

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004278.D
 Acq On : 14 Dec 2020 17:28
 Operator : CG/JU
 Sample : L5000-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A4

Manual Integrations
 APPROVED

mohammad
 12/17/2020 9:51:44 AM

Quant Time: Dec 15 00:35:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 10 13:52:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	335853	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1423196	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.49	164	899321	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	1903170	20.00	ng/ul	0.02
78) Chrysene-d12	21.34	240	1783682	20.00	ng/ul	0.02
86) Perylene-d12	23.72	264	2007659	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	19318	2.02	ng/uL	0.00
5) Phenol-d5	7.00	99	419107	15.08	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	226678	13.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	345228	16.37	ng/ul	0.01
13) 4-Methylphenol-d8	8.55	113	322234	15.35	ng/ul	0.02
19) Nitrobenzene-d5	8.99	128	174413	14.96	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	184833	19.23	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	371050	17.55	ng/ul	0.02
29) 4-Chloroaniline-d4	10.77	131	346131	13.21	ng/ul	0.01
44) Dimethylphthalate-d6	13.89	166	1103406	16.05	ng/ul	0.01
47) Acenaphthylene-d8	14.18	160	1474390	16.81	ng/ul	0.02
52) 4-Nitrophenol-d4	14.69	143	136624	11.77	ng/ul	0.03
58) Fluorene-d10	15.49	176	993432	15.96	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.62	200	28832	3.16	ng/ul	0.04
71) Anthracene-d10	17.35	188	1574468	16.97	ng/ul	0.02
79) Pyrene-d10	19.59	212	1723190	18.54	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.56	264	1869256	17.67	ng/ul	0.04

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.94	163	268700	3.838	ng/ul	100
70) Phenanthrene	17.29	178	1167265	10.396	ng/ul	99
72) Anthracene	17.39	178	290503	2.615	ng/ul	100
75) Carbazole	17.65	167	100808	1.115	ng/ul	98
77) Fluoranthene	19.27	202	1840285	15.350	ng/ul	96
80) Pyrene	19.62	202	1656394	13.767	ng/ul	95
83) Benzo(a)anthracene	21.33	228	874240	7.436	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.26	149	416511	7.745	ng/ul#	96
85) Chrysene	21.38	228	815729m	7.072	ng/ul	
88) Benzo(b)fluoranthene	23.00	252	1213561	9.532	ng/ul	95
89) Benzo(k)fluoranthene	23.04	252	311445m	2.382	ng/ul	
91) Benzo(a)pyrene	23.62	252	941221	7.922	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.16	276	700865	4.704	ng/ul	94
93) Dibenzo(a,h)anthracene	26.16	278	181760	1.456	ng/ul#	71
94) Benzo(g,h,i)perylene	26.90	276	616917	4.935	ng/ul	93

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

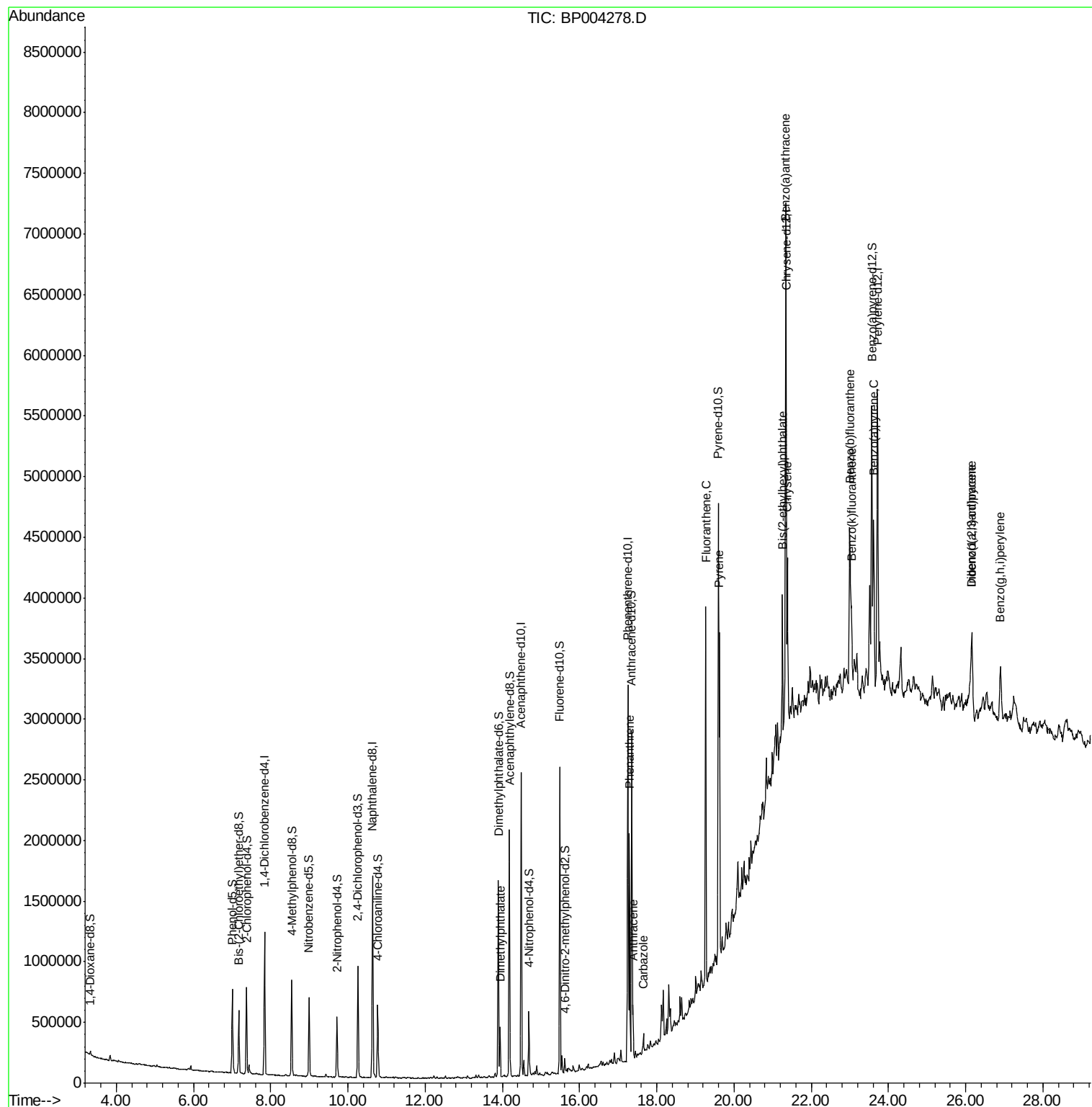
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004278.D
Acq On : 14 Dec 2020 17:28
Operator : CG/JU
Sample : L5000-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

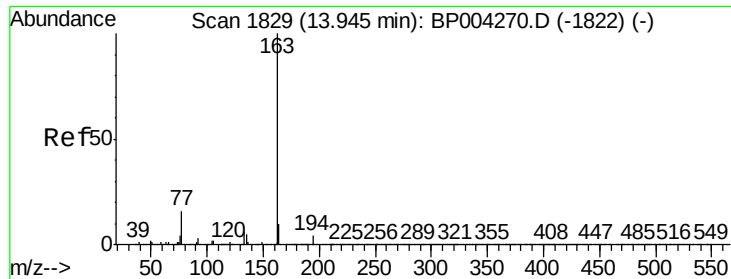
Instrument :
BNA_P
ClientSampleId :
A54A4

Quant Time: Dec 15 00:35:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

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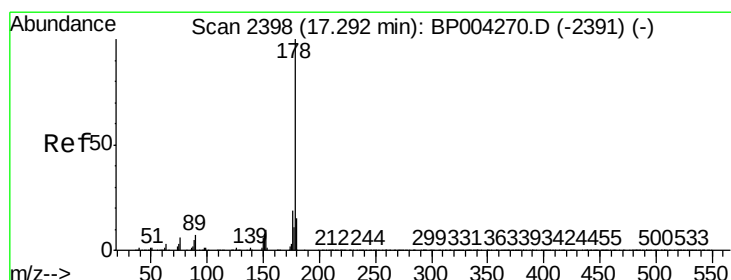
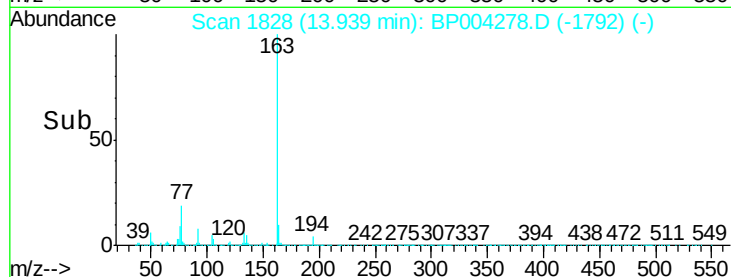
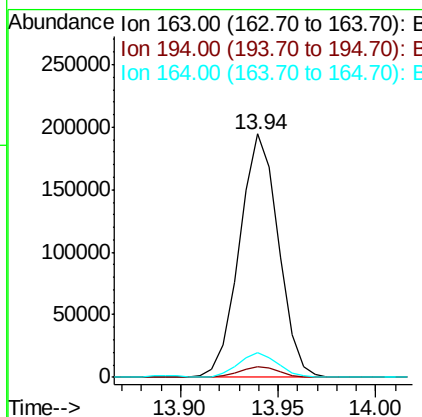
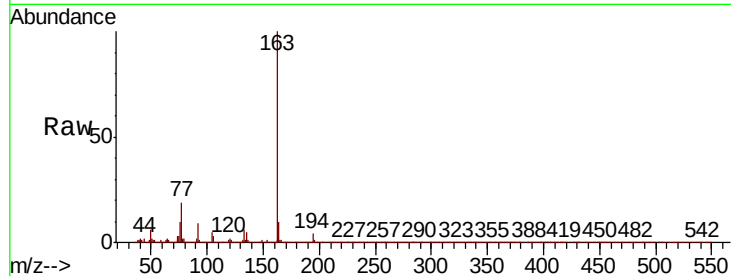
#45
Dimethylphthalate
Concen: 3.838 ng/ul
RT: 13.94 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BP004278.D
Acq: 14 Dec 2020 17:28

Instrument :
BNA_P
ClientSampled :
A54A4

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	8.4	12.6

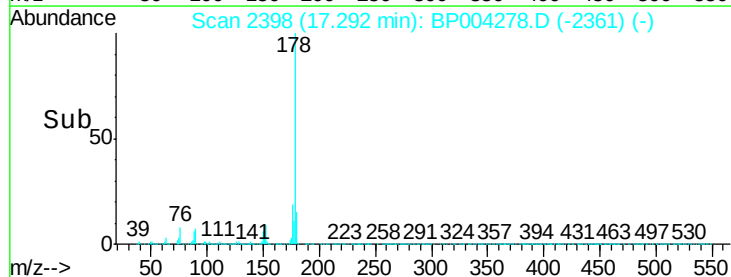
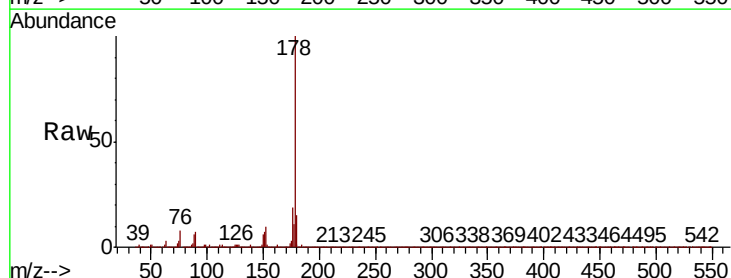
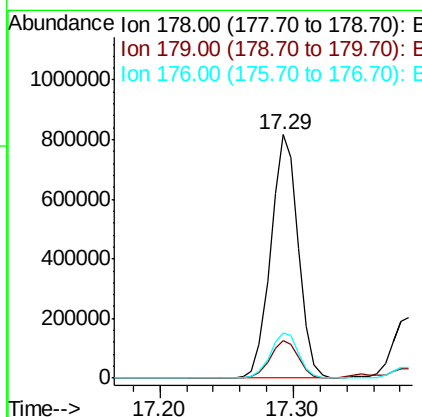
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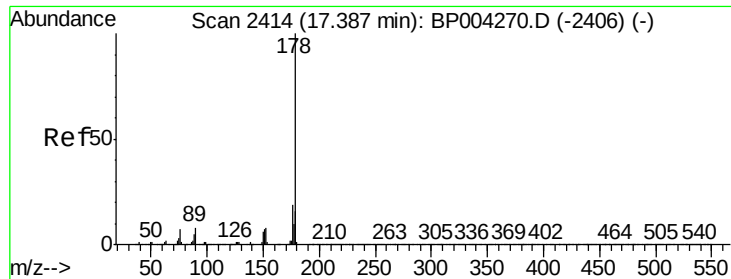
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#70
Phenanthrene
Concen: 10.396 ng/ul
RT: 17.29 min Scan# 2398
Delta R.T. 0.02 min
Lab File: BP004278.D
Acq: 14 Dec 2020 17:28

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





#72

Anthracene

Concen: 2.615 ng/ul

RT: 17.39 min Scan# 2414

Delta R.T. 0.02 min

Lab File: BP004278.D

Acq: 14 Dec 2020 17:28

Instrument :

BNA_P

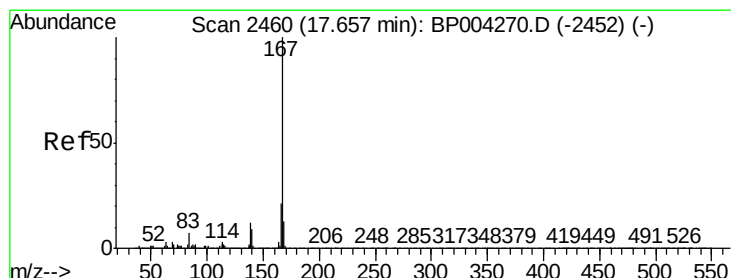
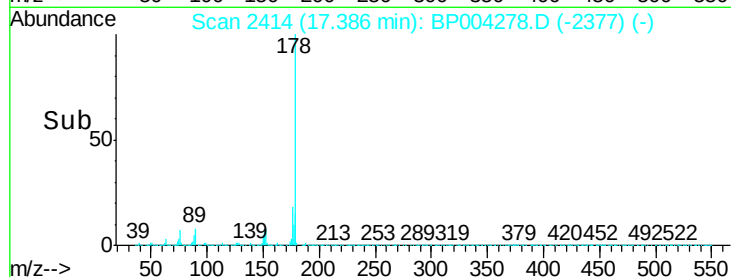
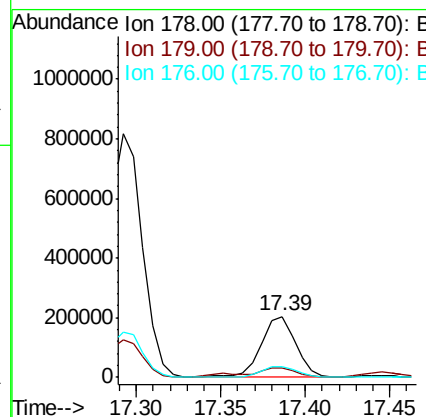
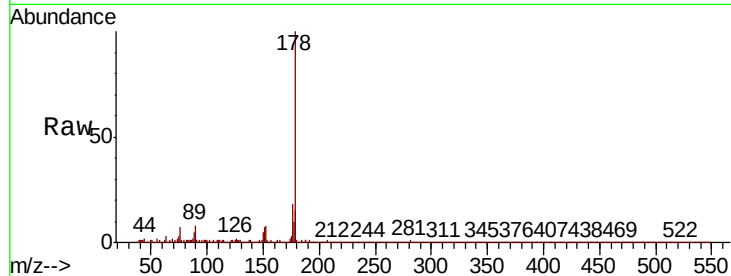
ClientSampleId :

A54A4

Tot Ion:	178	Resp:	290503
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.3	18.5
176	18.3	14.9	22.3

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#75

Carbazole

Concen: 1.115 ng/ul

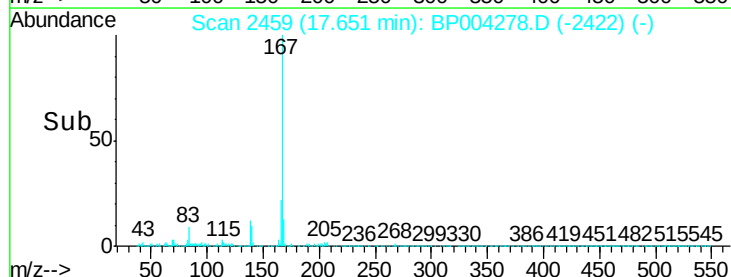
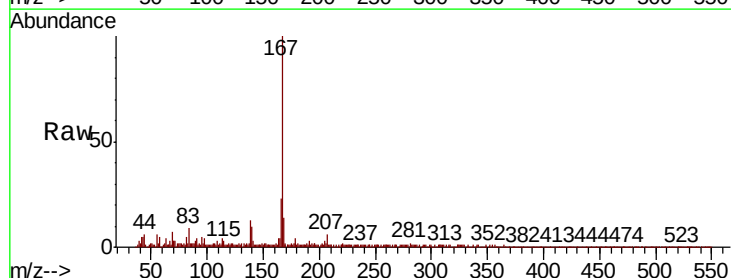
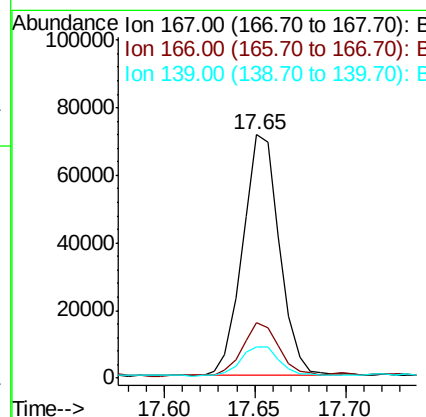
RT: 17.65 min Scan# 2459

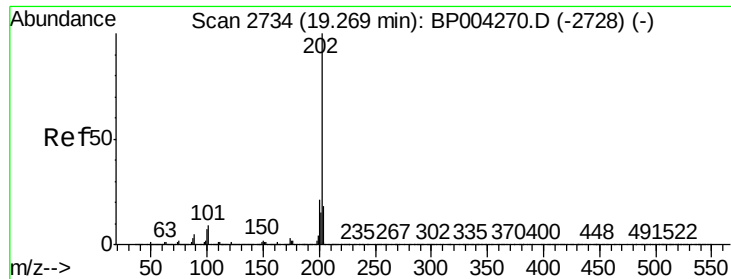
Delta R.T. 0.02 min

Lab File: BP004278.D

Acq: 14 Dec 2020 17:28

Tgt Ion:	167	Resp:	100808
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.1	25.7
139	13.0	9.8	14.6





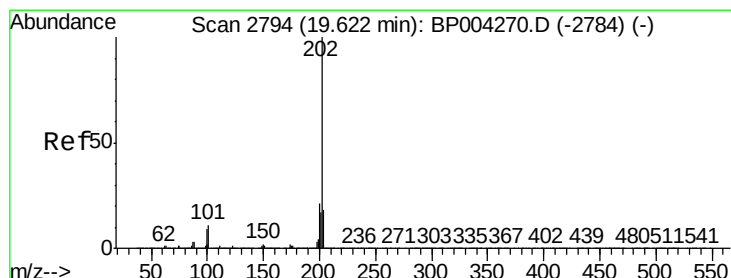
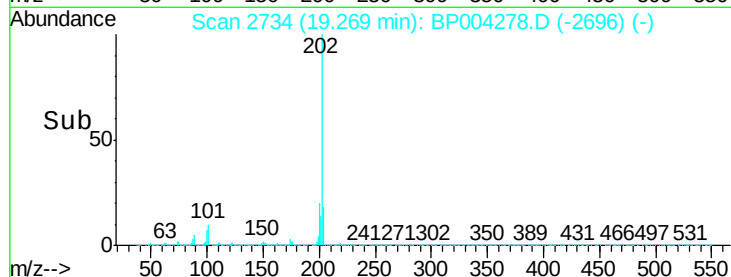
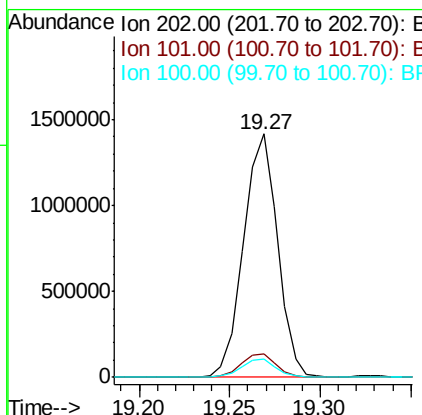
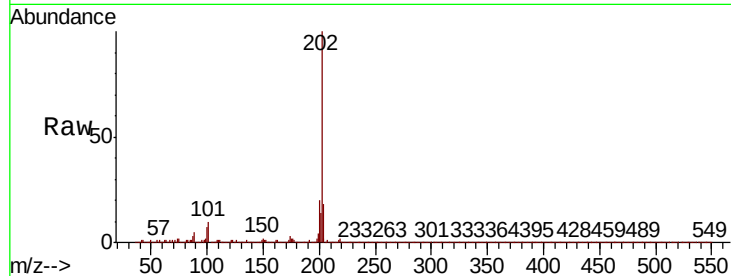
#77
Fluoranthene
Concen: 15.350 ng/ul
RT: 19.27 min Scan# 2734
Delta R.T. 0.02 min
Lab File: BP004278.D
Acq: 14 Dec 2020 17:28

Instrument :
BNA_P
ClientSampleId :
A54A4

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.1	13.7
100	7.3	7.1	10.7

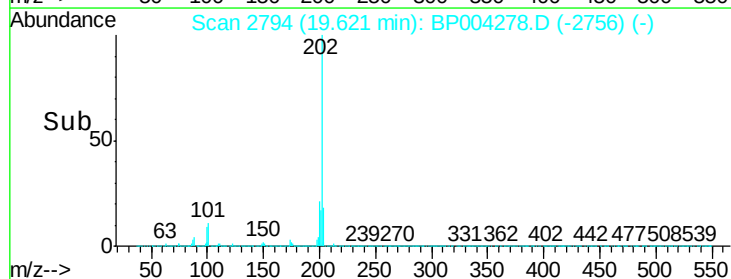
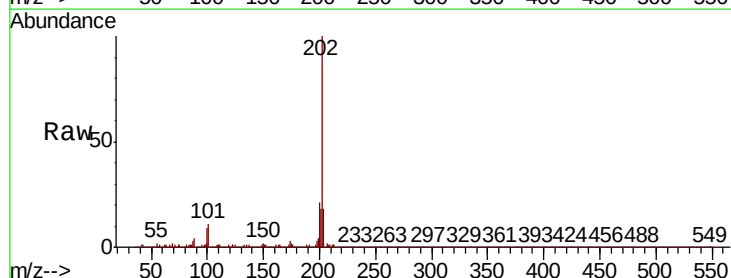
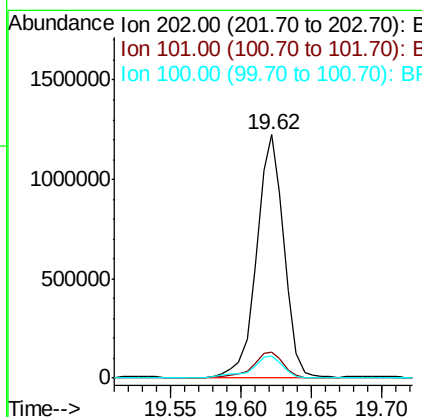
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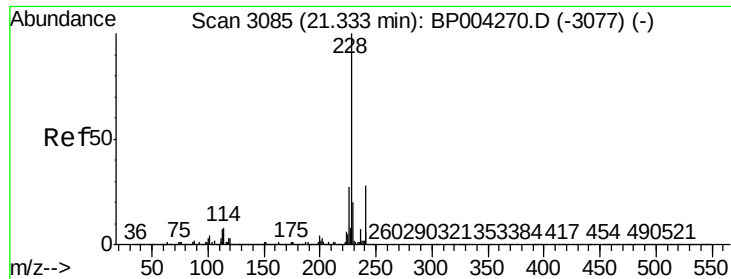
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#80
Pyrene
Concen: 13.767 ng/ul
RT: 19.62 min Scan# 2794
Delta R.T. 0.02 min
Lab File: BP004278.D
Acq: 14 Dec 2020 17:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	10.6	15.8
100	8.9	8.6	12.8





#83

Benzo(a)anthracene

Concen: 7.436 ng/ul

RT: 21.33 min Scan# 3085

Delta R.T. 0.02 min

Lab File: BP004278.D

Acq: 14 Dec 2020 17:28

Instrument :

BNA_P

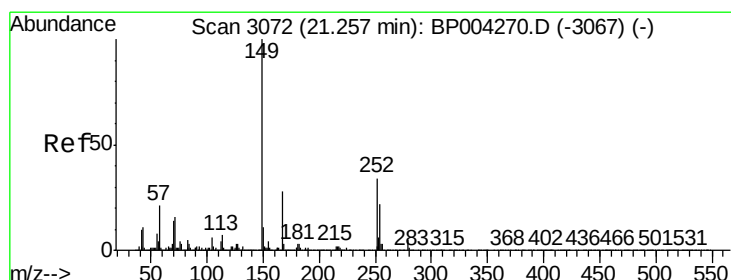
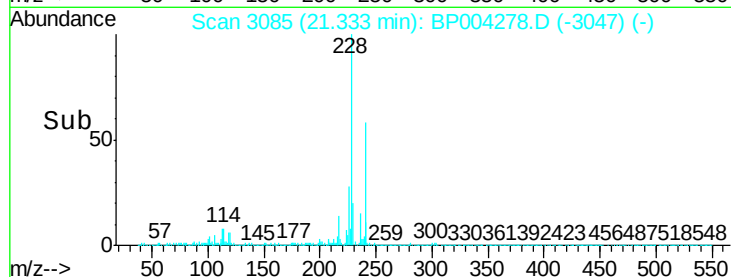
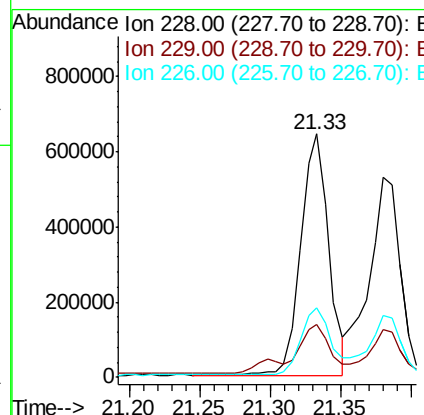
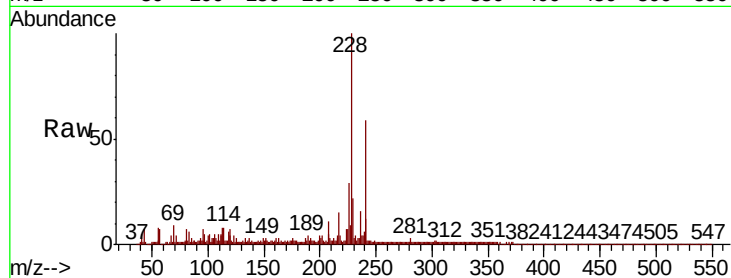
ClientSampled :

A54A4

Tot Ion:	228	Resp:	874240
Ion Ratio	Lower	Upper	
228	100		
229	21.8	15.8	23.8
226	28.8	21.7	32.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 7.745 ng/ul

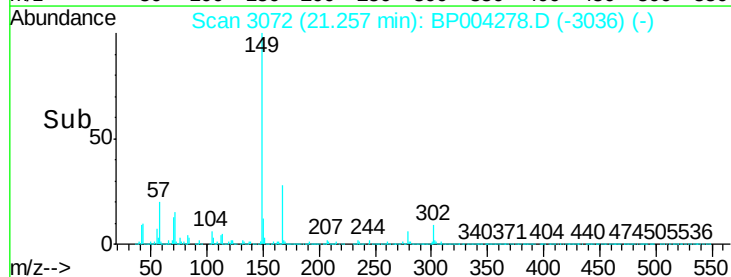
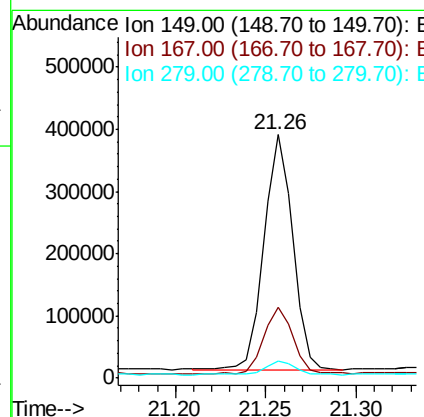
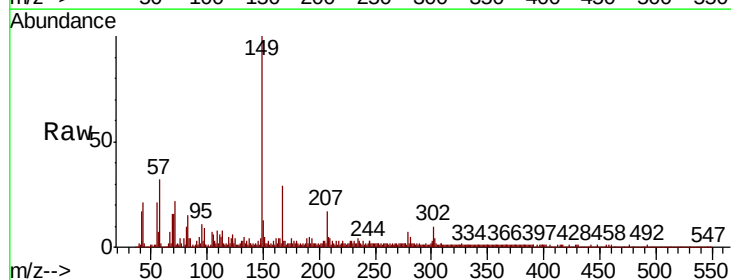
RT: 21.26 min Scan# 3072

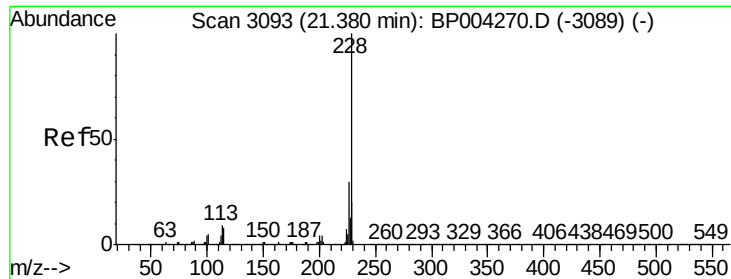
Delta R.T. 0.01 min

Lab File: BP004278.D

Acq: 14 Dec 2020 17:28

Tgt Ion:	149	Resp:	416511
Ion Ratio	Lower	Upper	
149	100		
167	29.3	22.2	33.4
279	7.1	3.6	5.4#





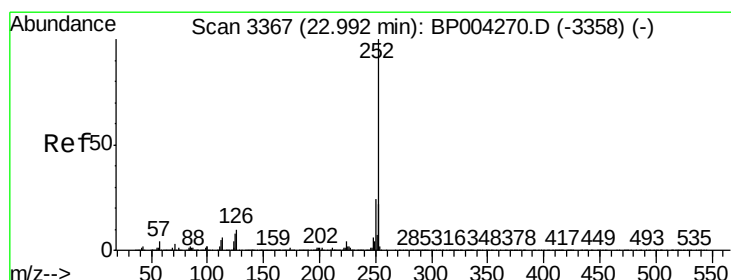
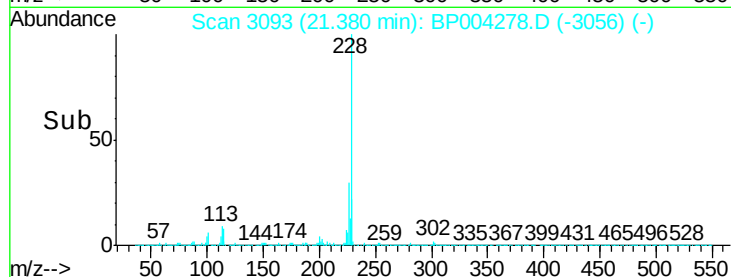
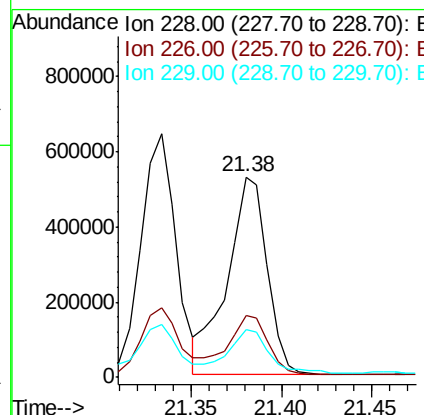
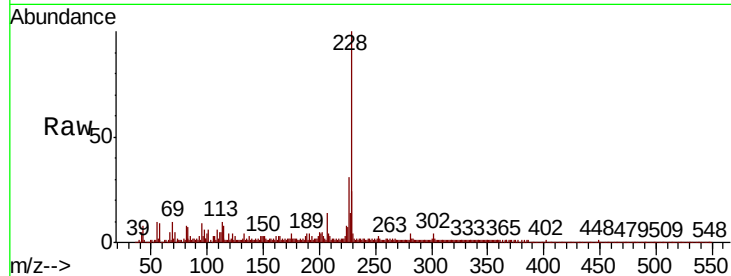
#85
 Chrysene
 Concen: 7.072 ng/ul m
 RT: 21.38 min Scan# 3093
 Delta R.T. 0.02 min
 Lab File: BP004278.D
 Acq: 14 Dec 2020 17:28

Instrument :
 BNA_P
 ClientSampleId :
 A54A4

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	23.9	15.8	23.8

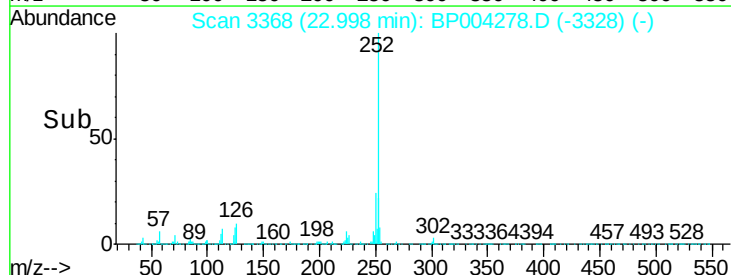
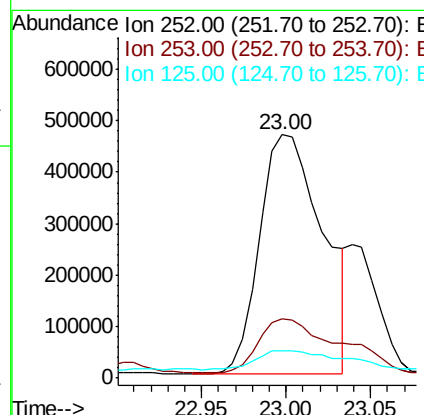
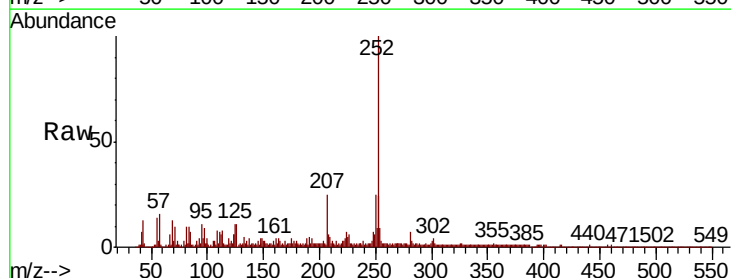
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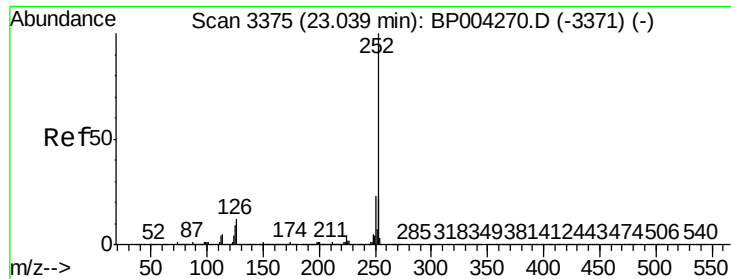
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#88
 Benzo(b)fluoranthene
 Concen: 9.532 ng/ul
 RT: 23.00 min Scan# 3368
 Delta R.T. 0.04 min
 Lab File: BP004278.D
 Acq: 14 Dec 2020 17:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	11.4	7.7	11.5





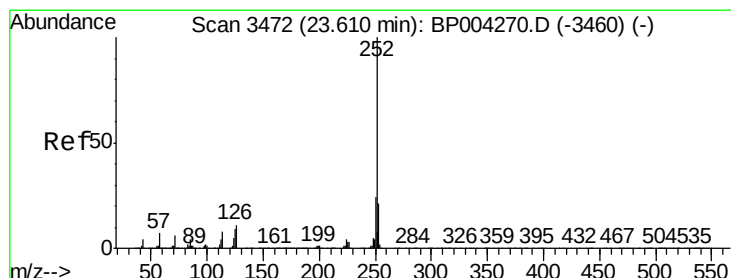
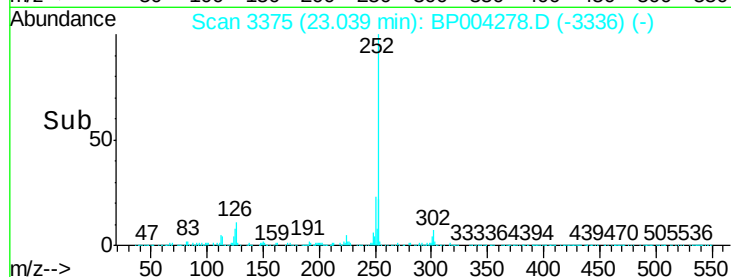
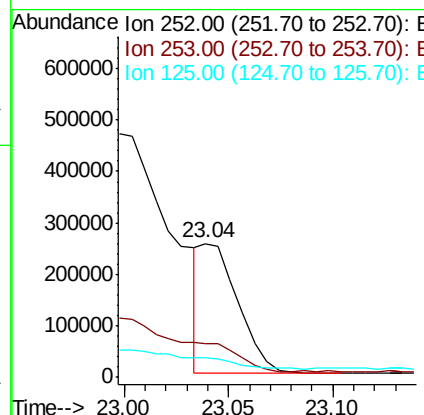
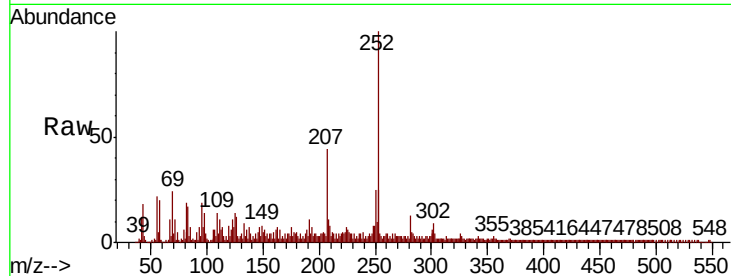
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Benzo(k)fluoranthene
Concen: 2.382 ng/ul m
RT: 23.04 min Scan# 3375
Delta R.T. 0.03 min
Lab File: BP004278.D
Acq: 14 Dec 2020 17:28

Instrument :
BNA_P
ClientSampleId :
A54A4

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.4	26.2
125	14.3	7.3	10.9

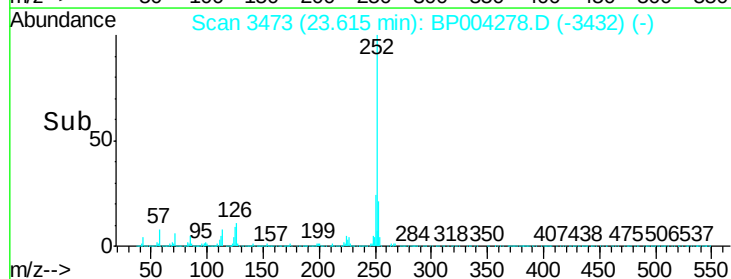
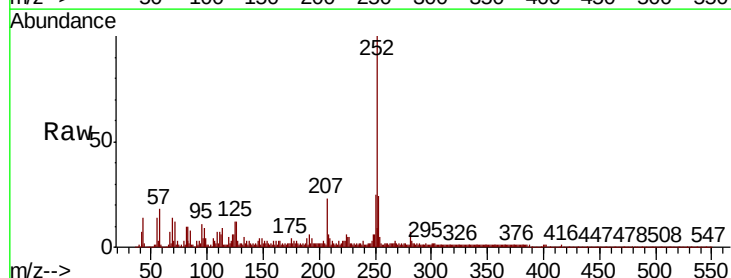
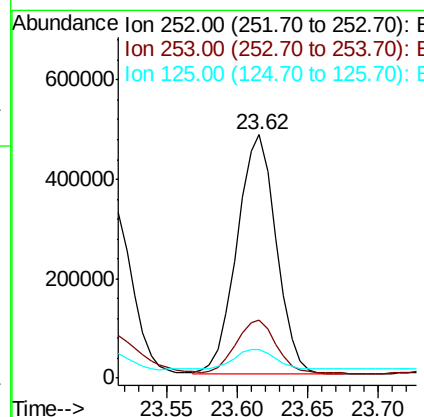
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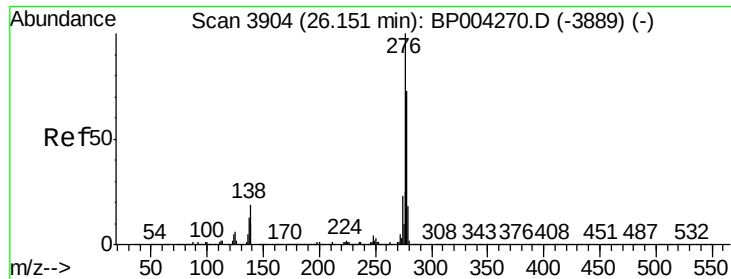
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12/17/2020 9:51:44 AM



#91
Benzo(a)pyrene
Concen: 7.922 ng/ul
RT: 23.62 min Scan# 3473
Delta R.T. 0.04 min
Lab File: BP004278.D
Acq: 14 Dec 2020 17:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	11.9	7.8	11.6





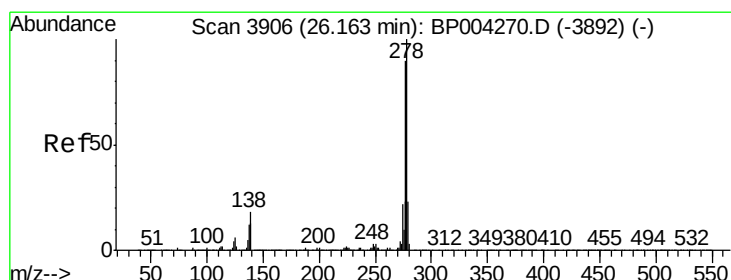
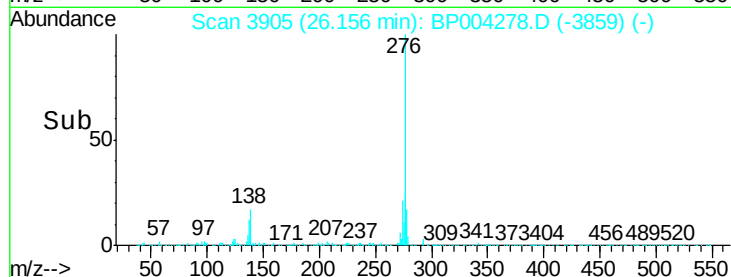
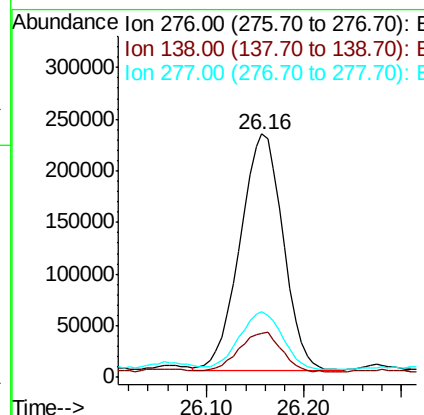
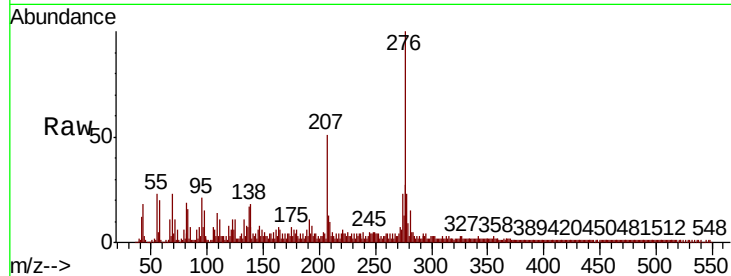
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 Indeno(1,2,3-cd)pyrene
 Concen: 4.704 ng/ul
 RT: 26.16 min Scan# 3905
 Delta R.T. 0.07 min
 Lab File: BP004278.D
 Acq: 14 Dec 2020 17:28

Instrument :
 BNA_P
 ClientSampleId :
 A54A4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	18.2		17.8	26.6	
277	26.9		19.8	29.6	

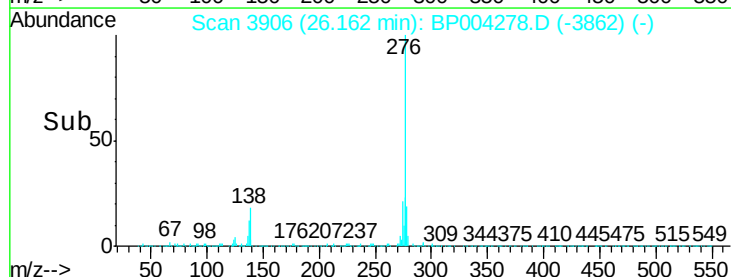
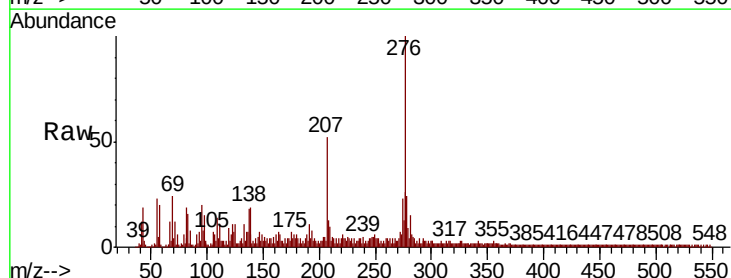
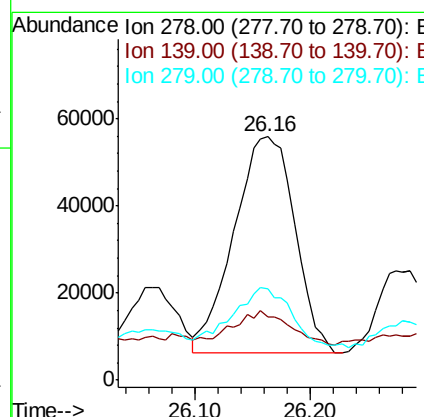
Manual Integrations
 APPROVED

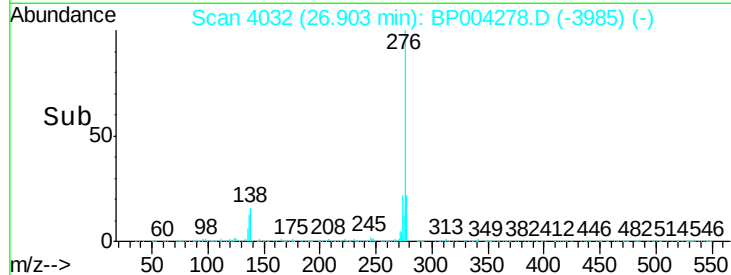
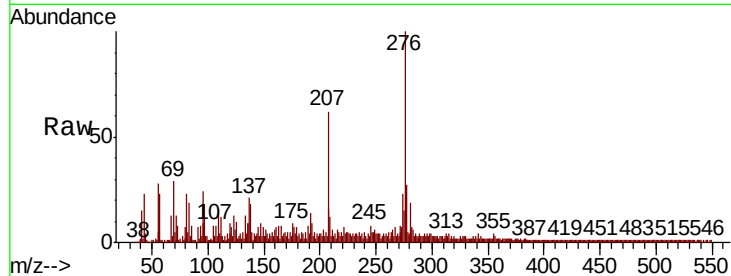
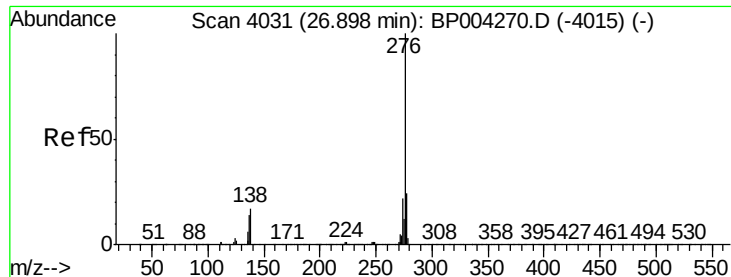
mohammad
 12/17/2020 9:51:44 AM



#93
 Dibenzo(a,h)anthracene
 Concen: 1.456 ng/ul
 RT: 26.16 min Scan# 3906
 Delta R.T. 0.06 min
 Lab File: BP004278.D
 Acq: 14 Dec 2020 17:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
278	100				
139	26.2		11.9	17.9#	
279	37.6		18.6	28.0#	





#94

Benzo(a,h,i)perylene

Concen: 4.935 ng/ul

RT: 26.90 min Scan# 4032

Delta R.T. 0.08 min

Lab File: BP004278.D

Acq: 14 Dec 2020 17:28

Instrument :

BNA_P

ClientSampleId :

A54A4

Tot Ion:	276	Resp:	616917
Ion Ratio	Lower	Upper	
276	100		
138	17.9	16.6	25.0
277	26.9	18.5	27.7

Manual Integrations
APPROVED

mohammad
12/17/2020 9:51:44 AM

