

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121420\
 Data File : BP004290.D
 Acq On : 15 Dec 2020 00:50
 Operator : CG/JU
 Sample : L5001-22
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54E0

Manual Integrations
 APPROVED

mohammad
 12/17/2020 9:52:05 AM

Quant Time: Dec 15 01:40:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 15 01:07:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	372224	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1586766	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	981709	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	2075854	20.00	ng/ul	0.01
78) Chrysene-d12	21.34	240	1971818	20.00	ng/ul	0.02
86) Perylene-d12	23.70	264	2157338	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	21048	1.99	ng/uL	0.00
5) Phenol-d5	7.00	99	493268	16.02	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	271394	14.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	399828	17.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	384226	16.51	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	206340	15.88	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	224394	20.93	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	410387	17.41	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	500724	17.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1238009	16.50	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1624257	16.96	ng/ul	0.01
52) 4-Nitrophenol-d4	14.67	143	182463	14.40	ng/ul	0.02
58) Fluorene-d10	15.48	176	1106386	16.28	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	63460	6.37	ng/ul	0.02
71) Anthracene-d10	17.35	188	1783573	17.63	ng/ul	0.01
79) Pyrene-d10	19.59	212	1992997	19.40	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.55	264	2110298	18.57	ng/ul	0.03

Target Compounds

					Ovalue
6) Phenol	7.03	94	68928	2.144	ng/ul 98
45) Dimethylphthalate	13.93	163	218634	2.861	ng/ul 99
48) Acenaphthylene	14.20	152	128567	1.353	ng/ul 98
70) Phenanthrene	17.29	178	1342193	10.960	ng/ul 100
72) Anthracene	17.37	178	393495	3.248	ng/ul 100
75) Carbazole	17.65	167	110163	1.117	ng/ul 99
77) Fluoranthene	19.26	202	3102063	23.722	ng/ul 98
80) Pyrene	19.62	202	3083832	23.185	ng/ul 96
83) Benzo(a)anthracene	21.32	228	1574511	12.114	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.25	149	155729	2.619	ng/ul# 97
85) Chrysene	21.37	228	1398412	10.967	ng/ul 98
88) Benzo(b)fluoranthene	22.99	252	1853753	13.550	ng/ul 98
89) Benzo(k)fluoranthene	23.03	252	662623m	4.716	ng/ul
91) Benzo(a)pyrene	23.60	252	1503417	11.776	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	26.13	276	1032751	6.450	ng/ul# 95
93) Dibenzo(a,h)anthracene	26.13	278	252457	1.881	ng/ul# 89
94) Benzo(g,h,i)perylene	26.87	276	813783	6.059	ng/ul 96

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

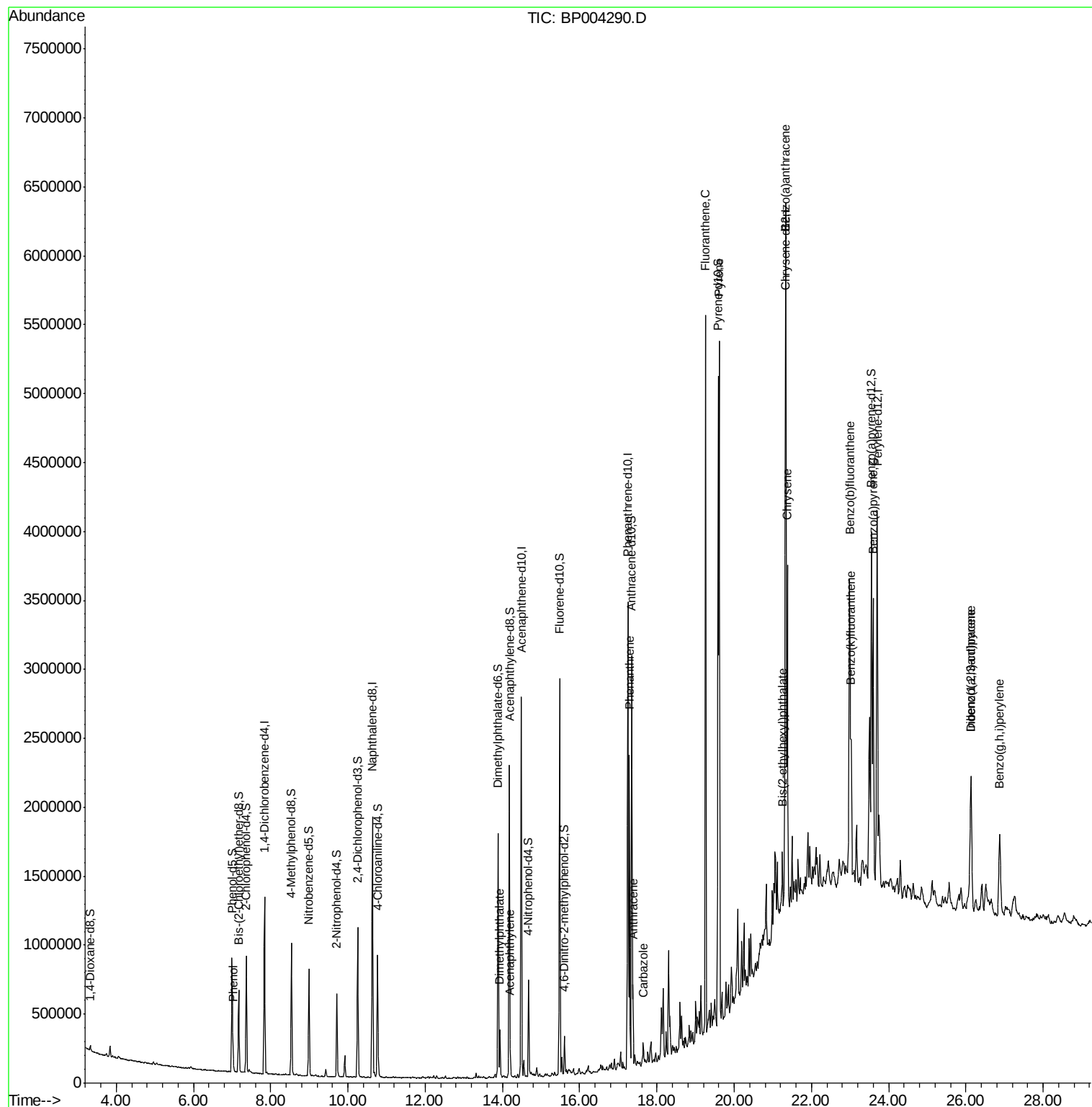
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004290.D
Acq On : 15 Dec 2020 00:50
Operator : CG/JU
Sample : L5001-22
Misc :
ALS Vial : 25 Sample Multiplier: 1

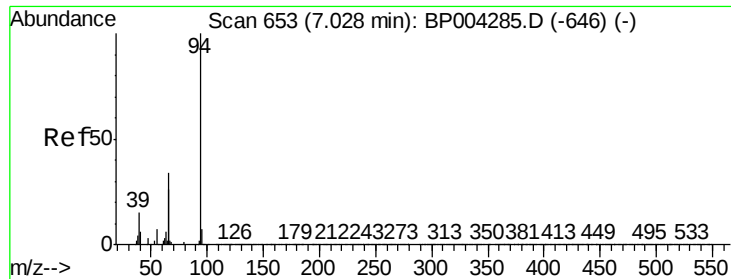
Instrument :
BNA_P
ClientSampled :
A54E0

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 01:07:21 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.144 ng/ul

RT: 7.03 min Scan# 653

Delta R.T. 0.01 min

Lab File: BP004290.D

Acq: 15 Dec 2020 00:50

Instrument :

BNA_P

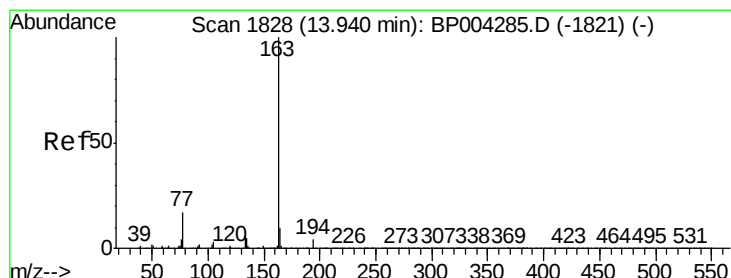
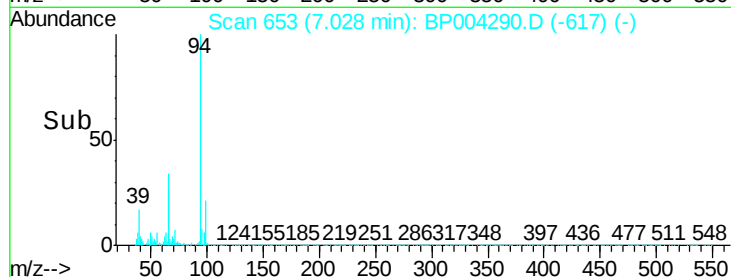
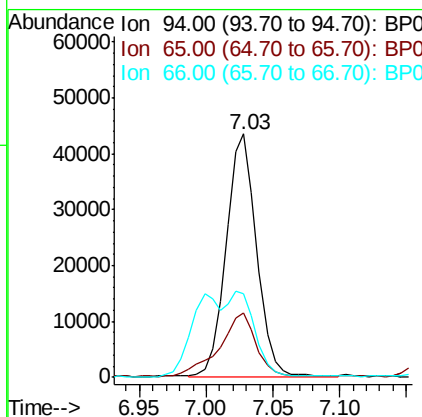
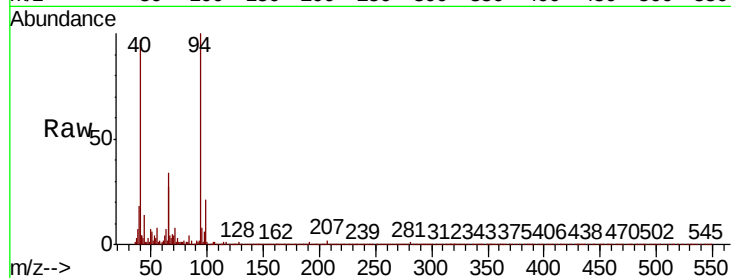
ClientSampled :

A54E0

Tot Ion:	94	Resp:	68928
Ion Ratio	Lower	Upper	
94	100		
65	26.6	20.8	31.2
66	34.2	26.5	39.7

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#45

Dimethylphthalate

Concen: 2.861 ng/ul

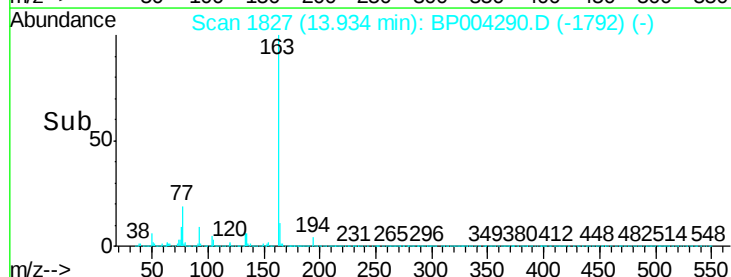
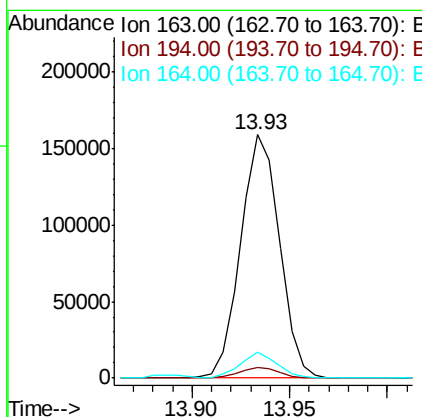
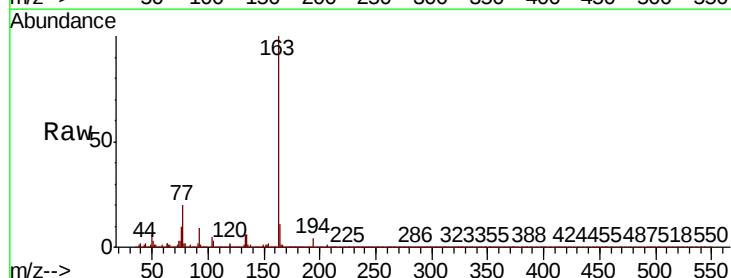
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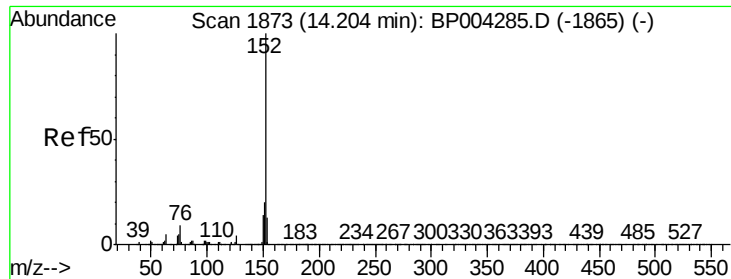
Delta R.T. 0.01 min

Lab File: BP004290.D

Acq: 15 Dec 2020 00:50

Tgt Ion:	163	Resp:	218634
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.2
164	10.8	8.4	12.6





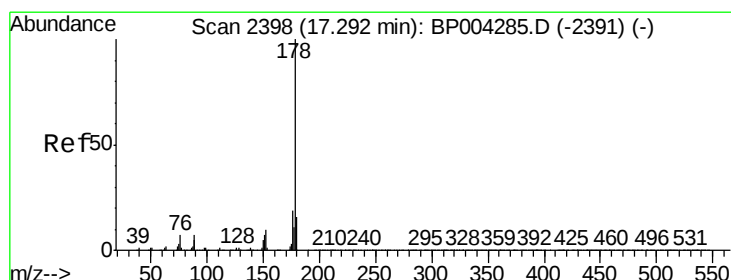
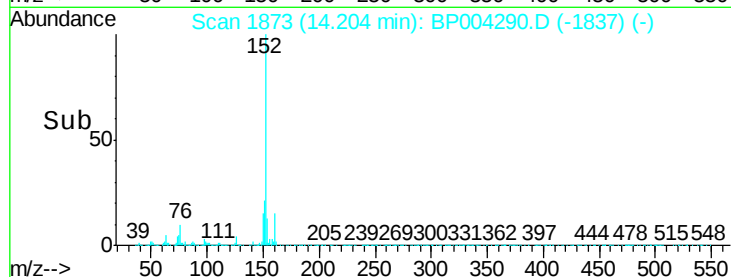
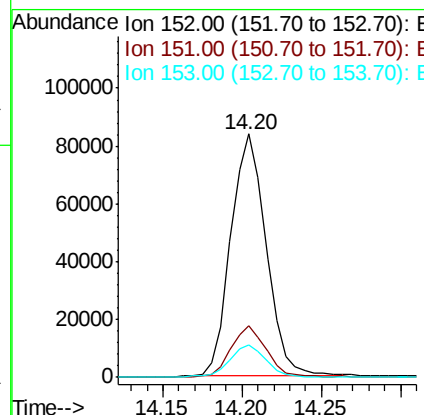
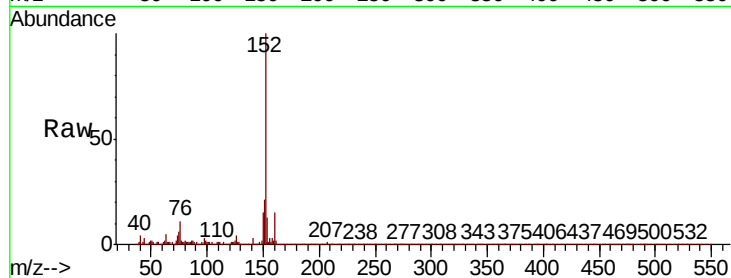
#48
Acenaphthylene
Concen: 1.353 ng/ul
RT: 14.20 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BP004290.D
Acq: 15 Dec 2020 00:50

Instrument :
BNA_P
ClientSampleId :
A54E0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		128567		
151	21.1	15.8	23.8		
153	13.4	10.6	16.0		

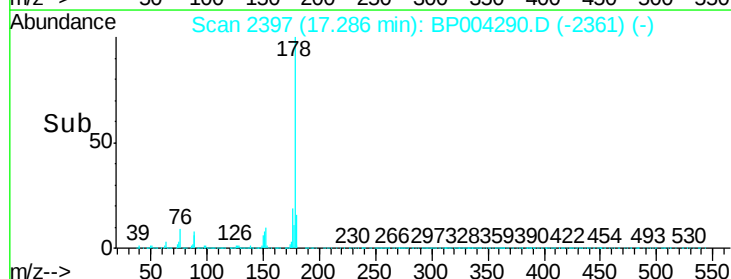
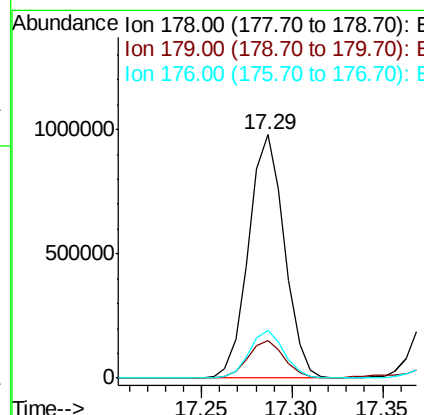
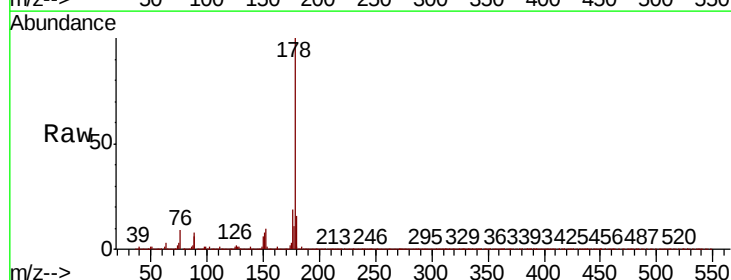
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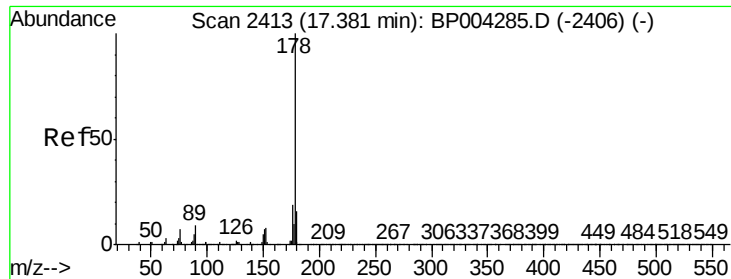
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#70
Phenanthrene
Concen: 10.960 ng/ul
RT: 17.29 min Scan# 2397
Delta R.T. 0.01 min
Lab File: BP004290.D
Acq: 15 Dec 2020 00:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		1342193		
179	15.6	12.4	18.6		
176	19.4	15.4	23.0		





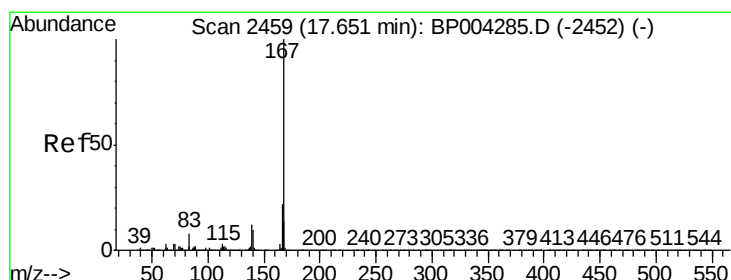
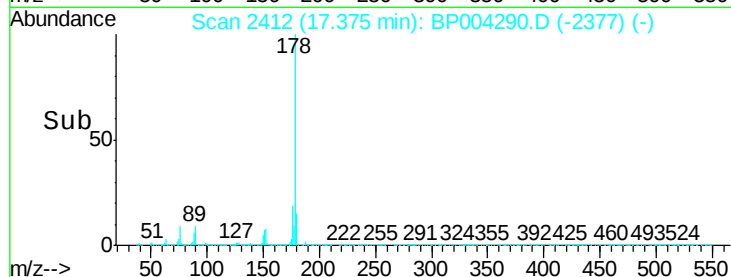
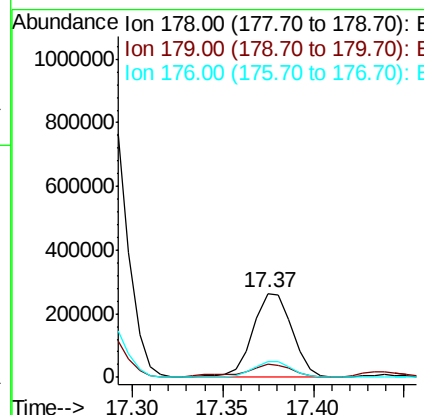
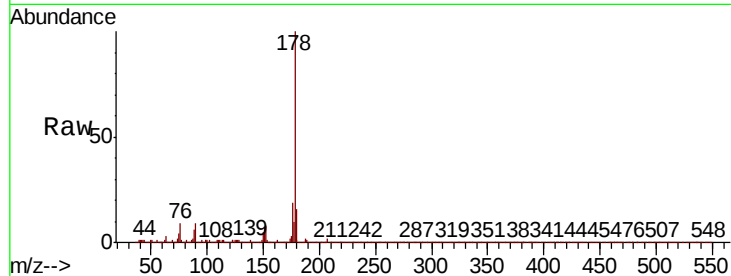
#72
 Anthracene
 Concen: 3.248 ng/ul
 RT: 17.37 min Scan# 2412
 Delta R.T. 0.01 min
 Lab File: BP004290.D
 Acq: 15 Dec 2020 00:50

Instrument :
 BNA_P
 ClientSampled :
 A54E0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.7	14.9	22.3

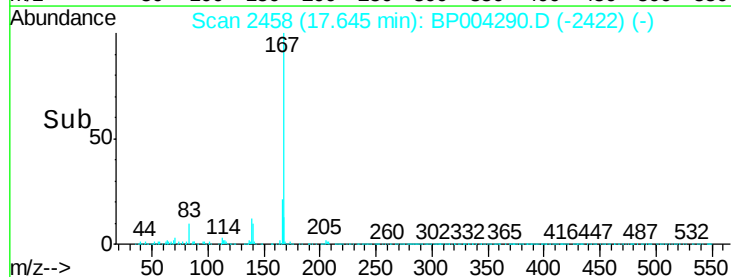
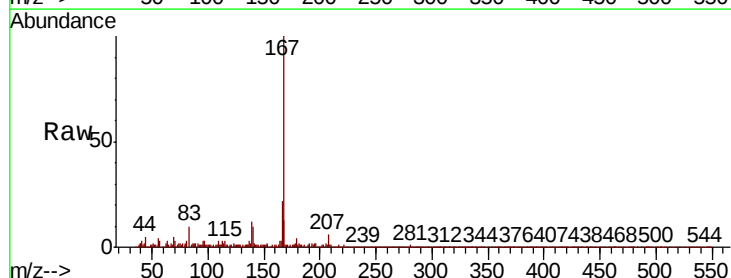
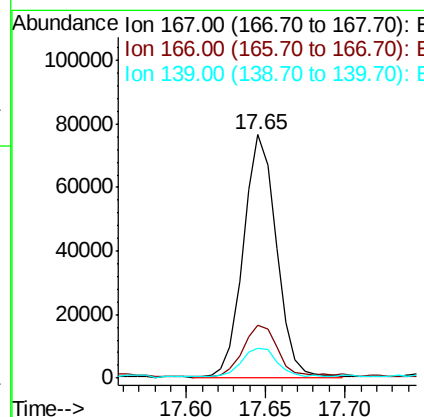
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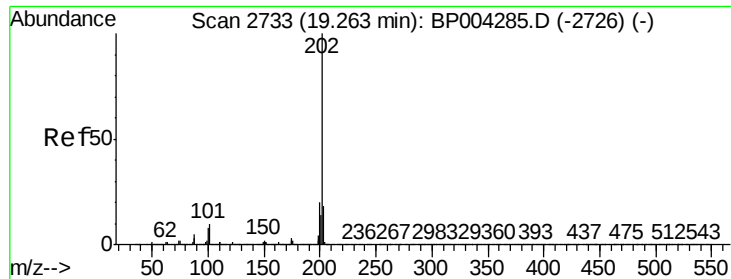
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#75
 Carbazole
 Concen: 1.117 ng/ul
 RT: 17.65 min Scan# 2458
 Delta R.T. 0.01 min
 Lab File: BP004290.D
 Acq: 15 Dec 2020 00:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.1	25.7
139	12.2	9.8	14.6





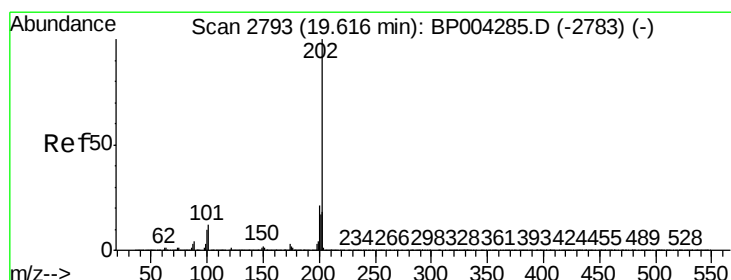
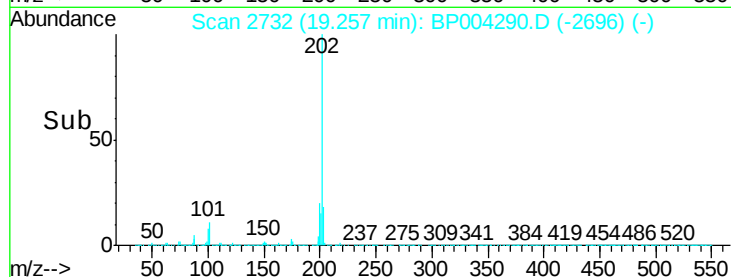
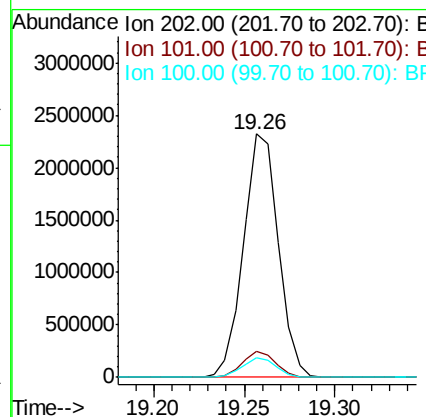
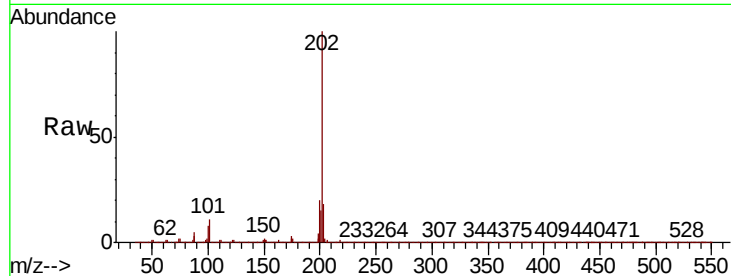
#77
 Fluoranthene
 Concen: 23.722 ng/ul
 RT: 19.26 min Scan# 2732
 Delta R.T. 0.01 min
 Lab File: BP004290.D
 Acq: 15 Dec 2020 00:50

Instrument :
 BNA_P
 ClientSampleId :
 A54E0

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.1	13.7
100	7.9	7.1	10.7

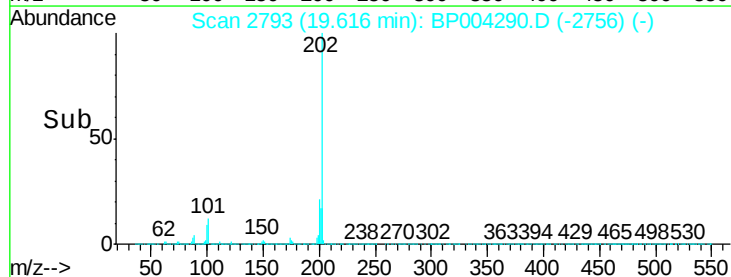
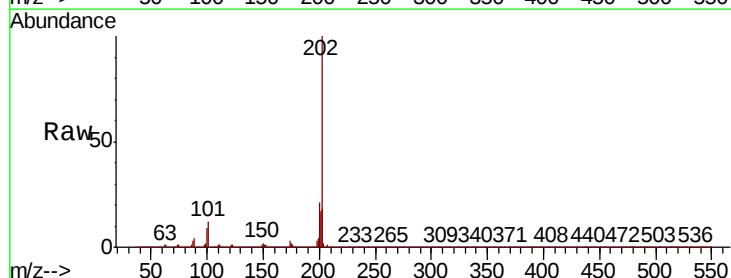
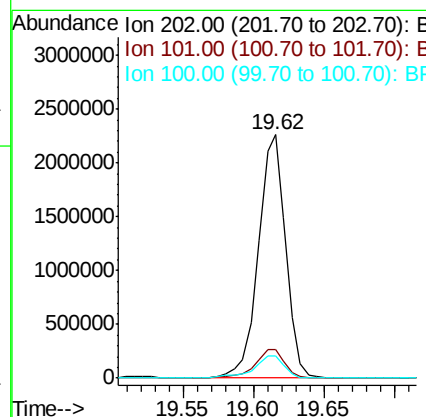
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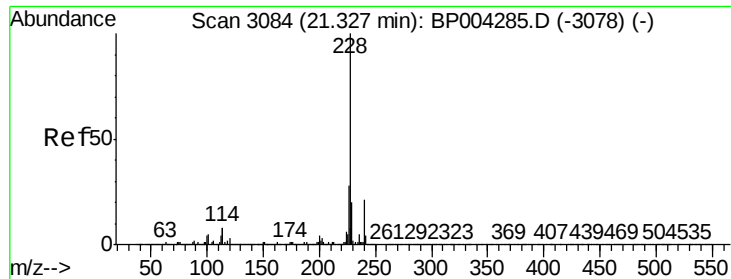
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#80
 Pyrene
 Concen: 23.185 ng/ul
 RT: 19.62 min Scan# 2793
 Delta R.T. 0.02 min
 Lab File: BP004290.D
 Acq: 15 Dec 2020 00:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	10.6	15.8
100	9.3	8.6	12.8





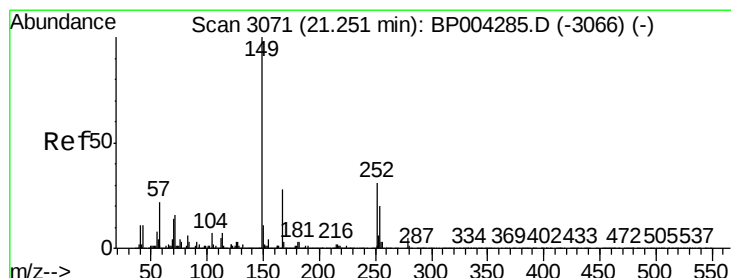
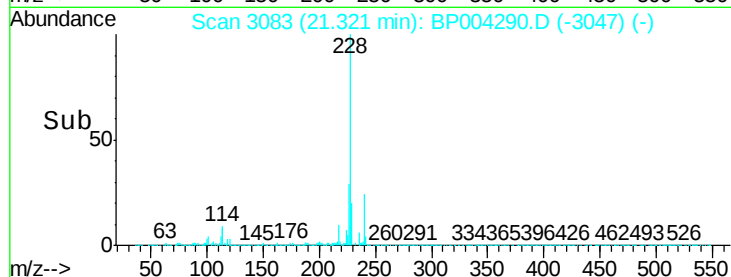
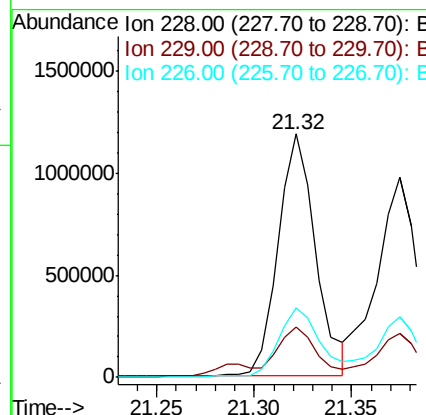
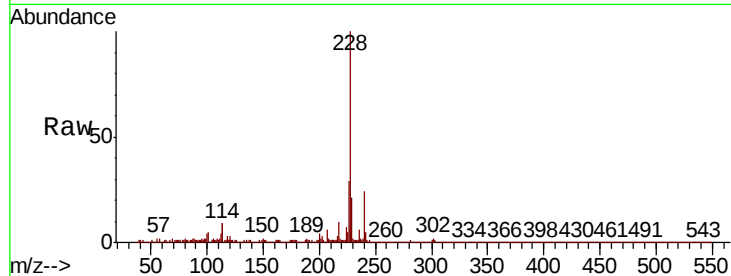
#83
Benzo(a)anthracene
Concen: 12.114 ng/ul
RT: 21.32 min Scan# 3083
Delta R.T. 0.01 min
Lab File: BP004290.D
Acq: 15 Dec 2020 00:50

Instrument :
BNA_P
ClientSampleId :
A54E0

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.8
226	28.8	21.7	32.5

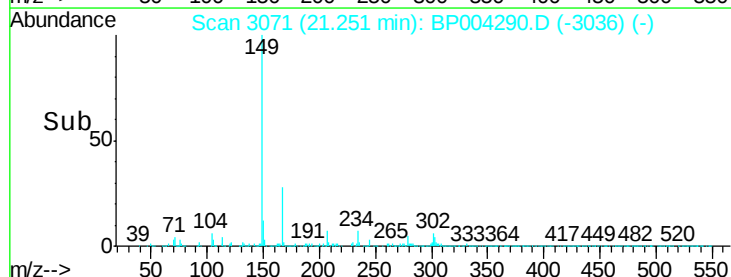
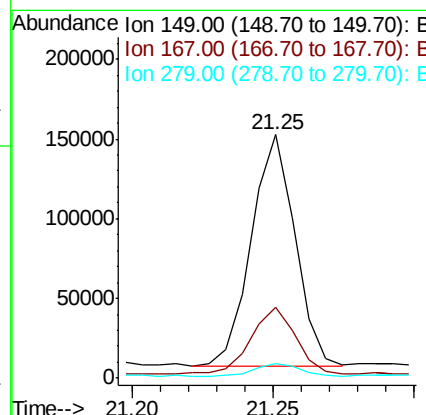
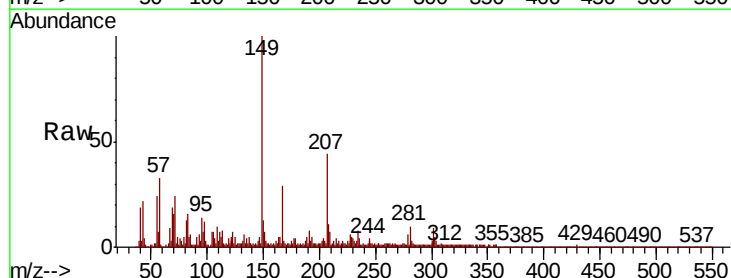
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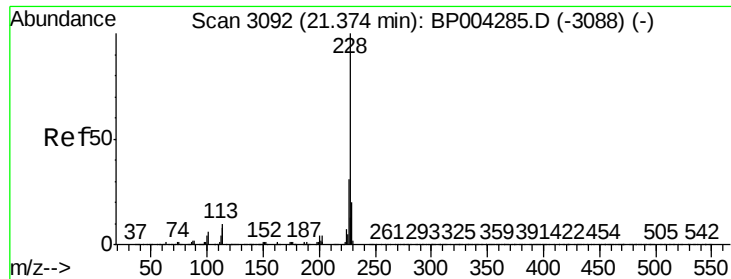
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.619 ng/ul
RT: 21.25 min Scan# 3071
Delta R.T. 0.01 min
Lab File: BP004290.D
Acq: 15 Dec 2020 00:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.2	33.4
279	5.9	3.6	5.4#





#85

Chrysene

Concen: 10.967 ng/ul

RT: 21.37 min Scan# 3092

Delta R.T. 0.01 min

Lab File: BP004290.D

Acq: 15 Dec 2020 00:50

Instrument :

BNA_P

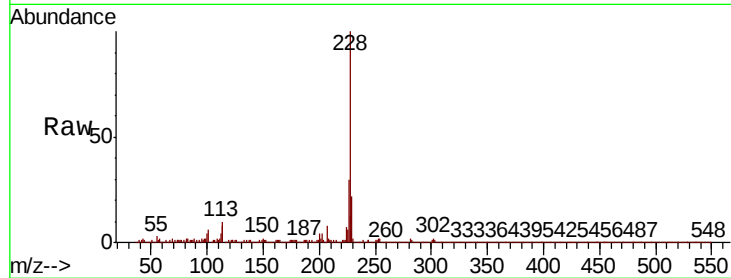
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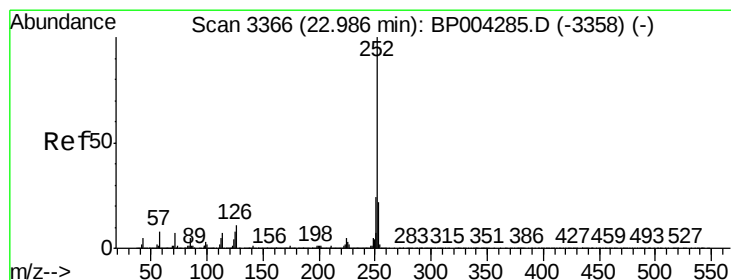
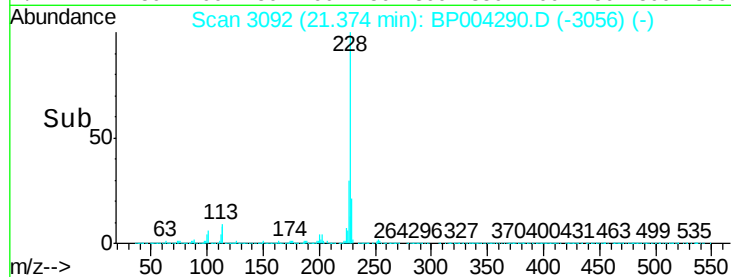
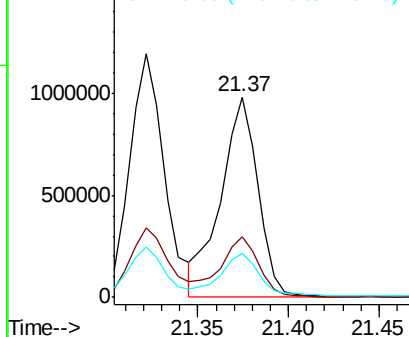
Tot Ion:	228	Resp:	1398412
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	21.9	15.8	23.8

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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: 13.550 ng/ul

RT: 22.99 min Scan# 3366

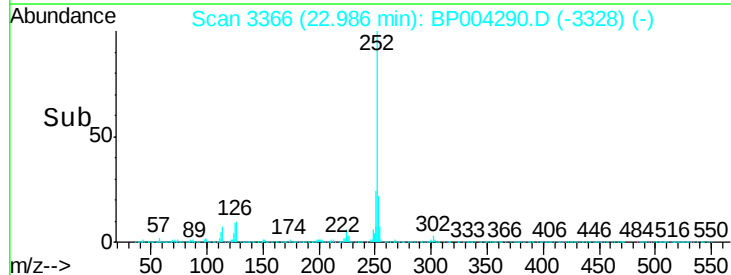
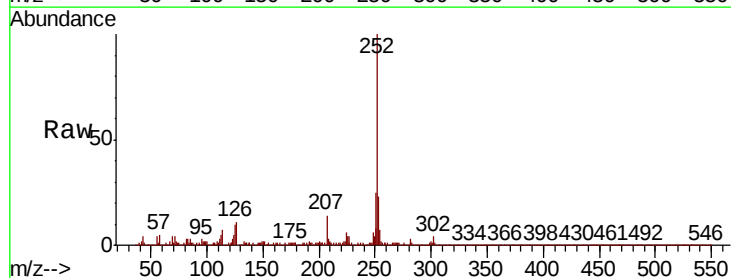
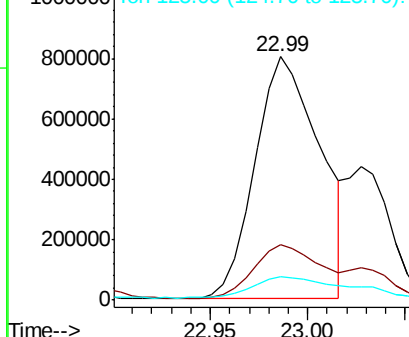
Delta R.T. 0.02 min

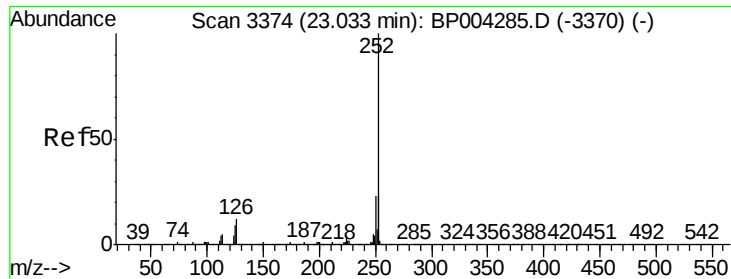
Lab File: BP004290.D

Acq: 15 Dec 2020 00:50

Tgt Ion:	252	Resp:	1853753
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	9.7	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: 4.716 ng/ul

RT: 23.03 min Scan# 3373

Delta R.T. 0.02 min

Lab File: BP004290.D

Acq: 15 Dec 2020 00:50

Instrument :

BNA_P

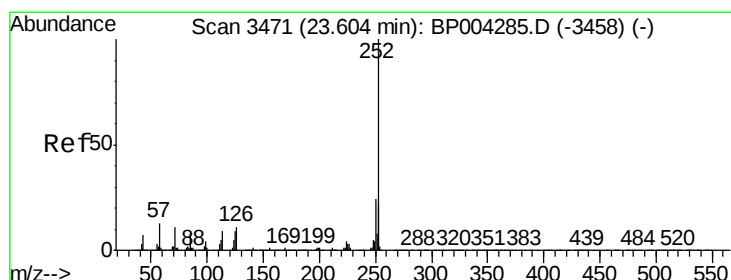
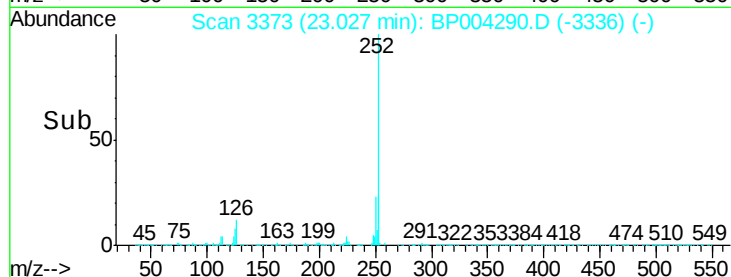
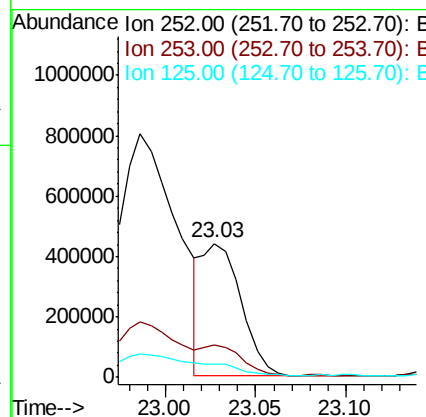
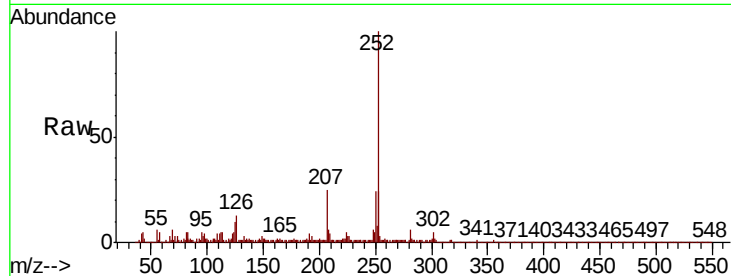
ClientSampled :

A54E0

Tot Ion:	252	Resp:	662623
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.4	26.2
125	9.8	7.3	10.9

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 11.776 ng/ul

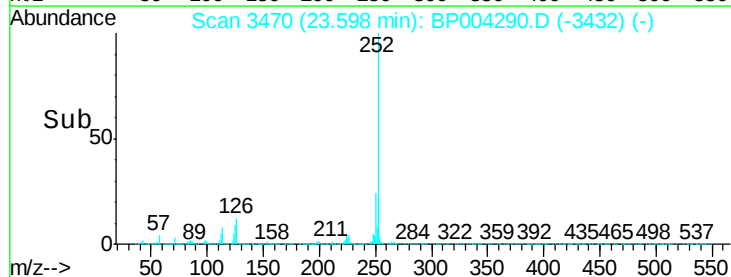
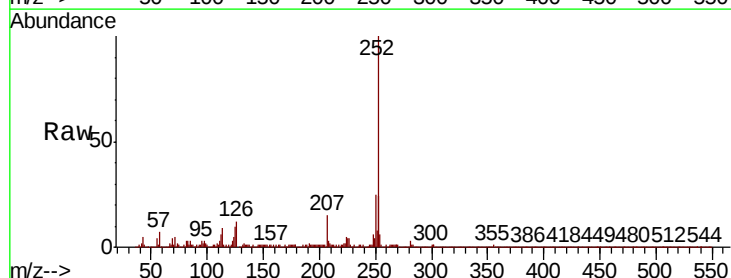
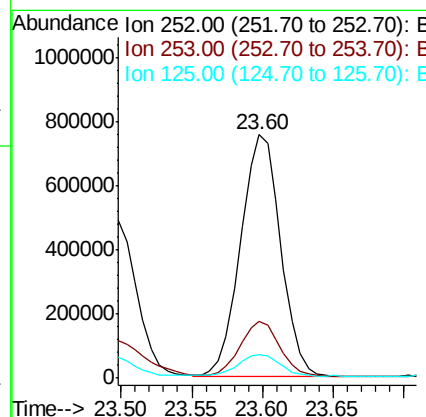
RT: 23.60 min Scan# 3470

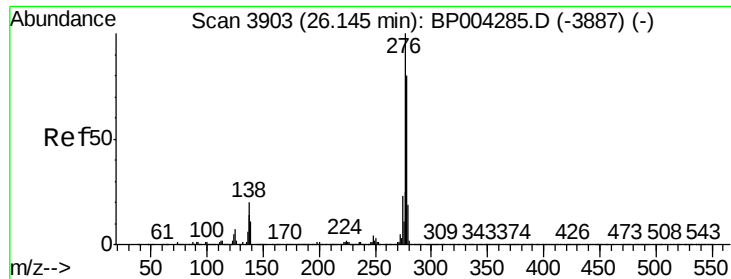
Delta R.T. 0.02 min

Lab File: BP004290.D

Acq: 15 Dec 2020 00:50

Tgt Ion:	252	Resp:	1503417
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.3	25.9
125	9.8	7.8	11.6





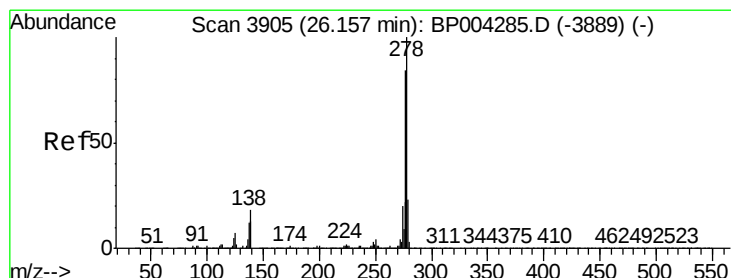
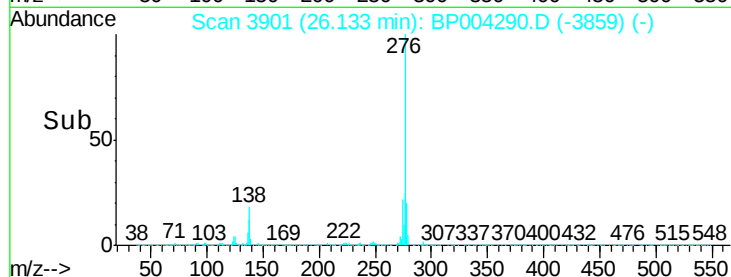
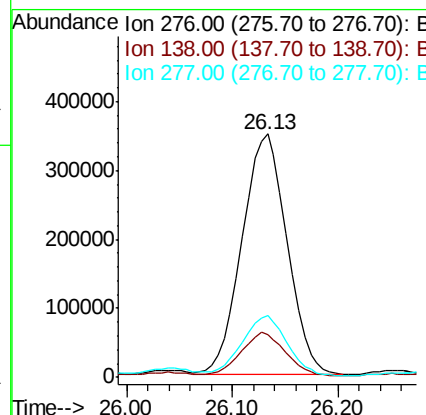
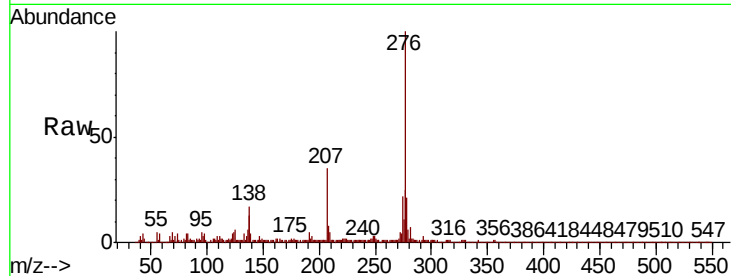
#92
Indeno(1,2,3-cd)pyrene
Concen: 6.450 ng/ul
RT: 26.13 min Scan# 3901
Delta R.T. 0.05 min
Lab File: BP004290.D
Acq: 15 Dec 2020 00:50

Instrument :
BNA_P
ClientSampleId :
A54E0

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.5	17.8	26.6#
277	25.3	19.8	29.6

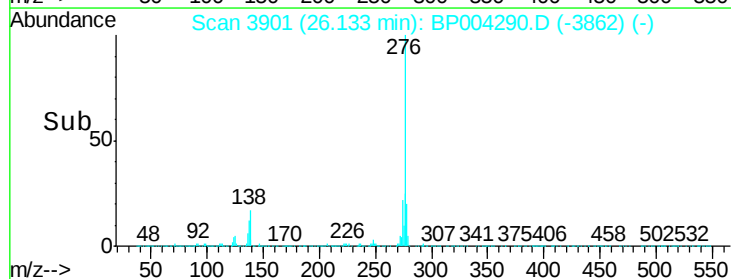
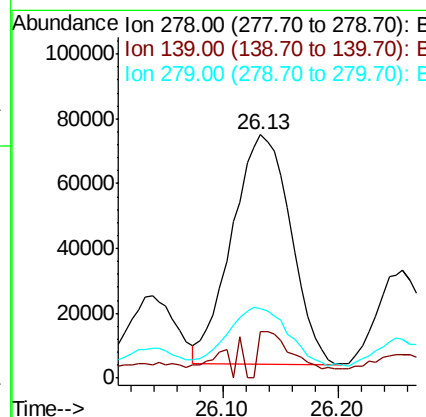
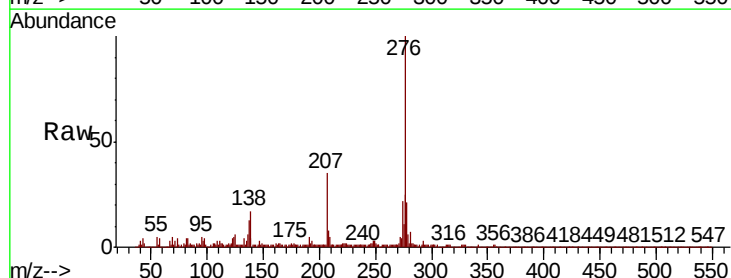
Manual Integrations
APPROVED

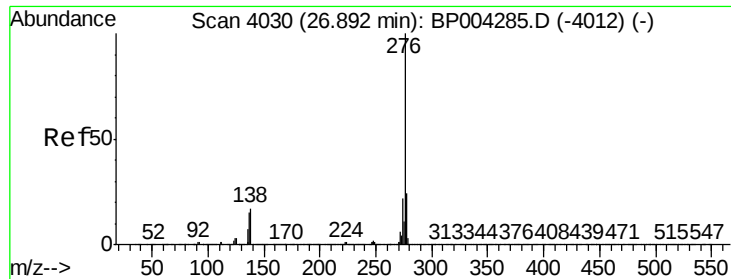
mohammad
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#93
Dibenzo(a,h)anthracene
Concen: 1.881 ng/ul
RT: 26.13 min Scan# 3901
Delta R.T. 0.03 min
Lab File: BP004290.D
Acq: 15 Dec 2020 00:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	11.9	17.9#
279	28.7	18.6	28.0#





#94

Benzo(a,h,i)perylene

Concen: 6.059 ng/ul

RT: 26.87 min Scan# 4027

Delta R.T. 0.05 min

Lab File: BP004290.D

Acq: 15 Dec 2020 00:50

Instrument :

BNA_P

ClientSampleId :

A54E0

Tot Ion:	276	Resp:	813783
Ion Ratio	Lower	Upper	
276	100		
138	18.8	16.6	25.0
277	24.8	18.5	27.7

Manual Integrations
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