

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122820\
 Data File : BP004451.D
 Acq On : 28 Dec 2020 14:13
 Operator : CG/JU
 Sample : L5132-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54U0

Manual Integrations
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Quant Time: Dec 28 14:45:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 28 14:00:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	198925	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	795947	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	485769	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1021366	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	997326	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1073474	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	11944	2.50	ng/uL	0.00
5) Phenol-d5	6.99	99	273723	15.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	157637	16.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	226925	16.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	212555	15.45	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	116913	16.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	111406	14.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	236043	16.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	179091	11.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	729473	18.76	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	995217	20.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	47854	6.81	ng/ul	0.01
58) Fluorene-d10	15.47	176	684699	20.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	29639	4.50	ng/ul	0.01
71) Anthracene-d10	17.33	188	1060719	21.02	ng/ul	0.00
79) Pyrene-d10	19.57	212	1184003	22.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	1301257	22.01	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	7.02	94	57413	3.304	ng/ul 99
28) Naphthalene	10.67	128	121576	2.719	ng/ul 100
34) 2-Methylnaphthalene	12.29	142	186769	6.055	ng/ul 99
41) 1,1'-Biphenyl	13.30	154	44493	1.121	ng/ul 99
45) Dimethylphthalate	13.92	163	122249	3.138	ng/ul 99
48) Acenaphthylene	14.19	152	829717	17.589	ng/ul 99
50) Acenaphthene	14.53	153	181143	5.481	ng/ul 99
54) Dibenzofuran	14.87	168	205238	4.410	ng/ul 97
59) Fluorene	15.53	166	367406	9.743	ng/ul 99
70) Phenanthrene	17.28	178	4426235	74.624	ng/ul 99
72) Anthracene	17.37	178	1146835	19.307	ng/ul 99
75) Carbazole	17.64	167	216380	4.406	ng/ul# 92
77) Fluoranthene	19.25	202	4885135	72.607	ng/ul 99
80) Pyrene	19.60	202	5007520	73.731	ng/ul 98
83) Benzo(a)anthracene	21.32	228	2406385	35.799	ng/ul 93
85) Chrysene	21.37	228	2384305	36.739	ng/ul 97
88) Benzo(b)fluoranthene	22.98	252	2622797	37.460	ng/ul 98
89) Benzo(k)fluoranthene	23.02	252	970461m	14.286	ng/ul
91) Benzo(a)pyrene	23.59	252	2027234	31.390	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	26.12	276	1292126	15.835	ng/ul 95
93) Dibenzo(a,h)anthracene	26.13	278	340564	5.011	ng/ul# 87
94) Benzo(a,h,i)perylene	26.87	276	982456	14.351	ng/ul 96

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 14:00:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

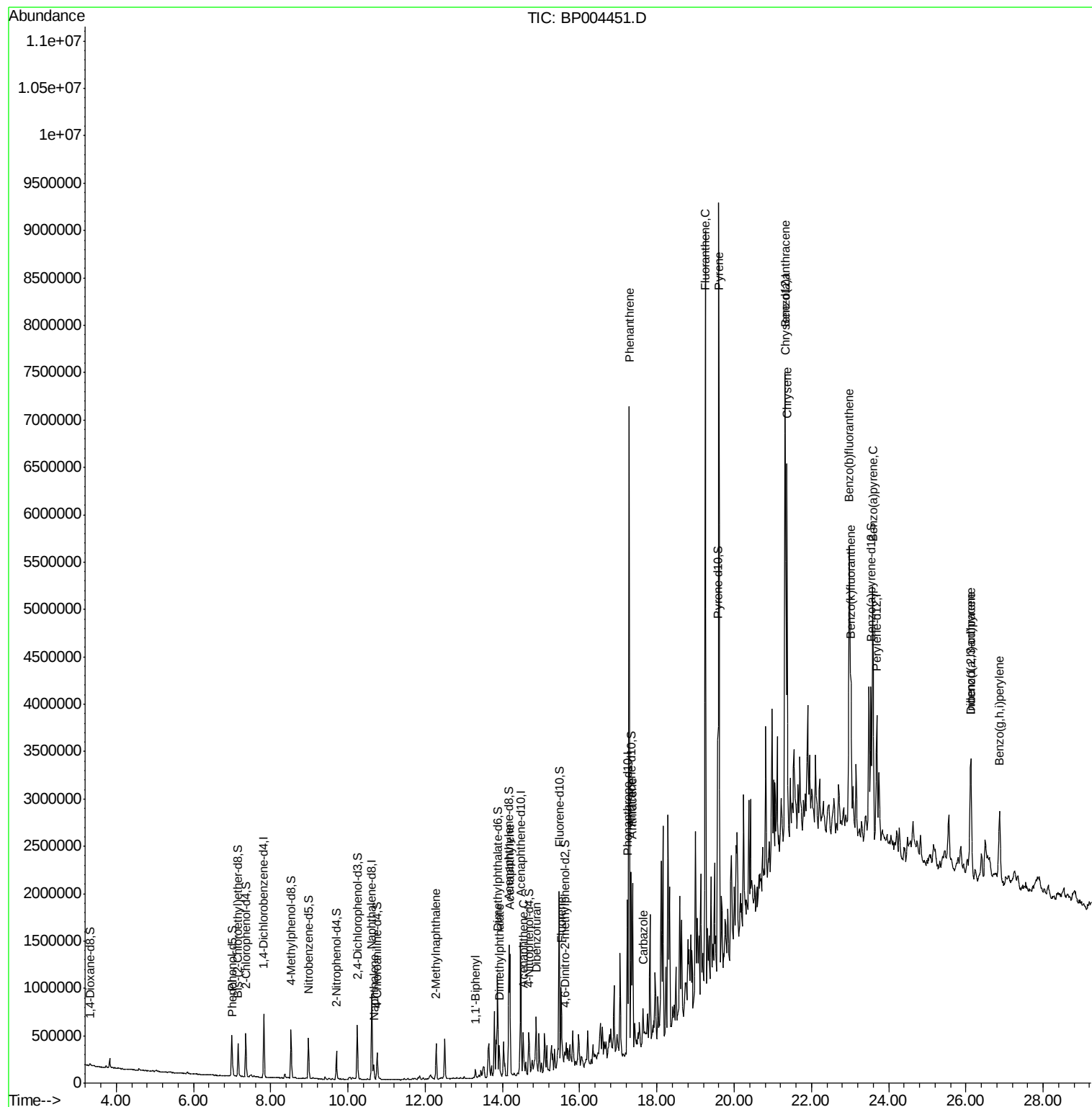
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122820\
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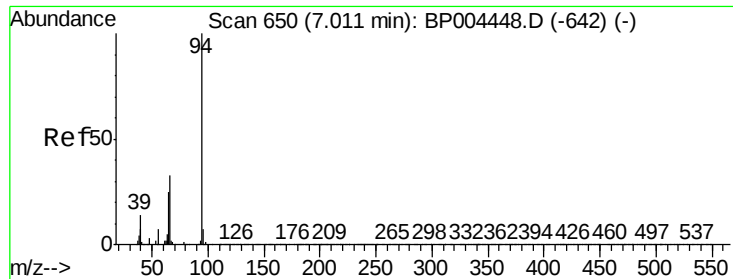
Instrument :
BNA_P
ClientSampled :
A54U0

Quant Time: Dec 28 14:45:56 2020
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#6

Phenol

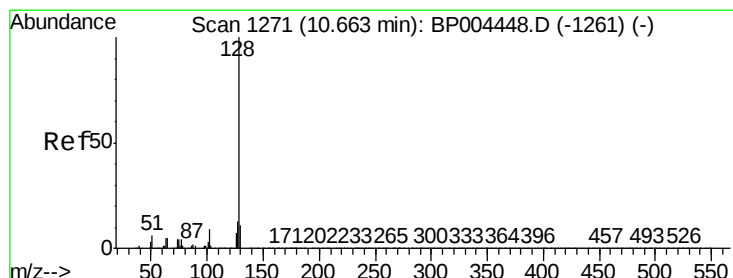
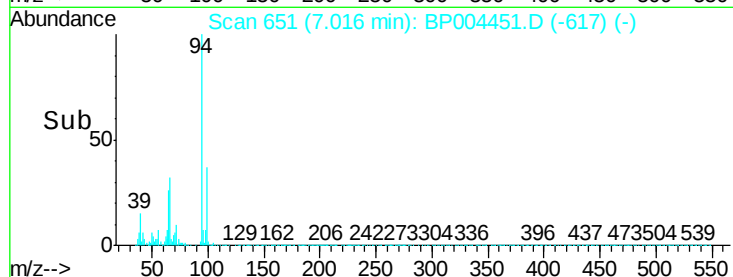
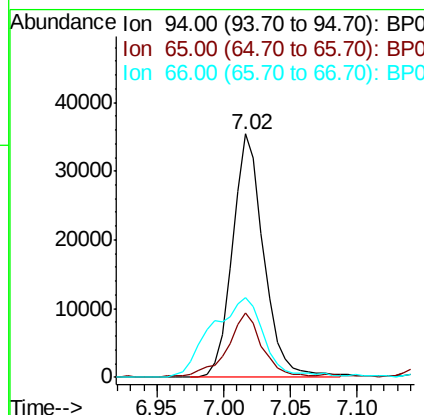
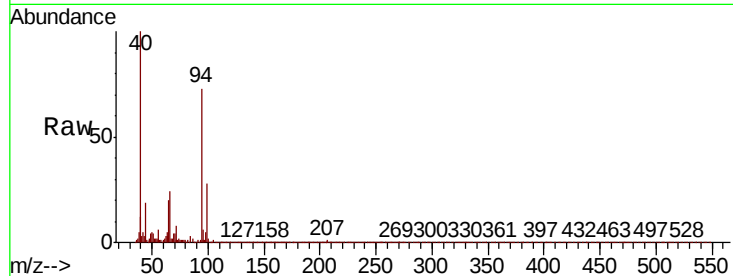
Concen: 3.304 ng/ul
 RT: 7.02 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BP004451.D
 Acq: 28 Dec 2020 14:13

Instrument :
 BNA_P
 ClientSampleId :
 A54U0

Tot Ion	Ion	Ratio	Lower	Upper
94	100			
65	26.6	20.3	30.5	
66	32.5	26.2	39.2	

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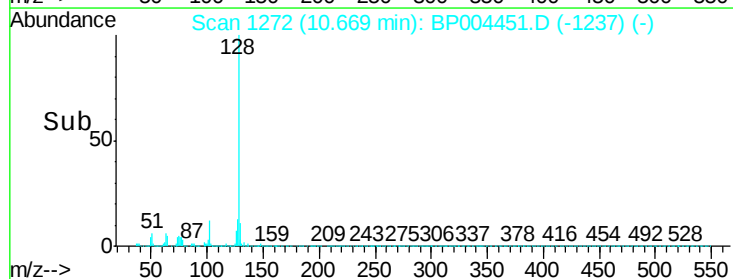
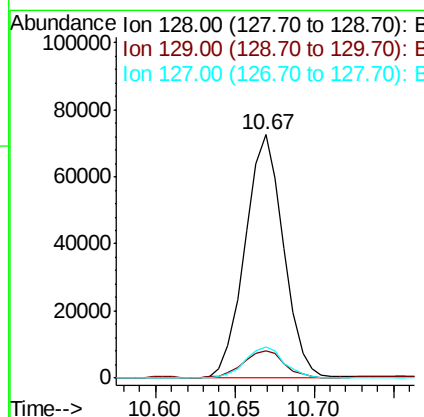
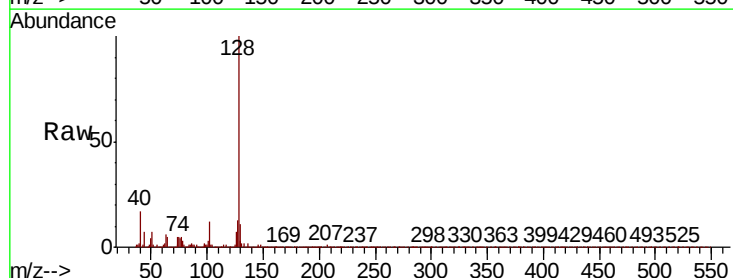


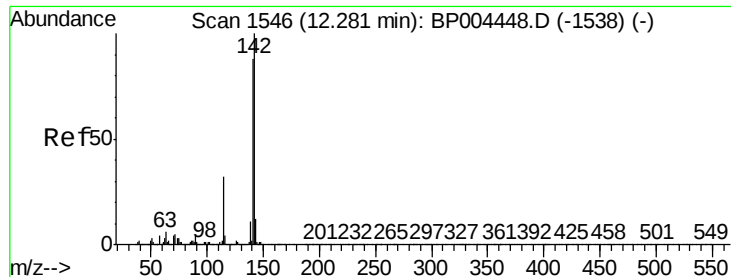
#28

Naphthalene

Concen: 2.719 ng/ul
 RT: 10.67 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: BP004451.D
 Acq: 28 Dec 2020 14:13

Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
129	11.2	8.8	13.2	
127	13.0	10.4	15.6	





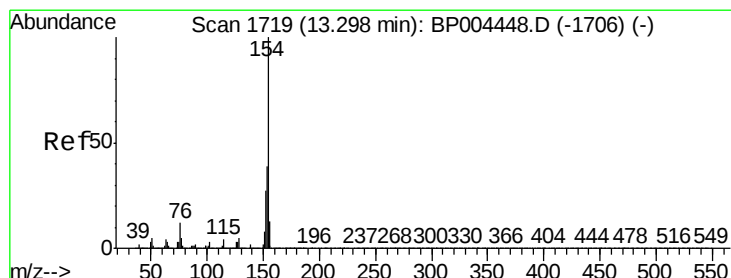
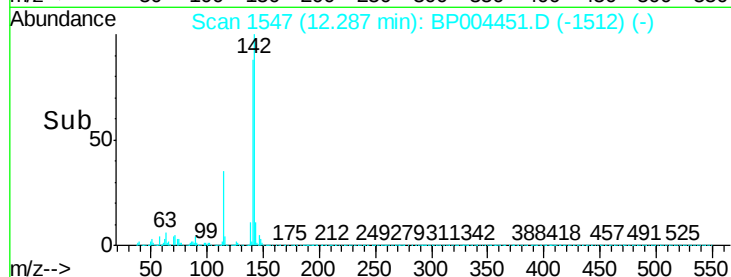
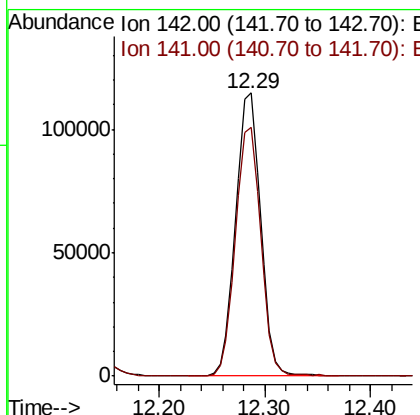
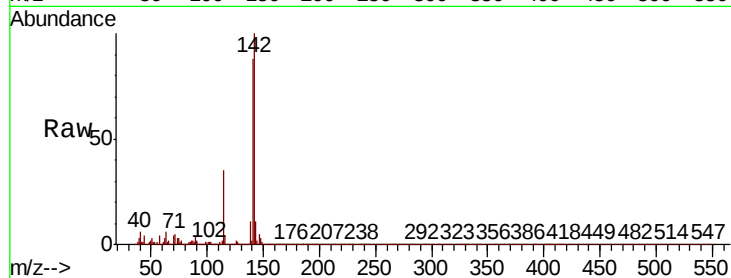
#34
2-Methylnaphthalene
Concen: 6.055 ng/ul
RT: 12.29 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BP004451.D
Acq: 28 Dec 2020 14:13

Instrument :
BNA_P
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
142	100	186769		
141	87.7	71.2	106.8	

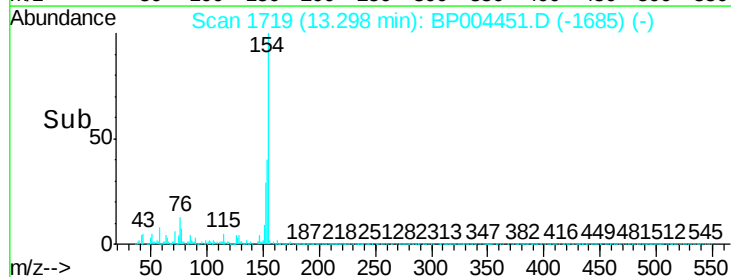
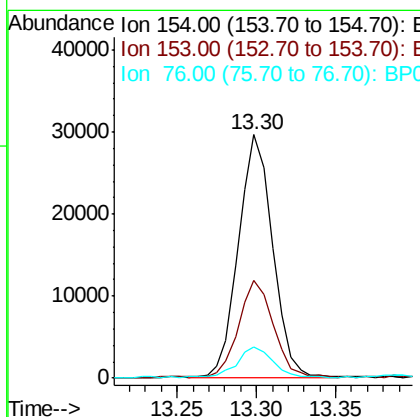
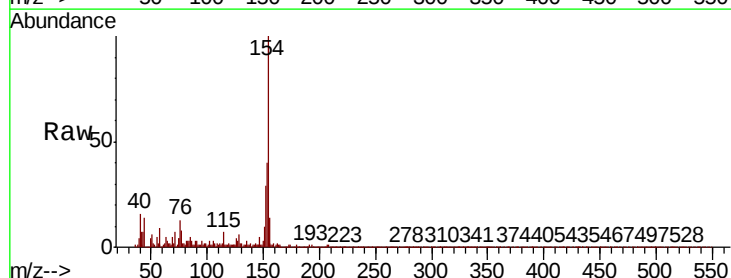
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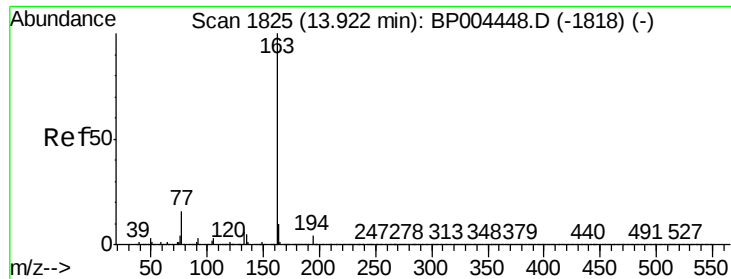
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#41
1,1'-Biphenyl
Concen: 1.121 ng/ul
RT: 13.30 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BP004451.D
Acq: 28 Dec 2020 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	44493		
153	40.0	32.4	48.6	
76	13.0	10.0	15.0	





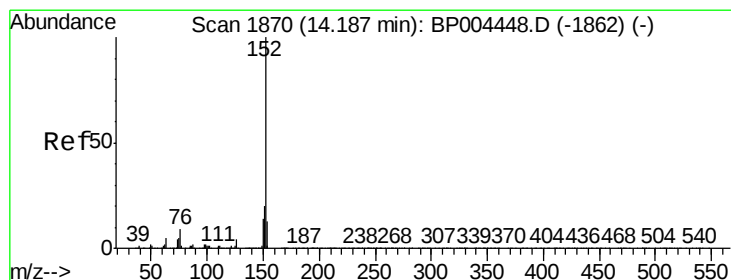
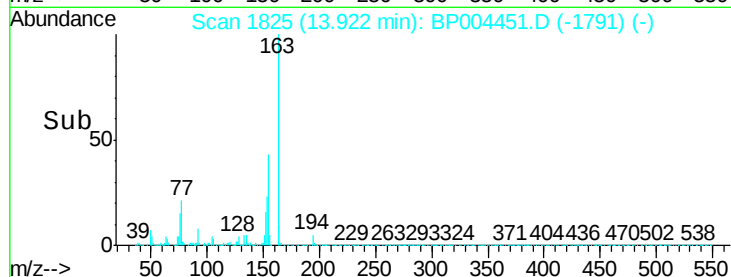
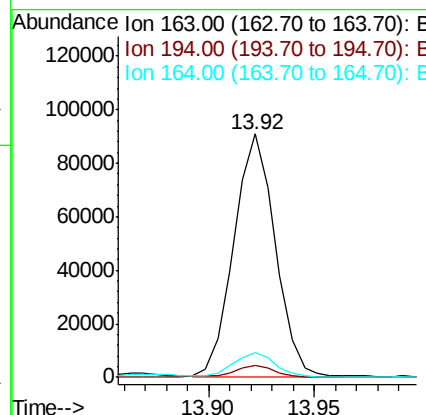
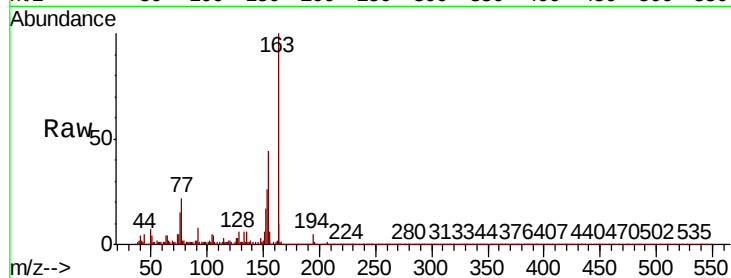
#45
Dimethylphthalate
Concen: 3.138 ng/ul
RT: 13.92 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BP004451.D
Acq: 28 Dec 2020 14:13

Instrument :
BNA_P
ClientSampleId :
A54U0

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.2	7.8	11.8

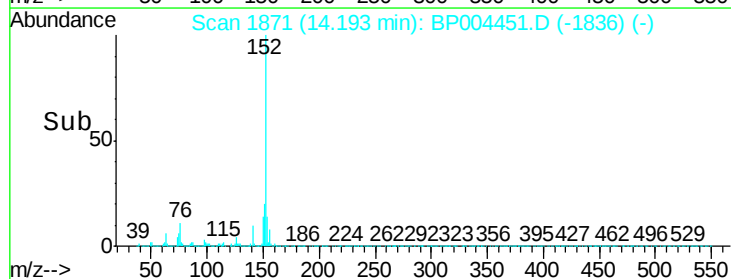
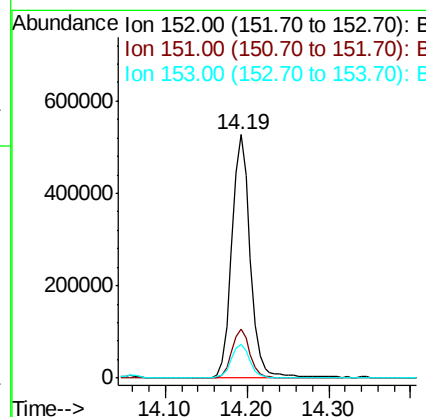
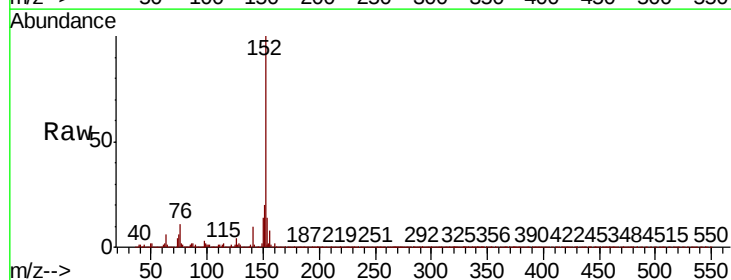
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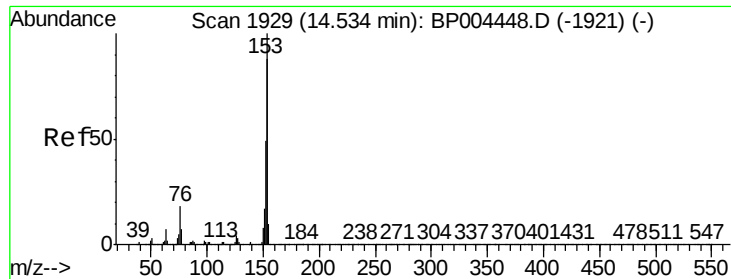
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#48
Acenaphthylene
Concen: 17.589 ng/ul
RT: 14.19 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BP004451.D
Acq: 28 Dec 2020 14:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	14.0	10.6	15.8





#50

Acenaphthene

Concen: 5.481 ng/ul

RT: 14.53 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BP004451.D

Acq: 28 Dec 2020 14:13

Instrument :

BNA_P

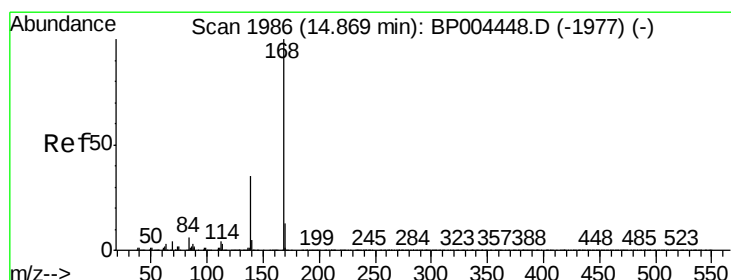
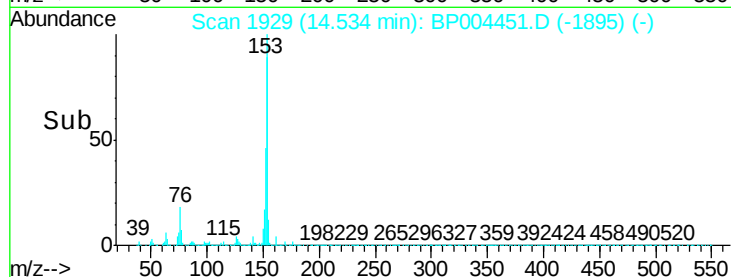
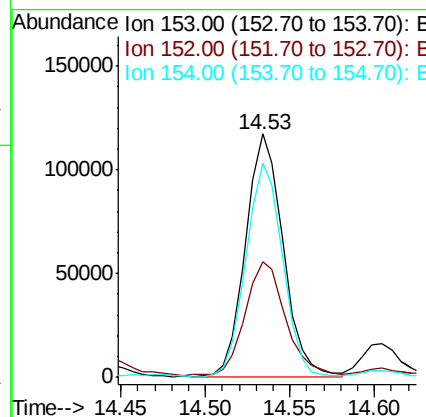
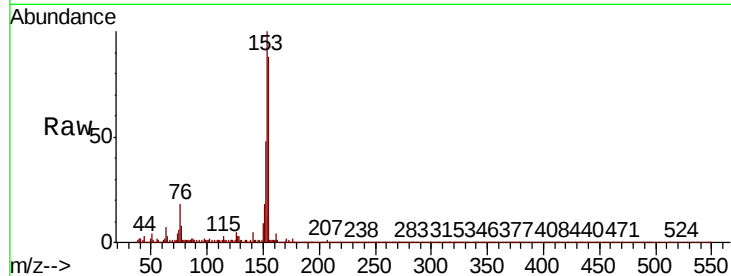
ClientSampleId :

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Tot Ion:	153	Resp:	181143
Ion Ratio	Lower	Upper	
153	100		
152	47.7	37.8	56.8
154	88.0	71.4	107.0

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#54

Dibenzofuran

Concen: 4.410 ng/ul

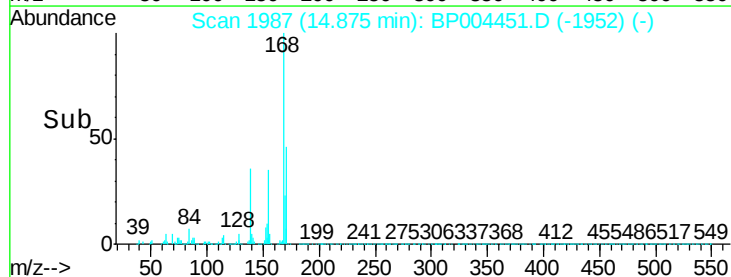
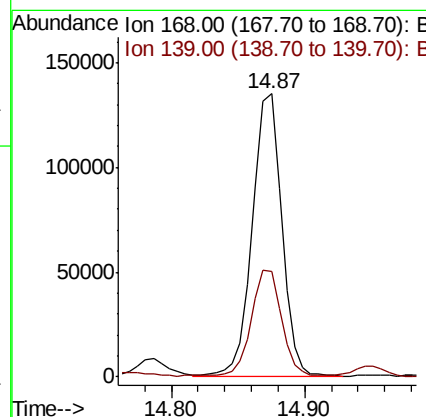
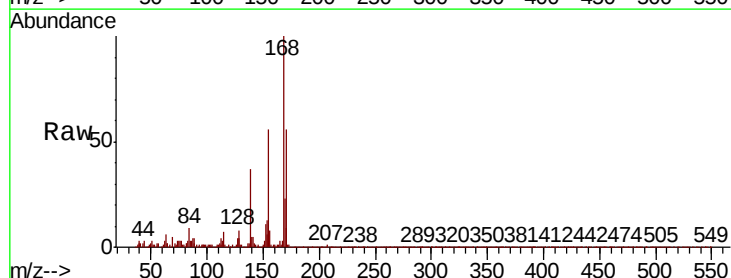
RT: 14.87 min Scan# 1987

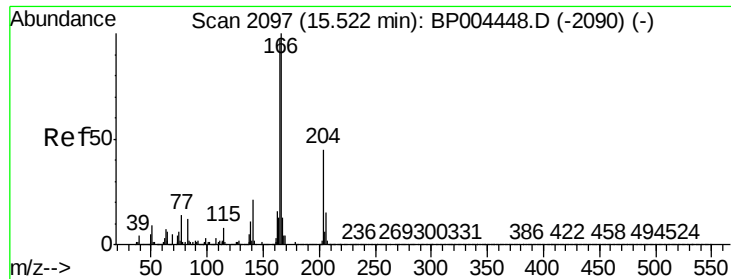
Delta R.T. 0.01 min

Lab File: BP004451.D

Acq: 28 Dec 2020 14:13

Tgt Ion:	168	Resp:	205238
Ion Ratio	Lower	Upper	
168	100		
139	37.2	28.3	42.5





#59

Fluorene

Concen: 9.743 ng/ul

RT: 15.53 min Scan# 2098

Delta R.T. 0.01 min

Lab File: BP004451.D

Acq: 28 Dec 2020 14:13

Instrument :

BNA_P

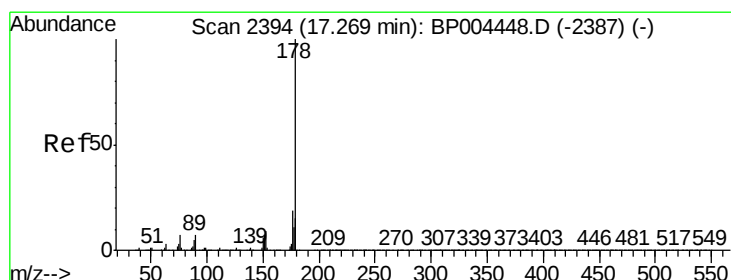
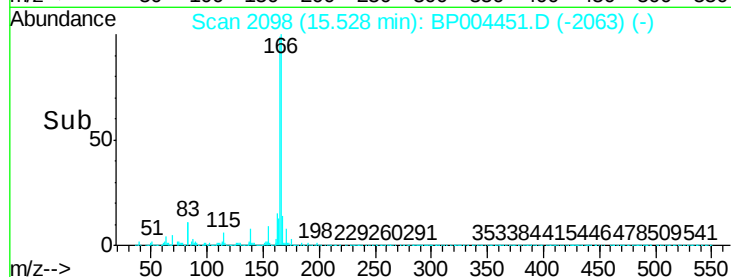
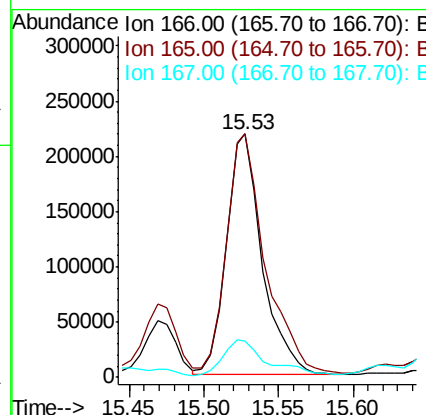
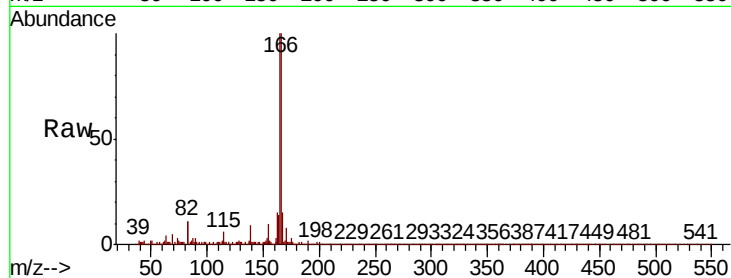
ClientSampled :

A54U0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	100.0	79.2	118.8		
167	15.0	10.8	16.2		

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#70

Phenanthrene

Concen: 74.624 ng/ul

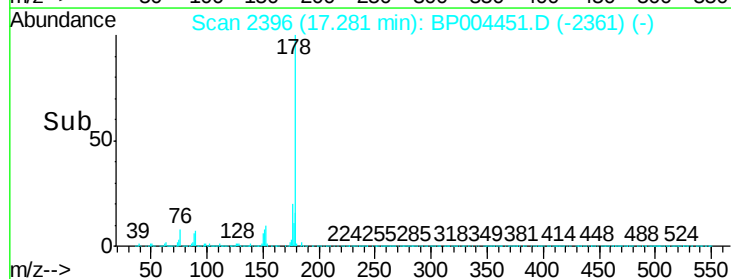
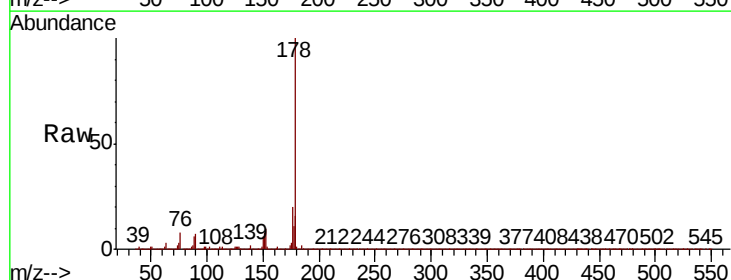
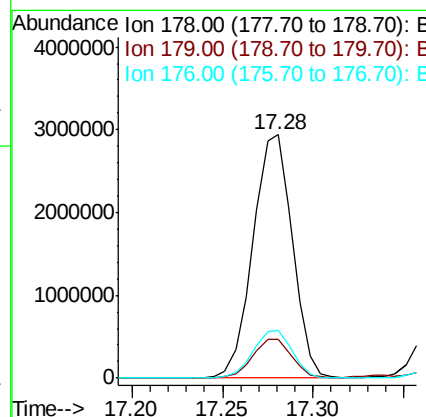
RT: 17.28 min Scan# 2396

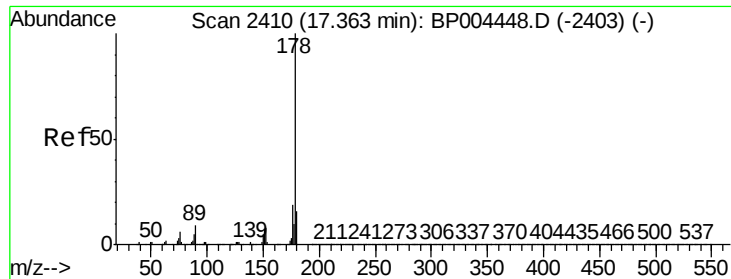
Delta R.T. 0.01 min

Lab File: BP004451.D

Acq: 28 Dec 2020 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
179	15.8	12.4	18.6		
176	19.8	15.3	22.9		





#72

Anthracene

Concen: 19.307 ng/ul

RT: 17.37 min Scan# 2411

Delta R.T. 0.01 min

Lab File: BP004451.D

Acq: 28 Dec 2020 14:13

Instrument :

BNA_P

ClientSampleId :

A54U0

Tot Ion:178 Resp: 1146835

Ion Ratio Lower Upper

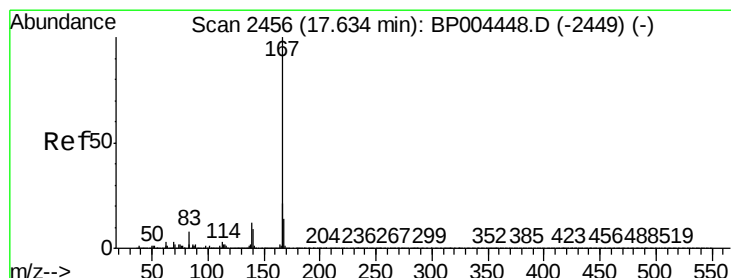
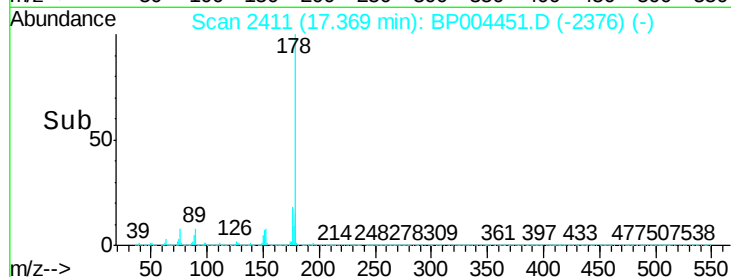
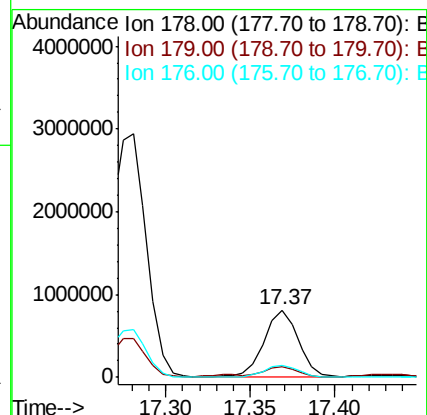
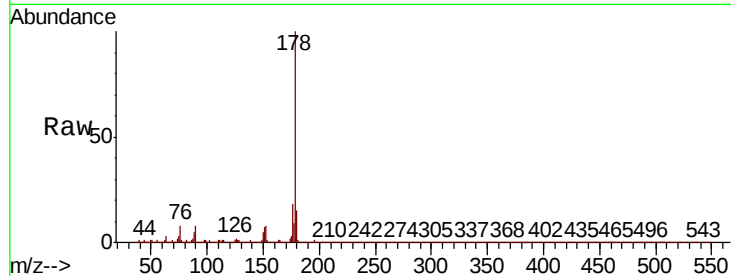
178 100

179 15.3 12.4 18.6

176 18.4 15.0 22.4

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#75

Carbazole

Concen: 4.406 ng/ul

RT: 17.64 min Scan# 2457

Delta R.T. 0.01 min

Lab File: BP004451.D

Acq: 28 Dec 2020 14:13

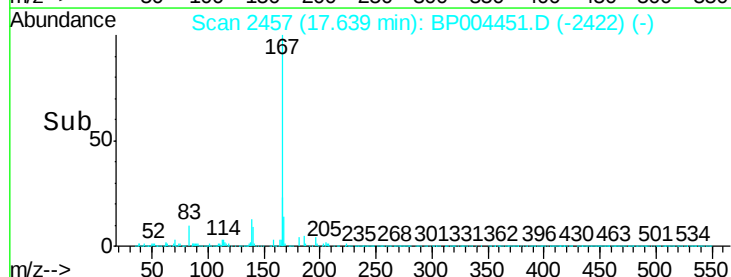
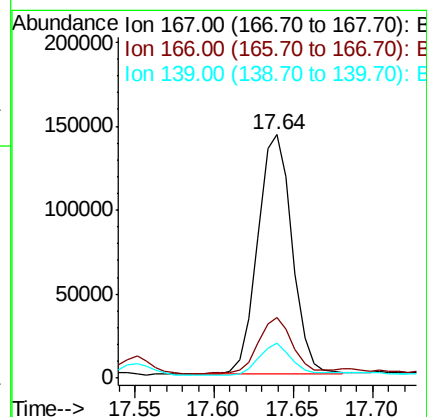
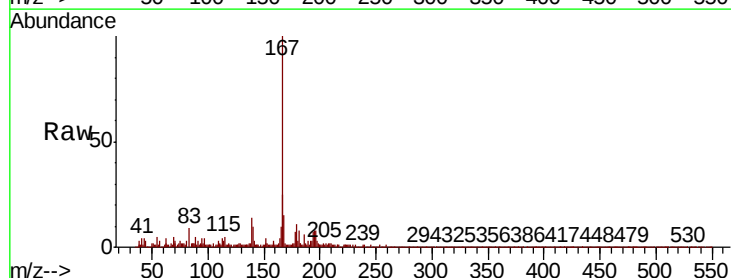
Tgt Ion:167 Resp: 216380

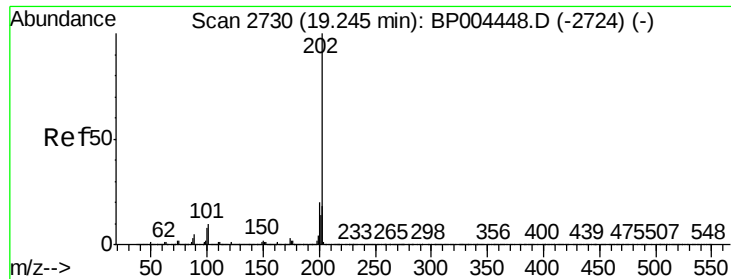
Ion Ratio Lower Upper

167 100

166 24.9 16.9 25.3

139 14.4 9.5 14.3#





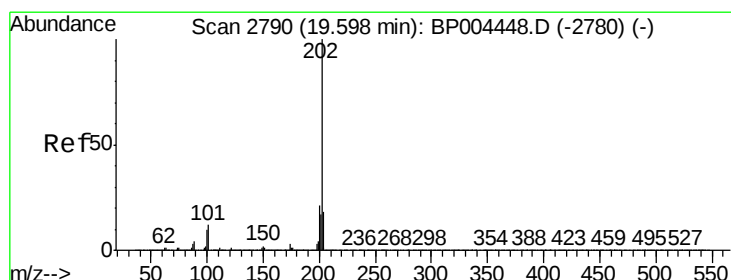
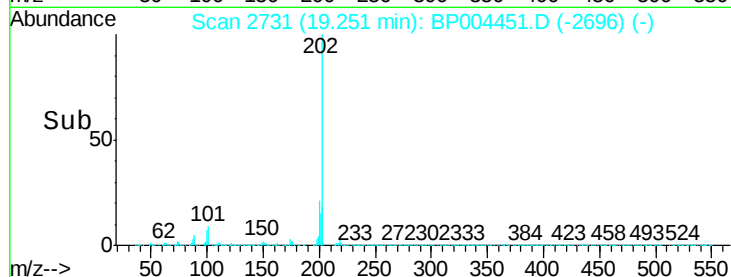
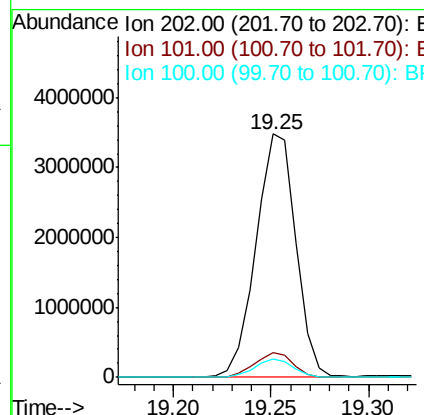
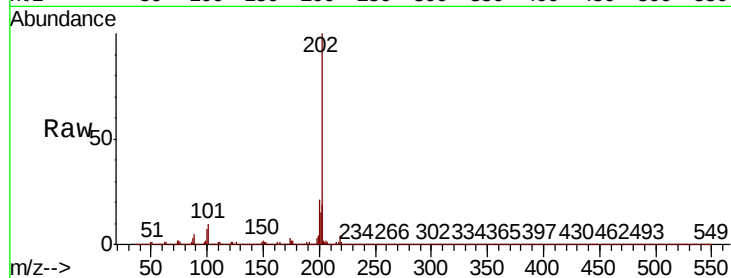
#77
Fluoranthene
Concen: 72.607 ng/ul
RT: 19.25 min Scan# 2731
Delta R.T. 0.01 min
Lab File: BP004451.D
Acq: 28 Dec 2020 14:13

Instrument :
BNA_P
ClientSampleId :
A54U0

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.0	12.0
100	7.4	6.2	9.4

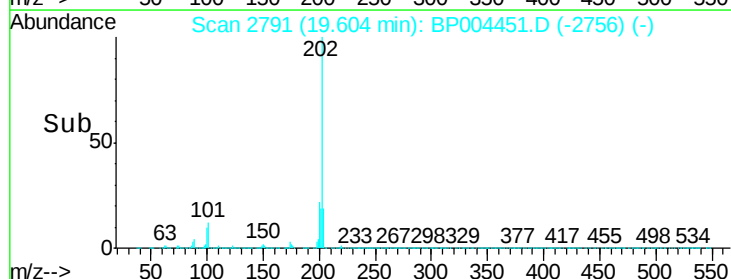
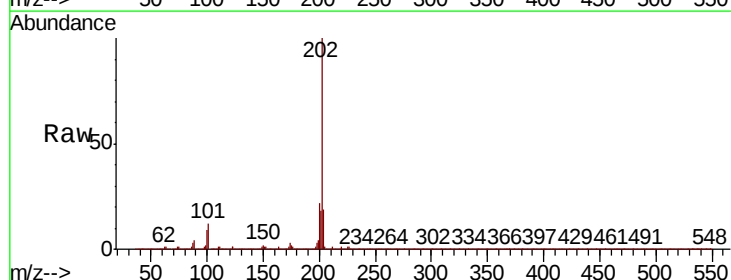
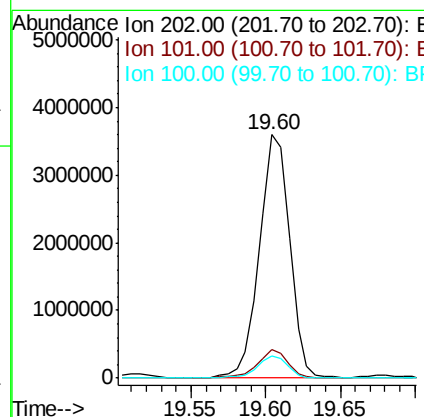
Manual Integrations
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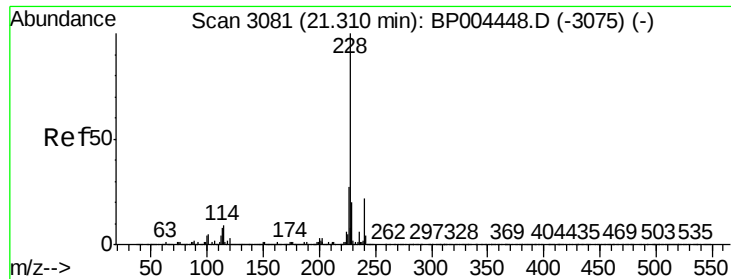
mohammad
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#80
Pyrene
Concen: 73.731 ng/ul
RT: 19.60 min Scan# 2791
Delta R.T. 0.01 min
Lab File: BP004451.D
Acq: 28 Dec 2020 14:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
100	9.2	8.0	12.0





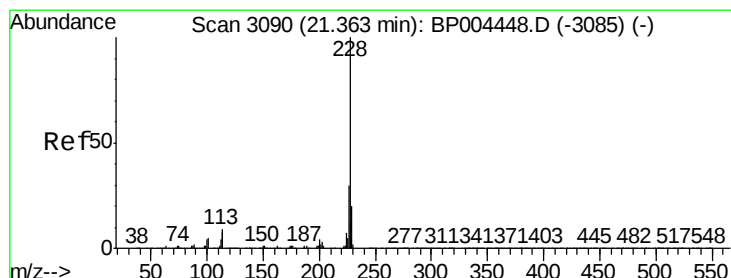
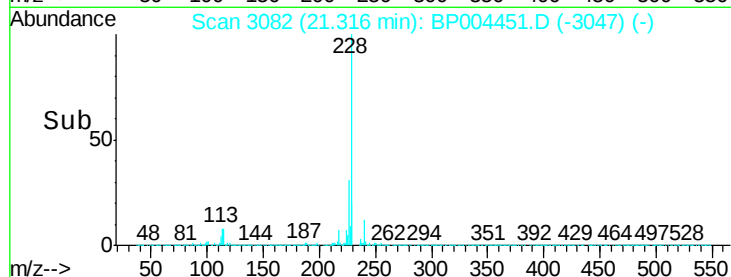
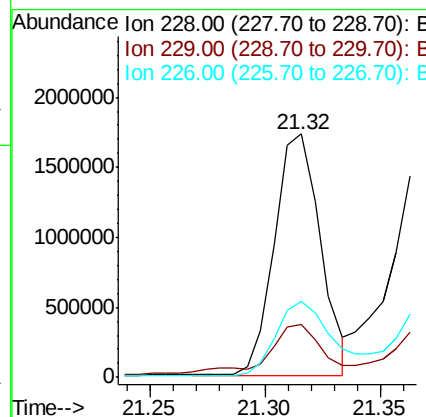
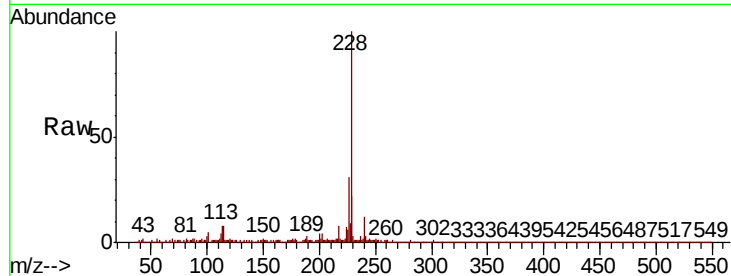
#83
Benzo(a)anthracene
Concen: 35.799 ng/ul
RT: 21.32 min Scan# 3082
Delta R.T. 0.01 min
Lab File: BP004451.D
Acq: 28 Dec 2020 14:13

Instrument :
BNA_P
ClientSampleId :
A54U0

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.4	23.2
226	31.4	21.6	32.4

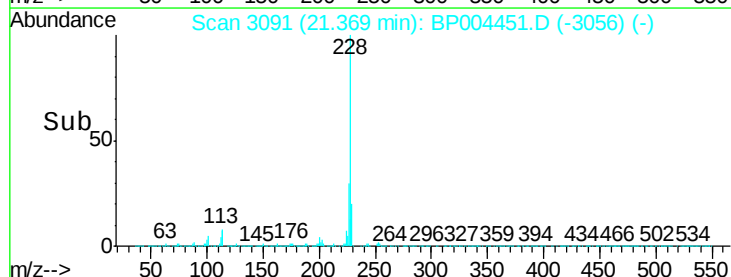
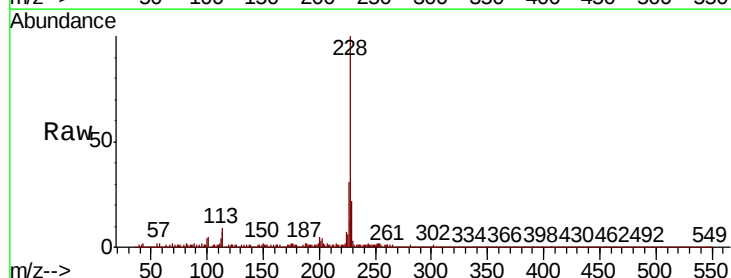
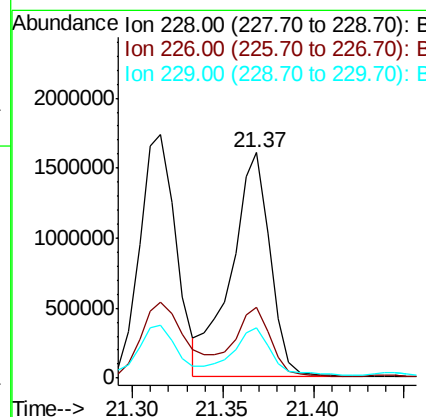
Manual Integrations
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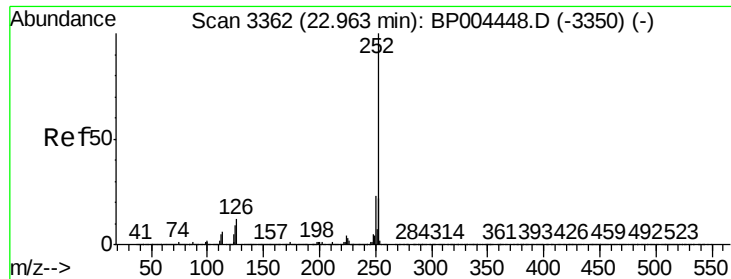
mohammad
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#85
Chrysene
Concen: 36.739 ng/ul
RT: 21.37 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BP004451.D
Acq: 28 Dec 2020 14:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.4
229	22.1	15.8	23.6





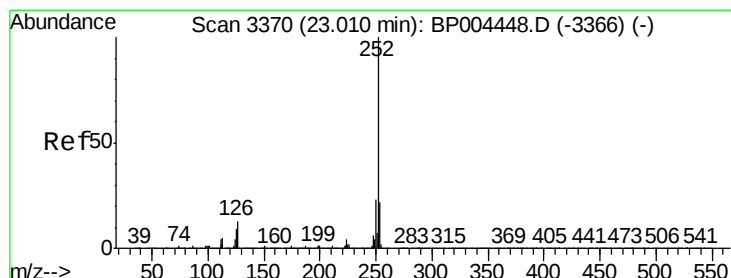
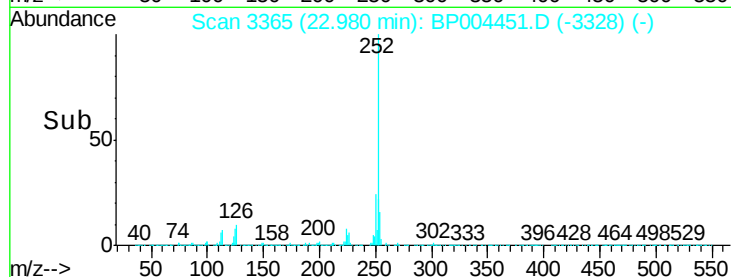
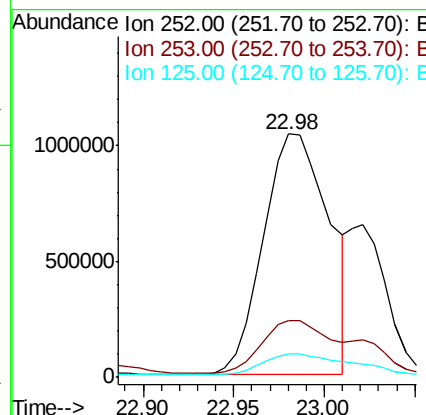
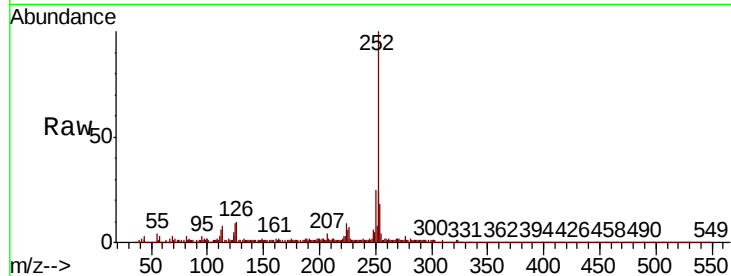
#88
Benzo(b)fluoranthene
Concen: 37.460 ng/ul
RT: 22.98 min Scan# 3365
Delta R.T. 0.02 min
Lab File: BP004451.D
Acq: 28 Dec 2020 14:13

Instrument :
BNA_P
ClientSampleId :
A54U0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	9.4	7.2	10.8

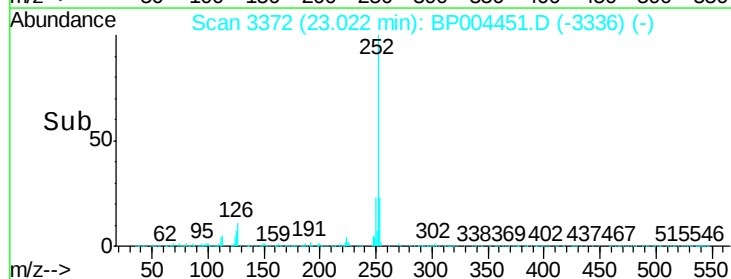
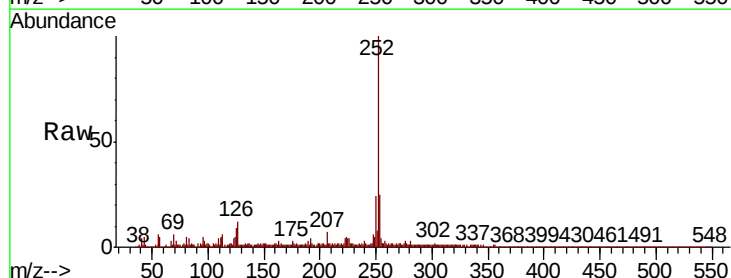
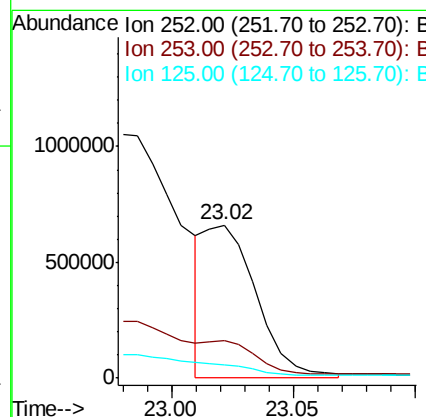
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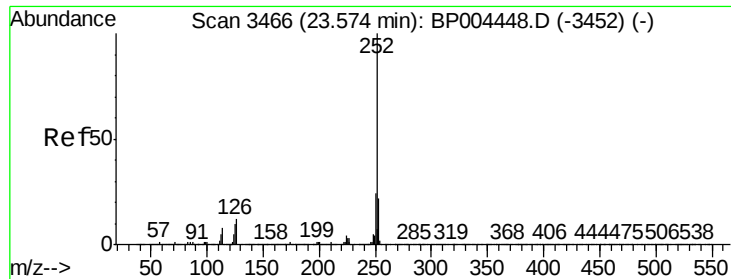
mohammad
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#89
Benzo(k)fluoranthene
Concen: 14.286 ng/ul m
RT: 23.02 min Scan# 3372
Delta R.T. 0.01 min
Lab File: BP004451.D
Acq: 28 Dec 2020 14:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	8.9	7.2	10.8





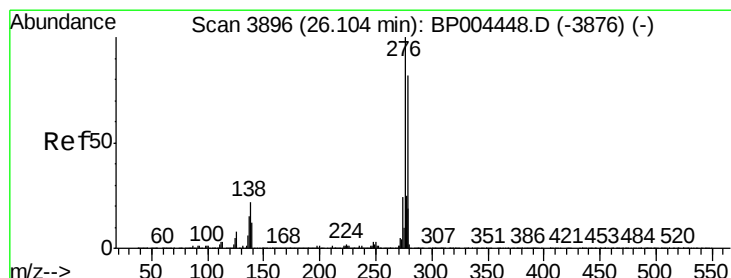
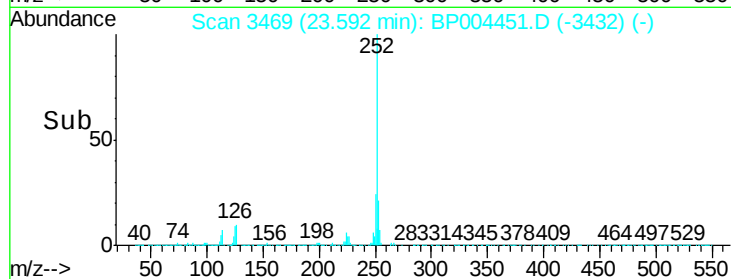
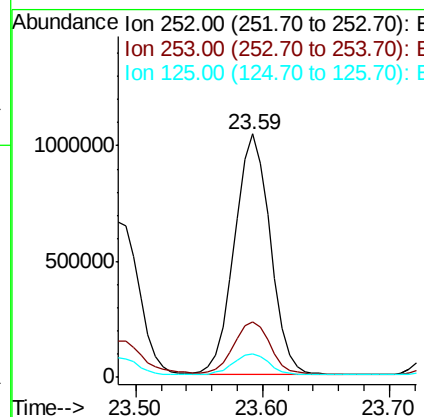
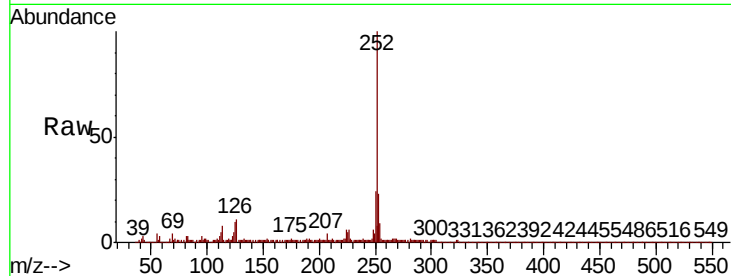
#91
Benzo(a)pyrene
Concen: 31.390 ng/ul
RT: 23.59 min Scan# 3469
Delta R.T. 0.02 min
Lab File: BP004451.D
Acq: 28 Dec 2020 14:13

Instrument :
BNA_P
ClientSampleId :
A54U0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	9.6	8.1	12.1

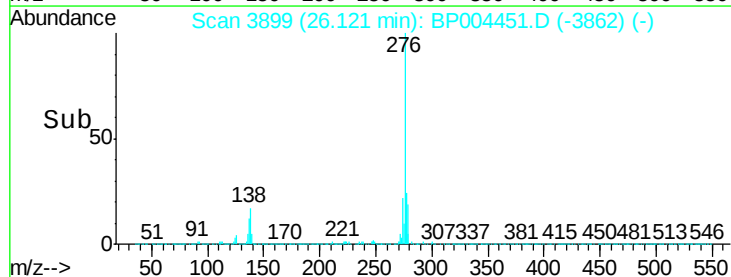
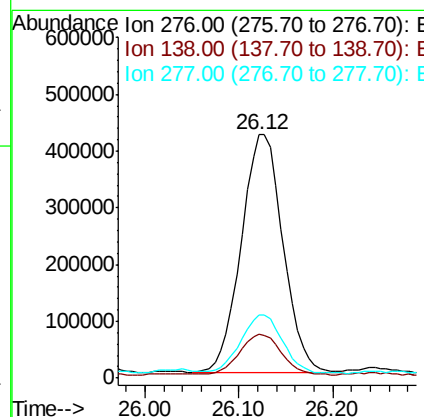
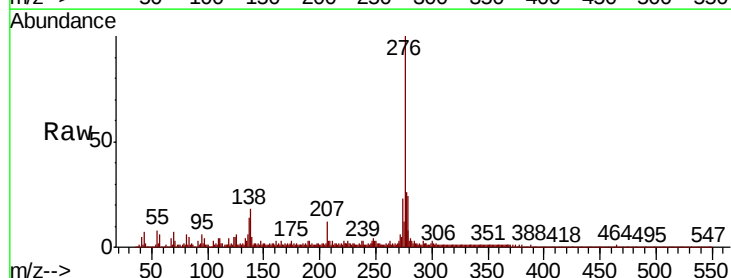
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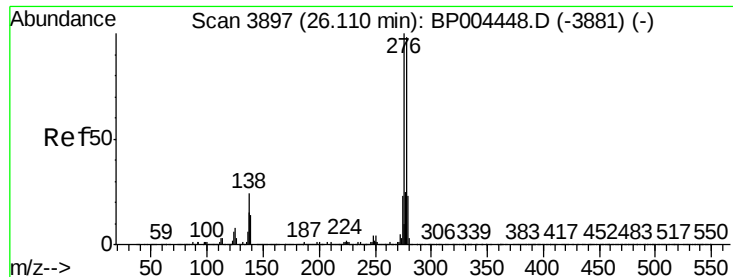
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#92
Indeno(1,2,3-cd)pyrene
Concen: 15.835 ng/ul
RT: 26.12 min Scan# 3899
Delta R.T. 0.02 min
Lab File: BP004451.D
Acq: 28 Dec 2020 14:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	17.9	26.9
277	25.9	20.3	30.5





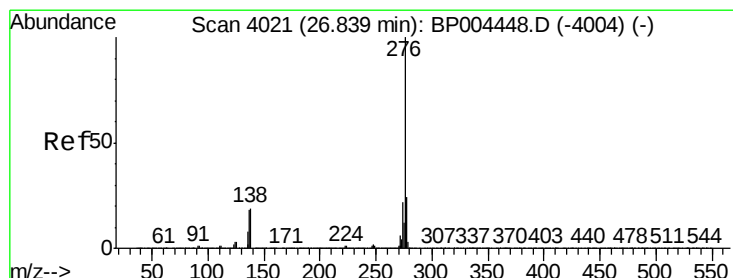
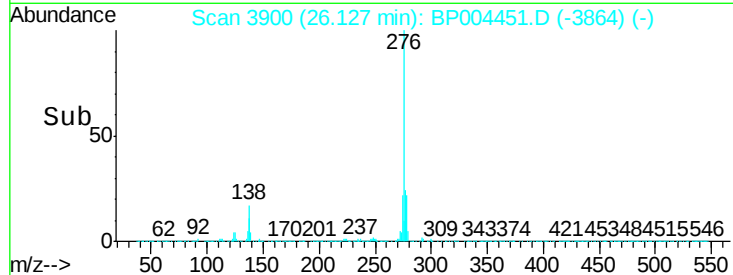
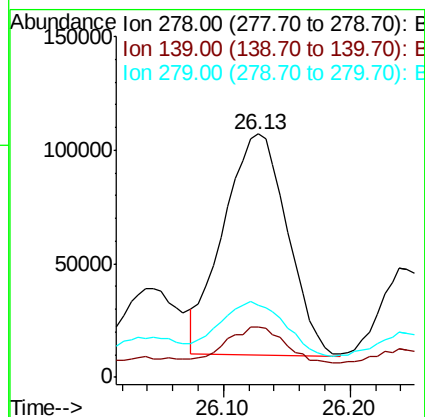
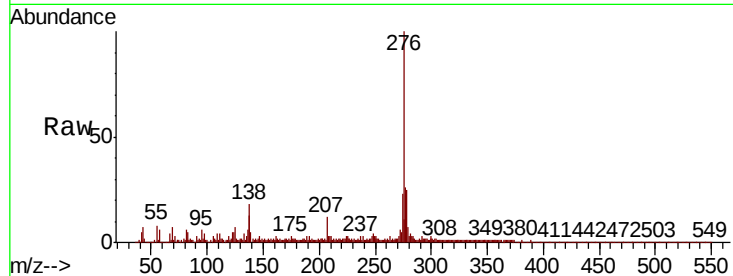
#93
Dibenzo(a,h)anthracene
Concen: 5.011 ng/ul
RT: 26.13 min Scan# 3900
Delta R.T. 0.01 min
Lab File: BP004451.D
Acq: 28 Dec 2020 14:13

Instrument :
BNA_P
ClientSampleId :
A54U0

Tot Ion:	278	Resp:	340564
Ion Ratio	Lower	Upper	
278	100		
139	20.8	11.4	17.2#
279	29.5	19.1	28.7#

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 14.351 ng/ul
RT: 26.87 min Scan# 4027
Delta R.T. 0.03 min
Lab File: BP004451.D
Acq: 28 Dec 2020 14:13

Tgt Ion:	276	Resp:	982456
Ion Ratio	Lower	Upper	
276	100		
138	18.3	15.8	23.6
277	25.4	18.7	28.1

