

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
 Data File : BP004348.D
 Acq On : 17 Dec 2020 19:22
 Operator : CG/JU
 Sample : L5067-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54E2

Manual Integrations
 APPROVED

mohammad
 12/18/2020 10:27:43 AM

Quant Time: Dec 18 00:55:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 18 00:21:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	246223	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.63	136	1031993	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.48	164	643794	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.24	188	1444993	20.00	ng/ul	-0.01
78) Chrysene-d12	21.34	240	1470272	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	1606609	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	16492	2.35	ng/uL	-0.01
5) Phenol-d5	6.99	99	345699	16.97	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	194544	15.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	282092	18.25	ng/ul	-0.01
13) 4-Methylphenol-d8	8.53	113	264878	17.21	ng/ul	-0.01
19) Nitrobenzene-d5	8.99	128	143123	16.93	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.71	143	157396	22.58	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.25	165	281743	18.38	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.76	131	298061	15.69	ng/ul	-0.01
44) Dimethylphthalate-d6	13.89	166	853593	17.35	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1139641	18.15	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.67	143	115233	13.87	ng/ul	-0.01
58) Fluorene-d10	15.48	176	770166	17.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	68844	9.93	ng/ul	-0.01
71) Anthracene-d10	17.34	188	1230334	17.47	ng/ul	-0.01
79) Pyrene-d10	19.58	212	1446977	18.89	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.55	264	1554080	18.36	ng/ul	-0.01

Target Compounds

					Ovalue
6) Phenol	7.02	94	124297	5.845	ng/ul 100
45) Dimethylphthalate	13.93	163	85629	1.709	ng/ul 98
48) Acenaphthylene	14.20	152	117458	1.885	ng/ul 99
70) Phenanthrene	17.29	178	667920	7.835	ng/ul 99
72) Anthracene	17.37	178	146837	1.741	ng/ul 99
77) Fluoranthene	19.26	202	1522653	16.728	ng/ul 97
80) Pyrene	19.61	202	1508548	15.211	ng/ul 97
83) Benzo(a)anthracene	21.32	228	847902	8.749	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.25	149	253469	5.718	ng/ul# 99
85) Chrysene	21.37	228	871787	9.169	ng/ul 98
88) Benzo(b)fluoranthene	22.99	252	1157885	11.365	ng/ul 98
89) Benzo(k)fluoranthene	23.03	252	385466m	3.684	ng/ul
91) Benzo(a)pyrene	23.60	252	855641	9.000	ng/ul 96
92) Indeno(1,2,3-cd)pyrene	26.13	276	608611	5.104	ng/ul 96
93) Dibenzo(a,h)anthracene	26.14	278	165213	1.653	ng/ul# 90
94) Benzo(g,h,i)perylene	26.87	276	561039	5.609	ng/ul 97

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

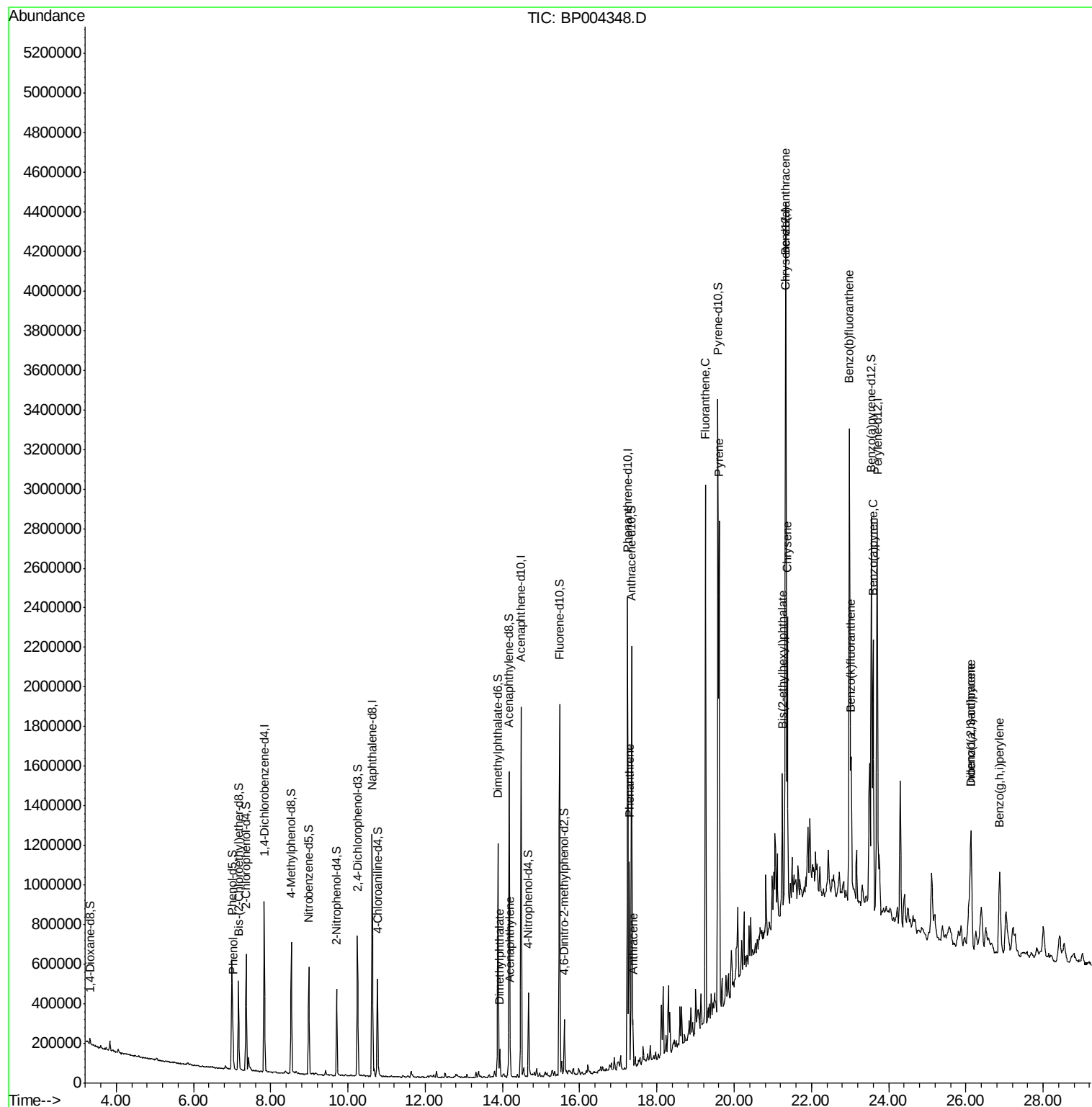
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004348.D
Acq On : 17 Dec 2020 19:22
Operator : CG/JU
Sample : L5067-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

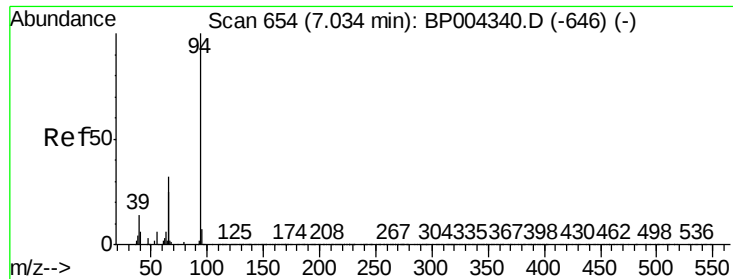
Instrument :
BNA_P
ClientSampled :
A54E2

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Quant Time: Dec 18 00:55:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 00:21:01 2020
Response via : Initial Calibration





#6

Phenol

Concen: 5.845 ng/ul

RT: 7.02 min Scan# 652

Delta R.T. -0.01 min

Lab File: BP004348.D

Acq: 17 Dec 2020 19:22

Instrument :

BNA_P

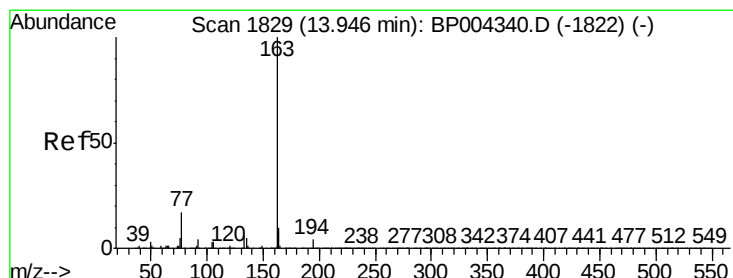
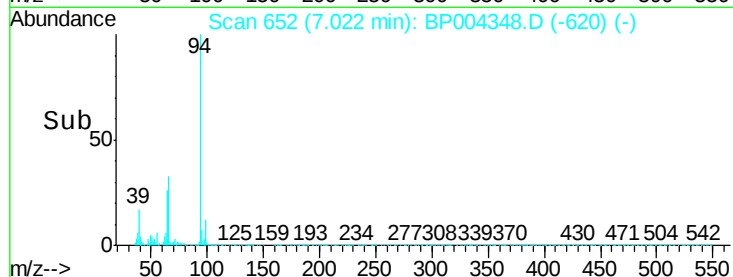
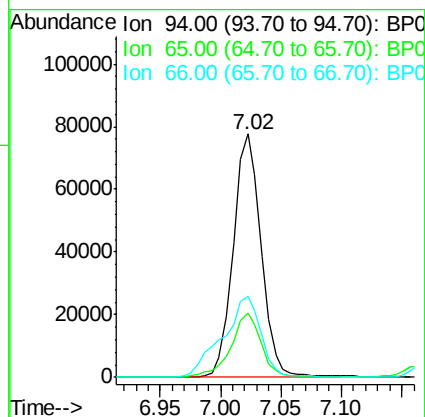
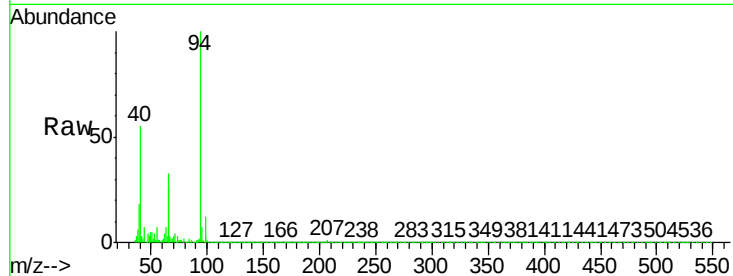
ClientSampled :

A54E2

Tot Ion:	94	Resp:	124297
Ion Ratio		Lower	Upper
94	100		
65	26.3	20.8	31.2
66	33.2	26.5	39.7

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#45

Dimethylphthalate

Concen: 1.709 ng/ul

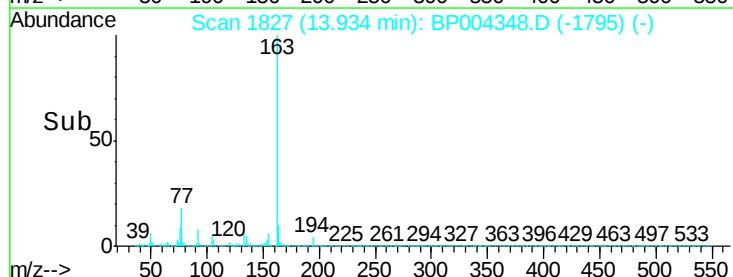
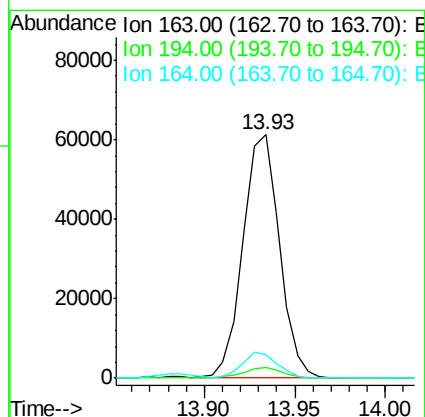
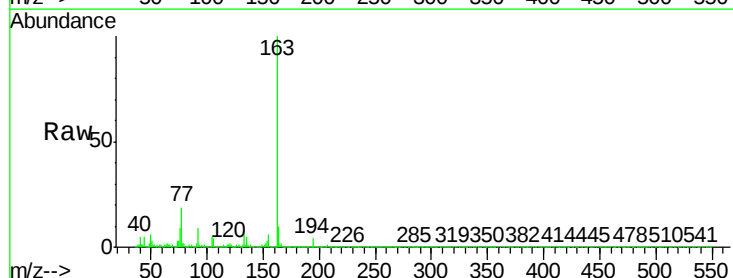
RT: 13.93 min Scan# 1827

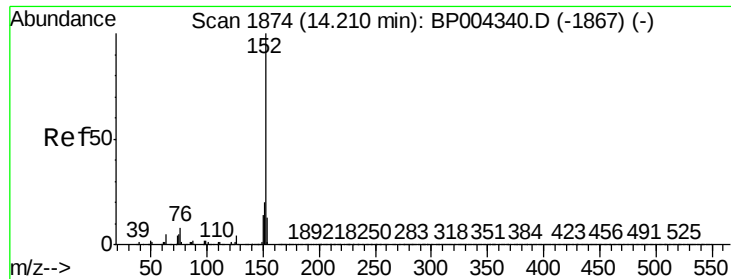
Delta R.T. -0.01 min

Lab File: BP004348.D

Acq: 17 Dec 2020 19:22

Tgt Ion:	163	Resp:	85629
Ion Ratio		Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.6	8.4	12.6





#48

Acenaphthylene

Concen: 1.885 ng/ul

RT: 14.20 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BP004348.D

Acq: 17 Dec 2020 19:22

Instrument :

BNA_P

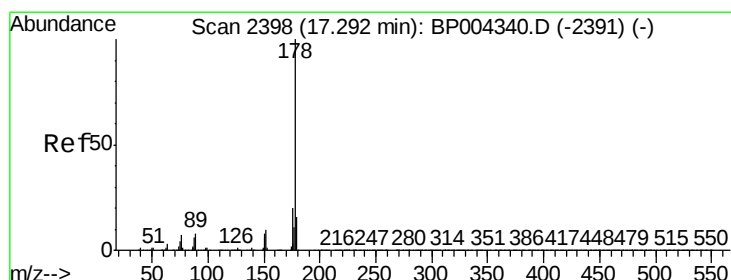
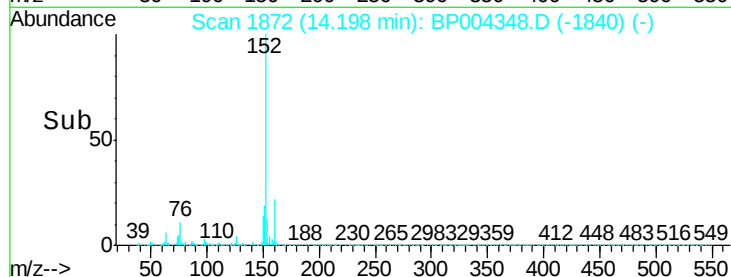
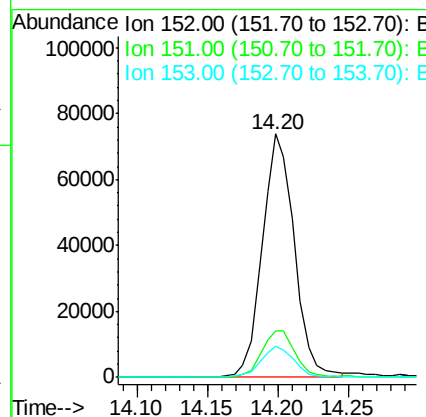
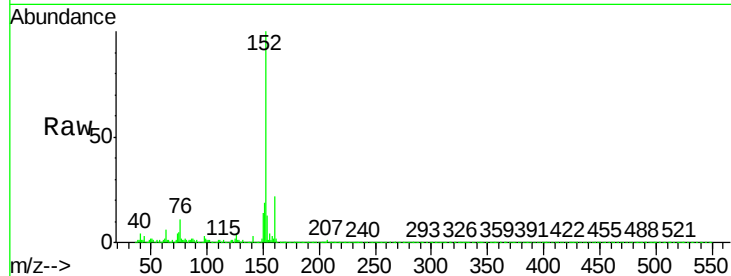
ClientSampled :

A54E2

Tot Ion:	152	Resp:	117458
Ion Ratio	Lower	Upper	
152	100		
151	19.1	15.8	23.8
153	12.9	10.6	16.0

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#70

Phenanthrene

Concen: 7.835 ng/ul

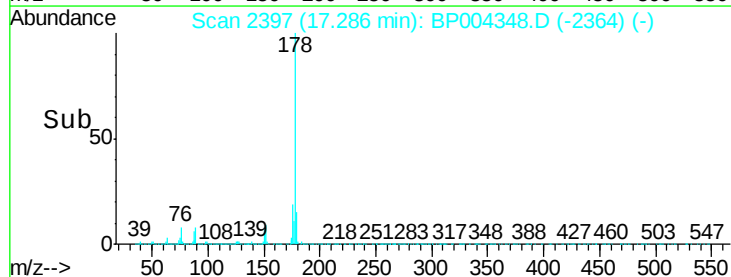
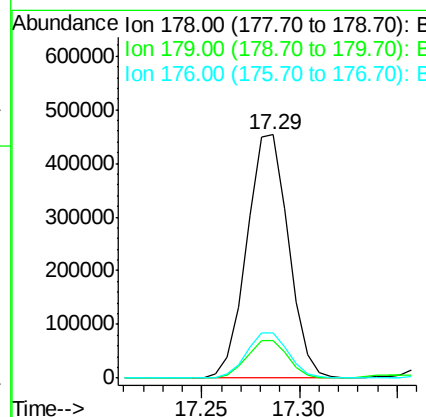
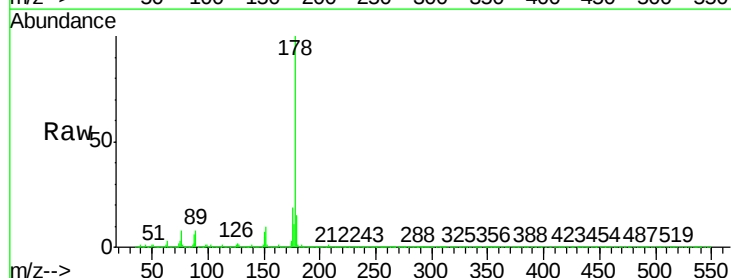
RT: 17.29 min Scan# 2397

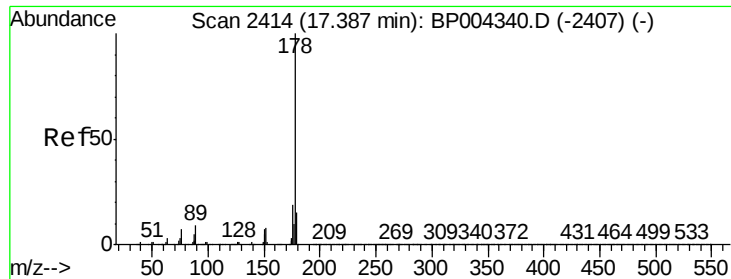
Delta R.T. -0.01 min

Lab File: BP004348.D

Acq: 17 Dec 2020 19:22

Tgt Ion:	178	Resp:	667920
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.4	18.6
176	18.7	15.4	23.0





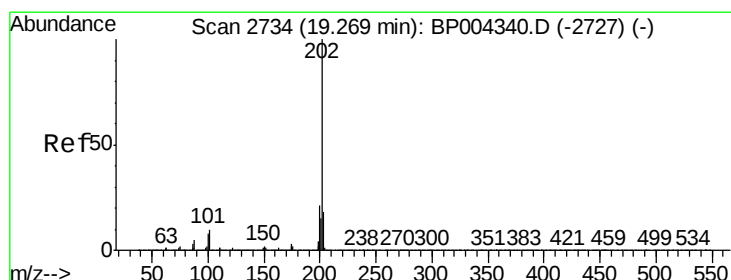
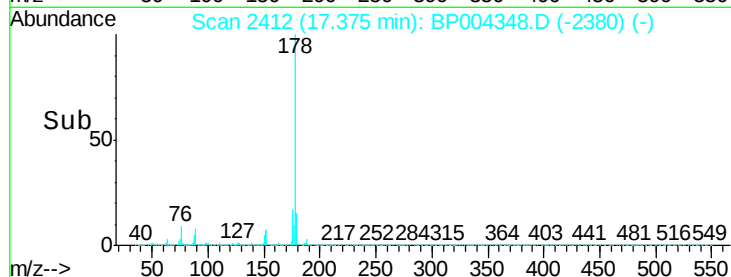
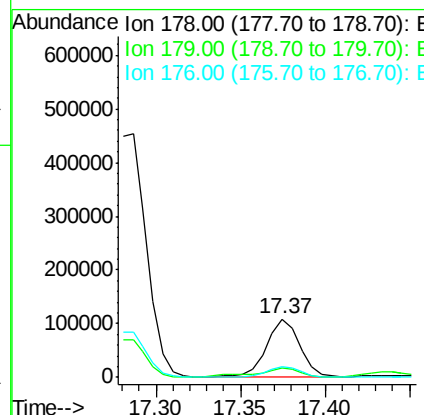
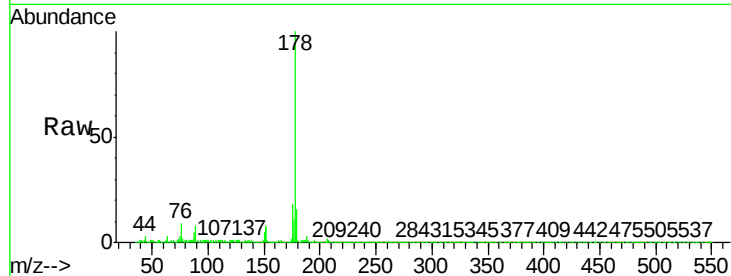
#72
 Anthracene
 Concen: 1.741 ng/ul
 RT: 17.37 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BP004348.D
 Acq: 17 Dec 2020 19:22

Instrument :
 BNA_P
 ClientSampleId :
 A54E2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	17.6	14.9	22.3

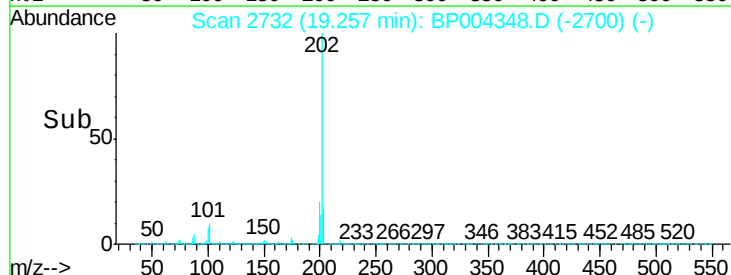
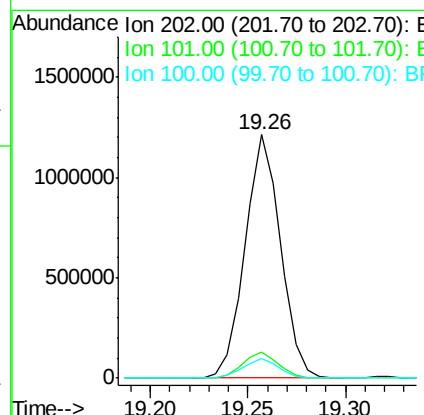
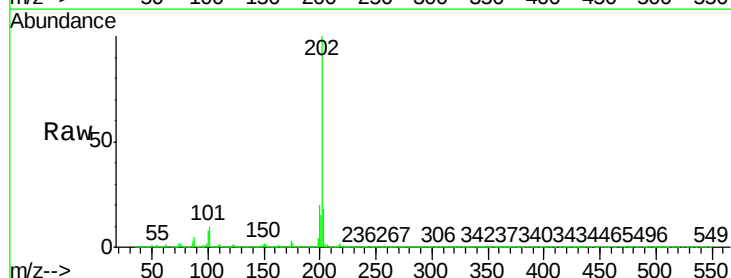
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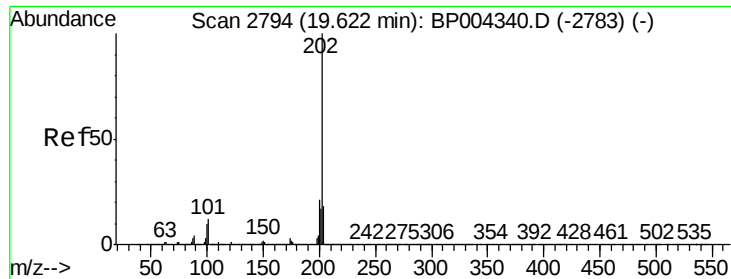
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#77
 Fluoranthene
 Concen: 16.728 ng/ul
 RT: 19.26 min Scan# 2732
 Delta R.T. -0.01 min
 Lab File: BP004348.D
 Acq: 17 Dec 2020 19:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.1	13.7
100	7.9	7.1	10.7





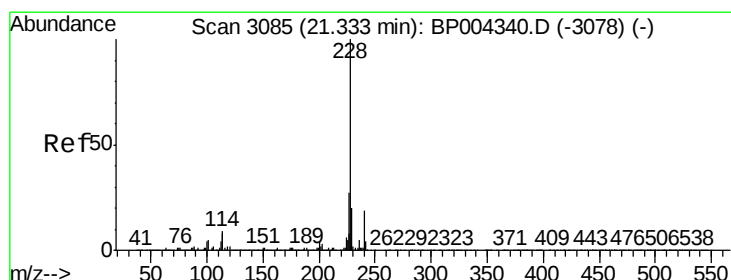
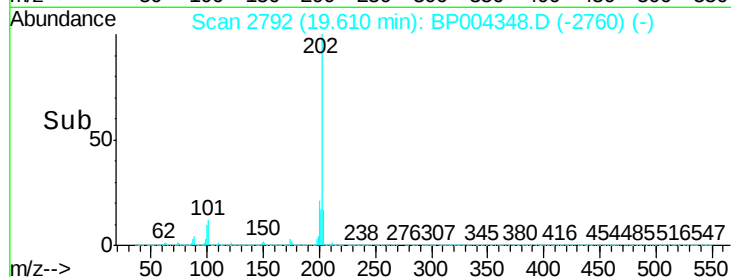
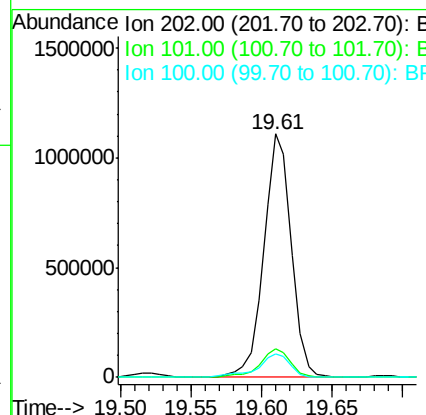
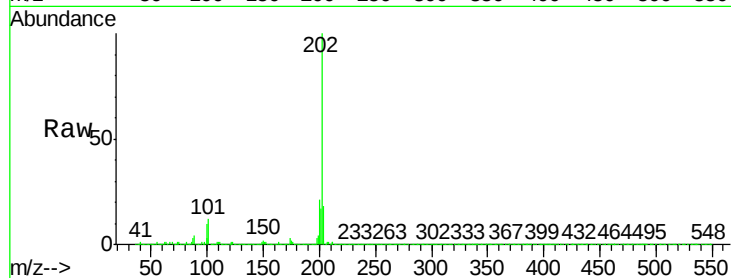
#80
Pvrene
Concen: 15.211 ng/ul
RT: 19.61 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BP004348.D
Acq: 17 Dec 2020 19:22

Instrument :
BNA_P
ClientSampleId :
A54E2

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.6	15.8
100	9.9	8.6	12.8

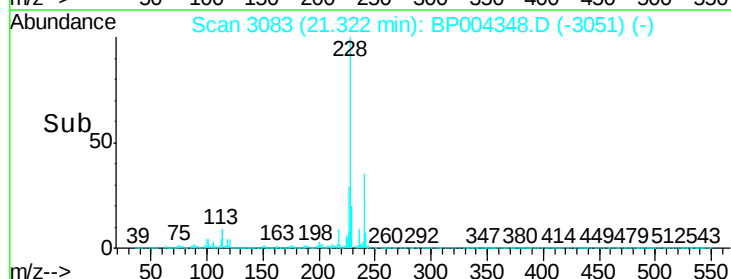
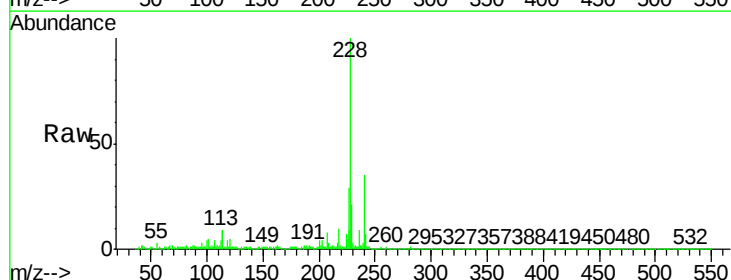
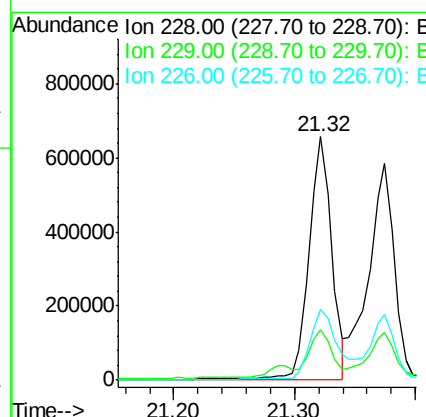
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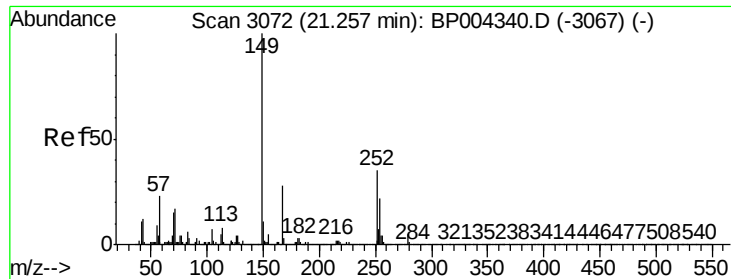
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#83
Benzo(a)anthracene
Concen: 8.749 ng/ul
RT: 21.32 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BP004348.D
Acq: 17 Dec 2020 19:22

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	29.0	21.7	32.5





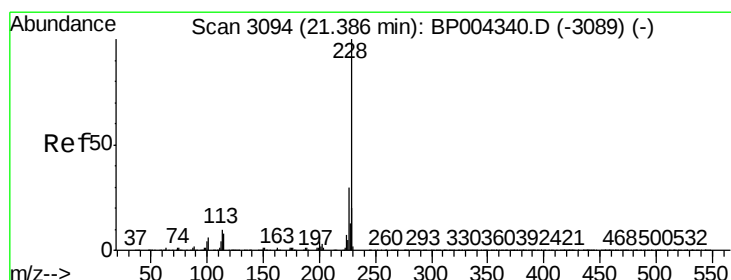
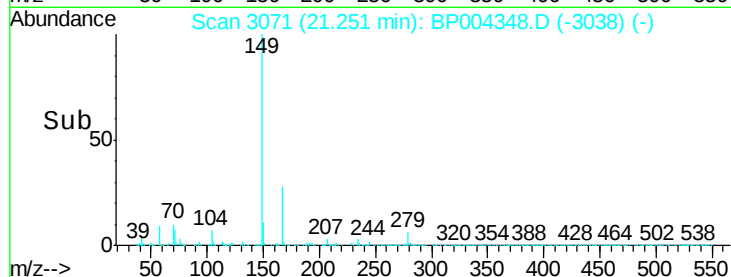
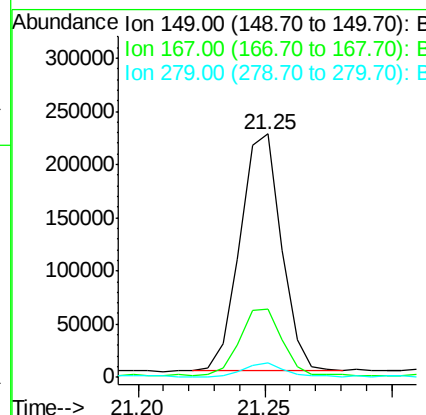
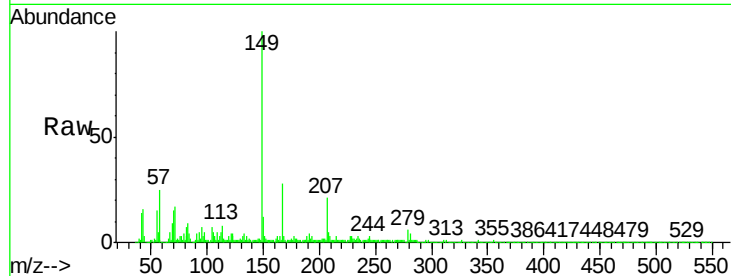
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.718 ng/ul
RT: 21.25 min Scan# 3071
Delta R.T. -0.01 min
Lab File: BP004348.D
Acq: 17 Dec 2020 19:22

Instrument :
BNA_P
ClientSampleId :
A54E2

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.4
279	5.8	3.6	5.4

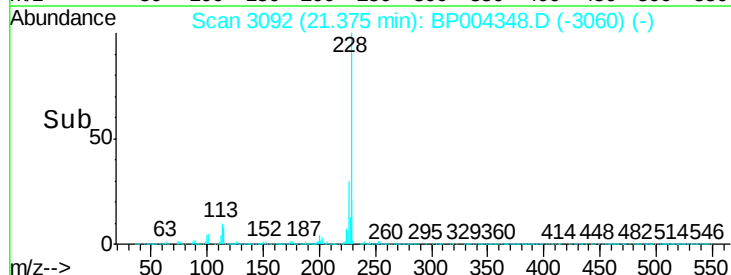
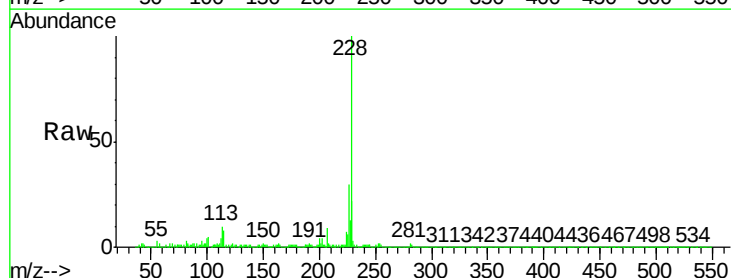
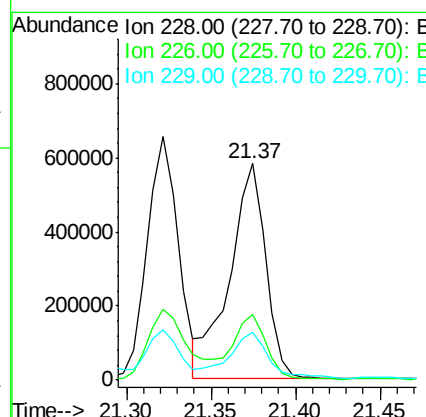
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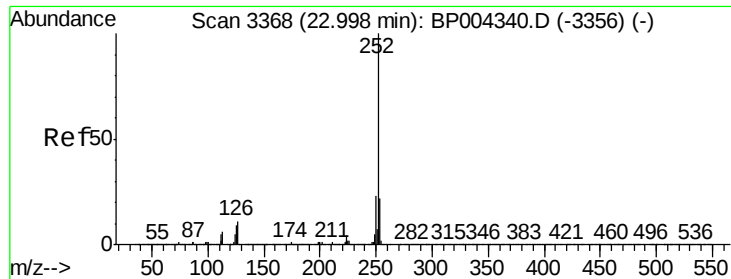
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#85
Chrysene
Concen: 9.169 ng/ul
RT: 21.37 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BP004348.D
Acq: 17 Dec 2020 19:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	21.9	15.8	23.8





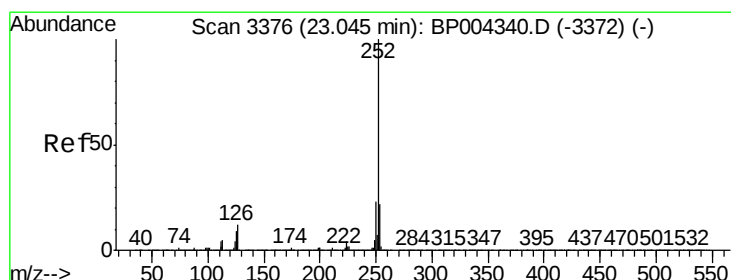
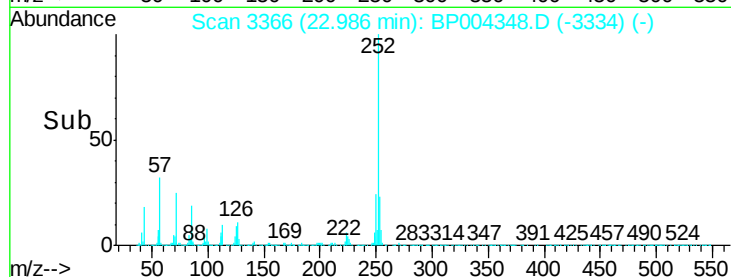
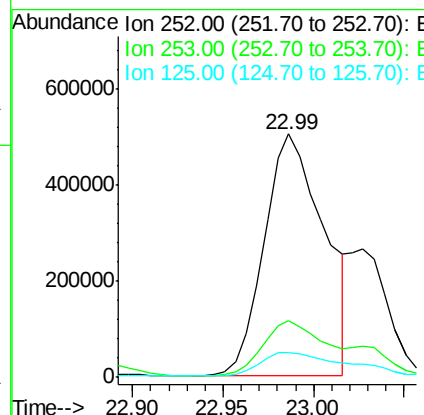
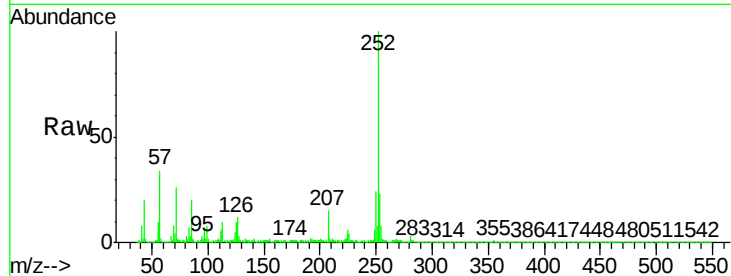
#88
Benzo(b)fluoranthene
Concen: 11.365 ng/ul
RT: 22.99 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BP004348.D
Acq: 17 Dec 2020 19:22

Instrument :
BNA_P
ClientSampleId :
A54E2

Tot Ion:252 Resp: 1157885
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 10.1 7.7 11.5

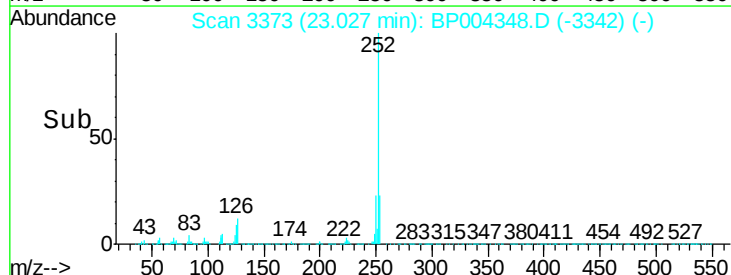
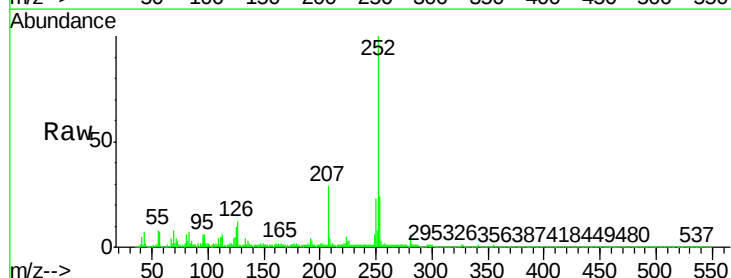
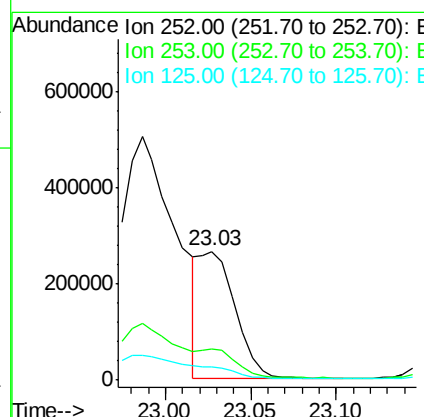
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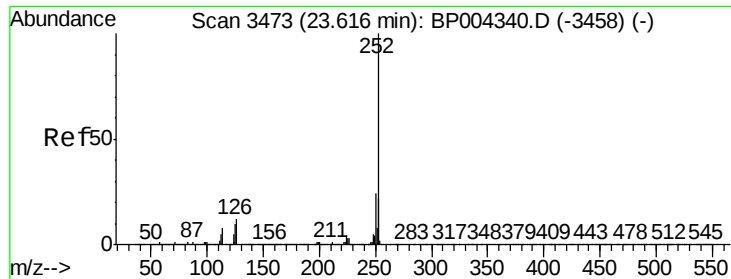
mohammad
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#89
Benzo(k)fluoranthene
Concen: 3.684 ng/ul m
RT: 23.03 min Scan# 3373
Delta R.T. -0.02 min
Lab File: BP004348.D
Acq: 17 Dec 2020 19:22

Tgt Ion:252 Resp: 385466
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.2
125 10.4 7.3 10.9





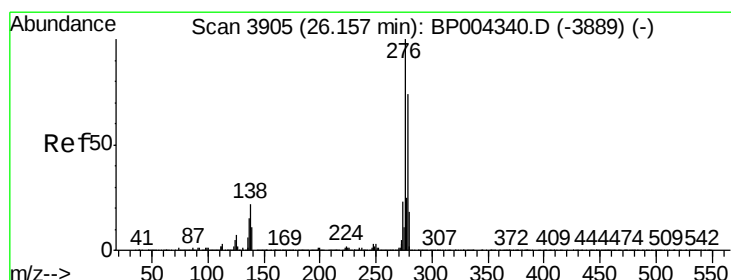
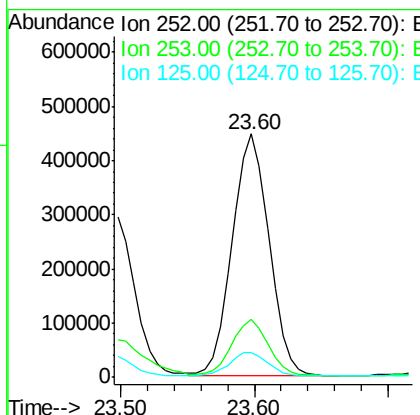
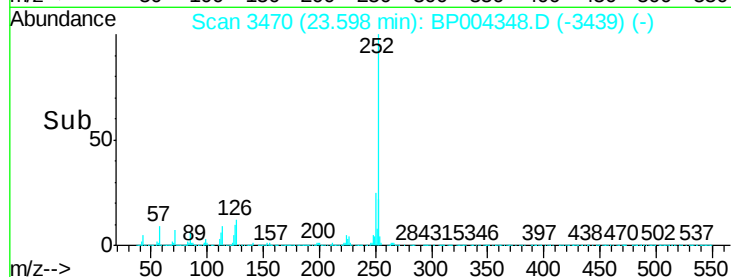
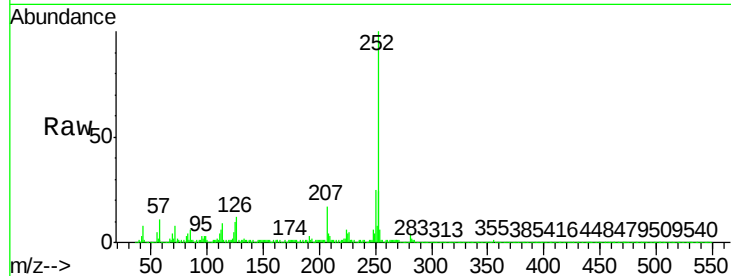
#91
Benzo(a)pyrene
Concen: 9.000 ng/ul
RT: 23.60 min Scan# 3470
Delta R.T. -0.02 min
Lab File: BP004348.D
Acq: 17 Dec 2020 19:22

Instrument :
BNA_P
ClientSampleId :
A54E2

Tot Ion:	252	Resp:	855641
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.3	25.9
125	10.3	7.8	11.6

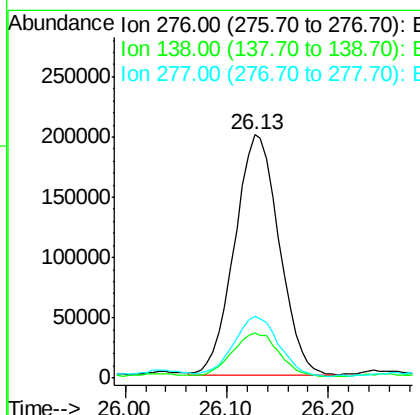
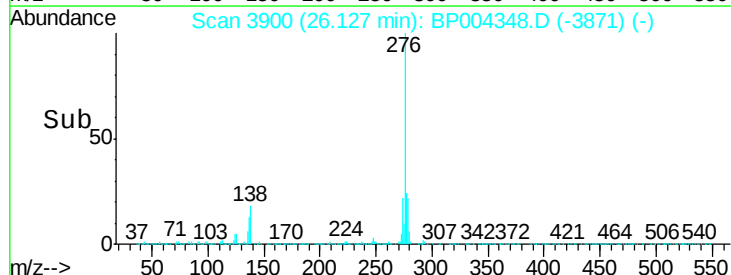
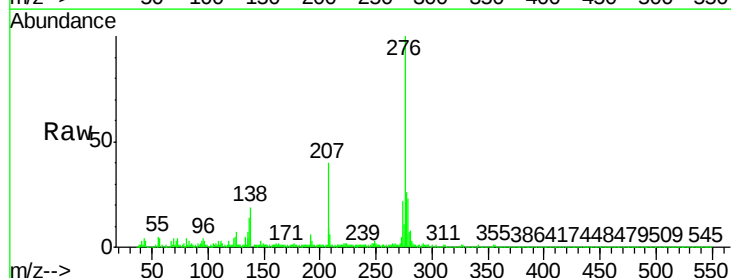
Manual Integrations
APPROVED

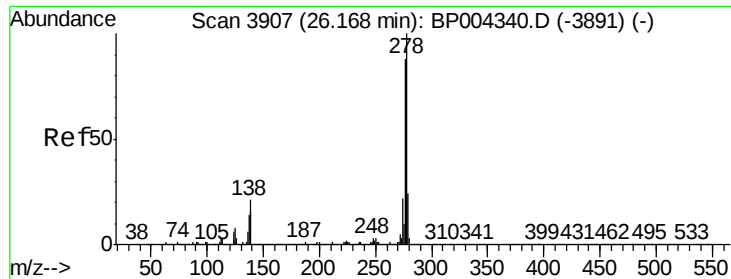
mohammad
12/18/2020 10:27:43 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 5.104 ng/ul
RT: 26.13 min Scan# 3900
Delta R.T. -0.03 min
Lab File: BP004348.D
Acq: 17 Dec 2020 19:22

Tgt Ion:	276	Resp:	608611
Ion Ratio	Lower	Upper	
276	100		
138	18.6	17.8	26.6
277	25.5	19.8	29.6





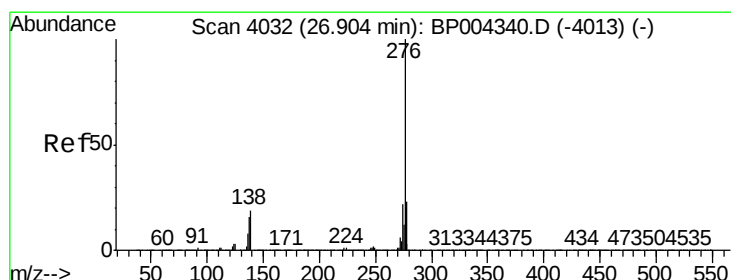
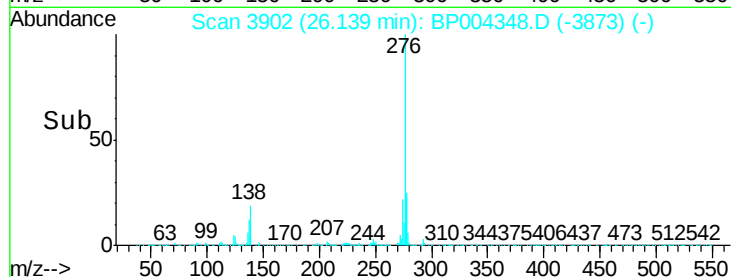
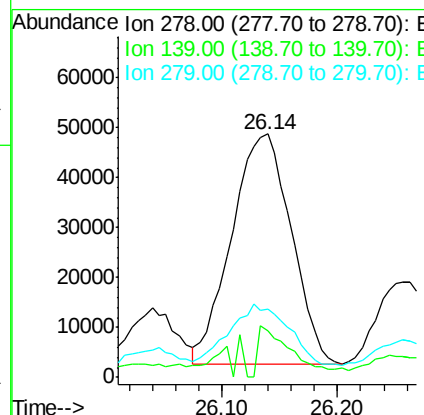
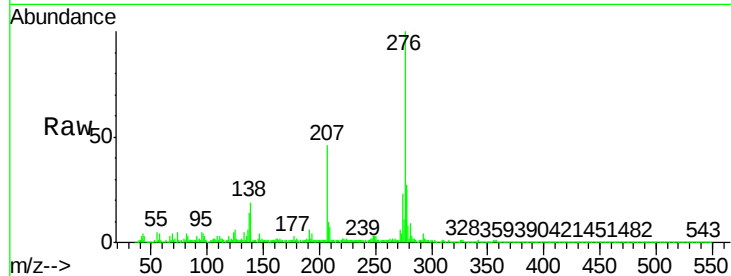
#93
Dibenzo(a,h)anthracene
Concen: 1.653 ng/ul
RT: 26.14 min Scan# 3902
Delta R.T. -0.03 min
Lab File: BP004348.D
Acq: 17 Dec 2020 19:22

Instrument :
BNA_P
ClientSampleId :
A54E2

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.9	11.9	17.9#
279	28.2	18.6	28.0#

Manual Integrations
APPROVED

mohammad
12/18/2020 10:27:43 AM



#94
Benzo(g,h,i)perylene
Concen: 5.609 ng/ul
RT: 26.87 min Scan# 4027
Delta R.T. -0.03 min
Lab File: BP004348.D
Acq: 17 Dec 2020 19:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.6	25.0
277	24.7	18.5	27.7

