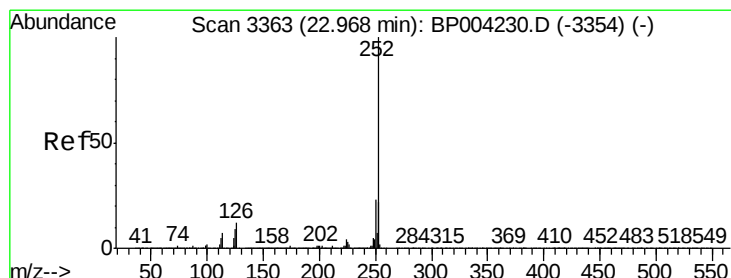
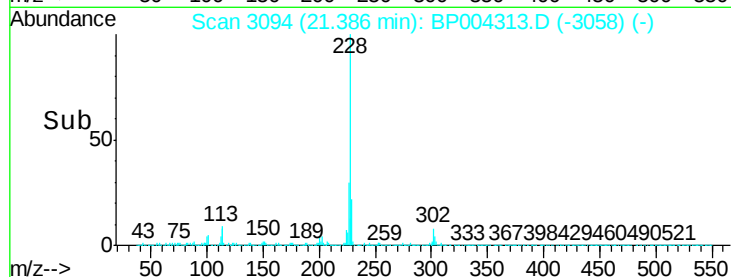
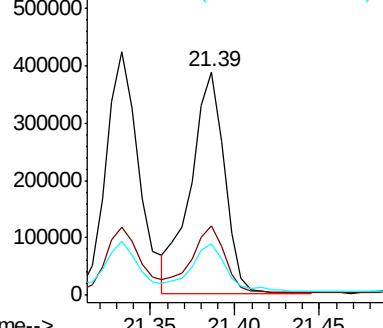
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.2
229	23.0	15.8	23.8



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: 5.571 ng/ul

RT: 23.00 min Scan# 3369

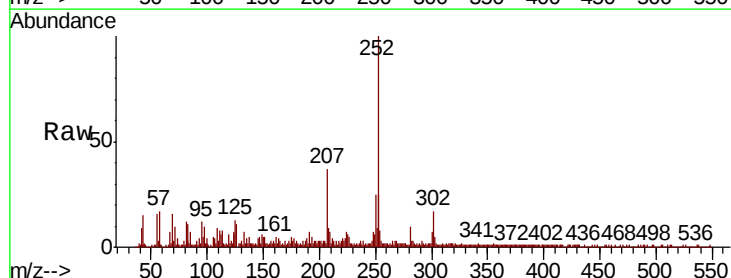
Delta R.T. 0.02 min

Lab File: BP004313.D

Acq: 15 Dec 2020 20:16

Tgt Ion:252 Resp: 711198

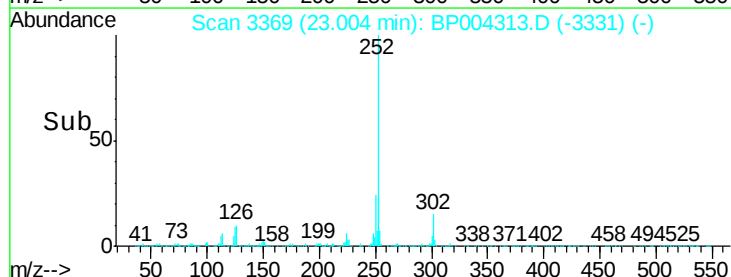
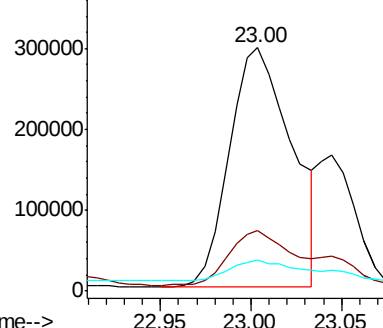
Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.6	26.4
125	12.9	7.7	11.5

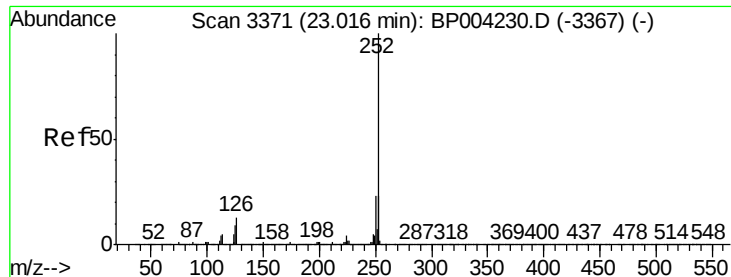


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 5.425 ng/ul

RT: 23.00 min Scan# 3369

Delta R.T. -0.03 min

Lab File: BP004313.D

Acq: 15 Dec 2020 20:16

Instrument :

BNA_P

ClientSampleId :

A54C8DL

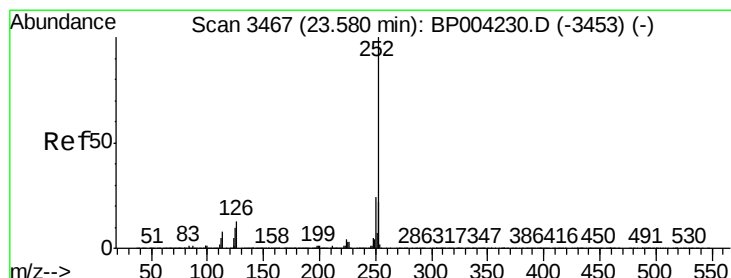
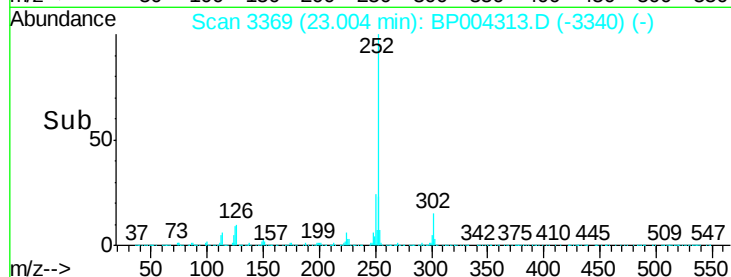
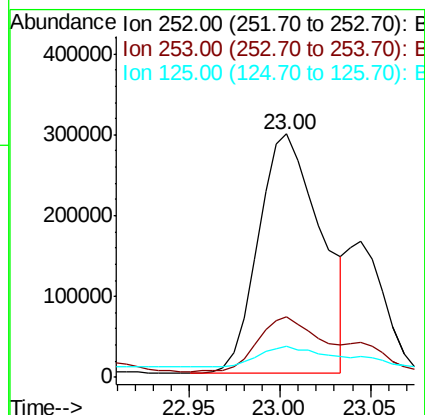
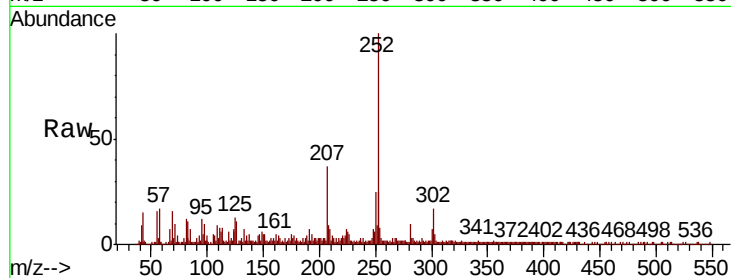
Tot Ion:252 Resp: 711198

Ion Ratio Lower Upper

252 100

253 24.8 17.4 26.2

125 12.9 7.3 10.9#



#91

Benzo(a)pyrene

Concen: 4.057 ng/ul

RT: 23.62 min Scan# 3473

Delta R.T. 0.02 min

Lab File: BP004313.D

Acq: 15 Dec 2020 20:16

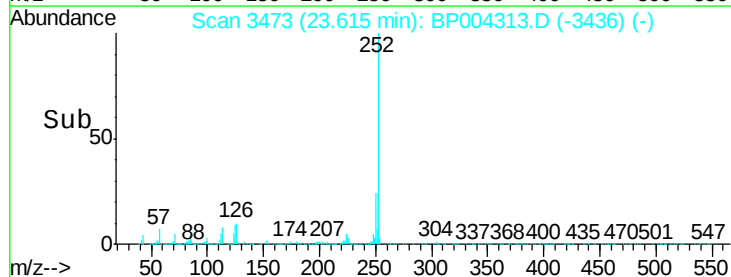
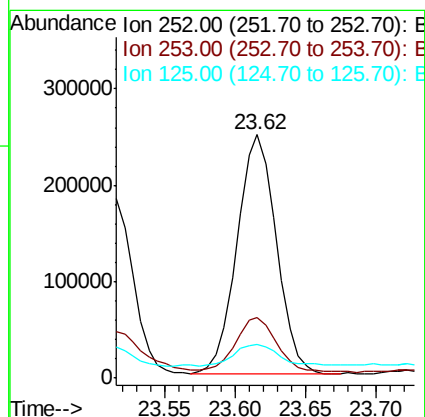
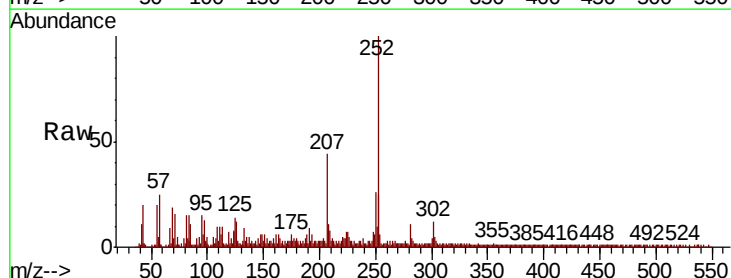
Tgt Ion:252 Resp: 483340

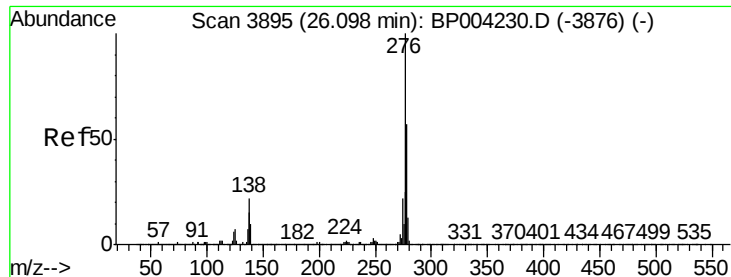
Ion Ratio Lower Upper

252 100

253 25.0 17.3 25.9

125 14.0 7.8 11.6#



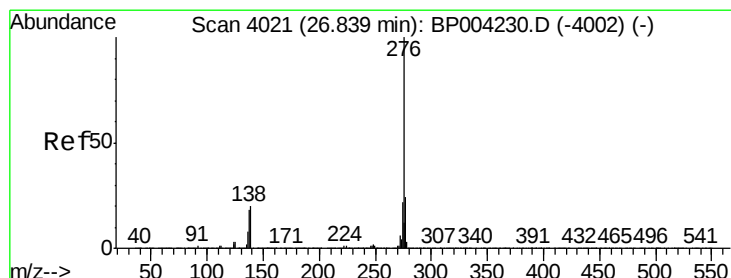
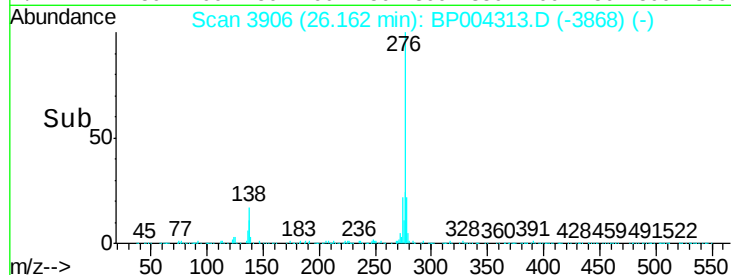
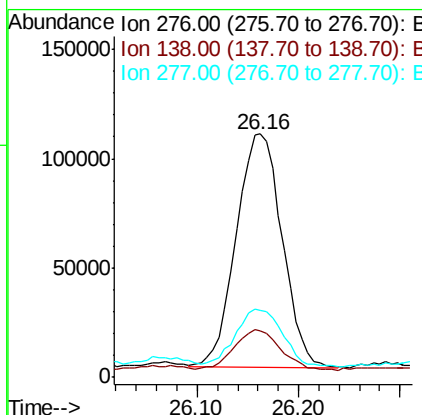
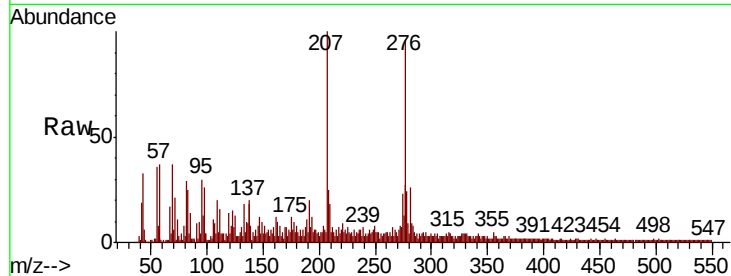


#92

Indeno(1,2,3-cd)pyrene
Concen: 2.247 ng/ul
RT: 26.16 min Scan# 3906
Delta R.T. 0.02 min
Lab File: BP004313.D
Acq: 15 Dec 2020 20:16

Instrument :
BNA_P
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	18.9	17.8	26.6
277	27.7	19.8	29.6



#94

Benzo(g,h,i)perylene
Concen: 2.128 ng/ul
RT: 26.91 min Scan# 4033
Delta R.T. 0.03 min
Lab File: BP004313.D
Acq: 15 Dec 2020 20:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.6	25.0
277	29.6	18.5	27.7#

