

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP122820\
 Data File : BP004453.D
 Acq On : 28 Dec 2020 15:20
 Operator : CG/JU
 Sample : L5132-18MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54U0MSD

Manual Integrations
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Quant Time: Dec 28 15:53:54 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	215365	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	868310	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	533344	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1116317	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1076527	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	1189769	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	13187	2.55	ng/uL	0.00
5) Phenol-d5	6.99	99	278339	14.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	156510	14.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	231296	15.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	210613	14.14	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	116010	15.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	118905	14.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	240838	15.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	214414	12.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	697829	16.35	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	940412	17.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	75122	9.74	ng/ul	0.01
58) Fluorene-d10	15.47	176	642083	17.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	28944	4.02	ng/ul	0.01
71) Anthracene-d10	17.33	188	976211	17.70	ng/ul	0.00
79) Pyrene-d10	19.58	212	1089694	18.95	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.54	264	1204409	18.38	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.02	94	498922	26.523	ng/ul	99
10) 2-Chlorophenol	7.39	128	354933	23.210	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.62	70	252940	22.902	ng/ul	98
28) Naphthalene	10.67	128	120895	2.478	ng/ul	99
33) 4-Chloro-3-methylphenol	11.91	107	365793	24.803	ng/ul	97
34) 2-Methylnaphthalene	12.29	142	196237	5.832	ng/ul	97
41) 1,1'-Biphenyl	13.30	154	49256	1.131	ng/ul	97
45) Dimethylphthalate	13.92	163	120052	2.807	ng/ul	97
48) Acenaphthylene	14.19	152	832392	16.072	ng/ul	98
50) Acenaphthene	14.54	153	1080616	29.780	ng/ul	99
53) 4-Nitrophenol	14.69	109	118193	21.836	ng/ul	95
54) Dibenzofuran	14.87	168	235694	4.613	ng/ul	98
55) 2,4-Dinitrotoluene	14.85	165	307864	24.087	ng/ul#	99
59) Fluorene	15.53	166	446441	10.783	ng/ul	99
69) Pentachlorophenol	16.89	266	160312	19.442	ng/ul	98
70) Phenanthrene	17.28	178	4917997	75.863	ng/ul	99
72) Anthracene	17.37	178	1232584	18.986	ng/ul	99
75) Carbazole	17.64	167	248711	4.634	ng/ul	96
77) Fluoranthene	19.26	202	4904901	66.700	ng/ul	99
80) Pyrene	19.61	202	6529108	89.062	ng/ul	98
83) Benzo(a)anthracene	21.32	228	2423512	33.402	ng/ul	95
85) Chrysene	21.37	228	2264107	32.320	ng/ul	97
88) Benzo(b)fluoranthene	22.99	252	2634853	33.953	ng/ul	97

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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)
89) Benzo(k)fluoranthene	23.02	252	808443m	10.737	ng/ul	
91) Benzo(a)pyrene	23.59	252	1950363	27.248	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.13	276	1212847	13.410	ng/ul	95
93) Dibenzo(a,h)anthracene	26.13	278	332112	4.409	ng/ul#	85
94) Benzo(g,h,i)perylene	26.88	276	895678	11.805	ng/ul	96

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

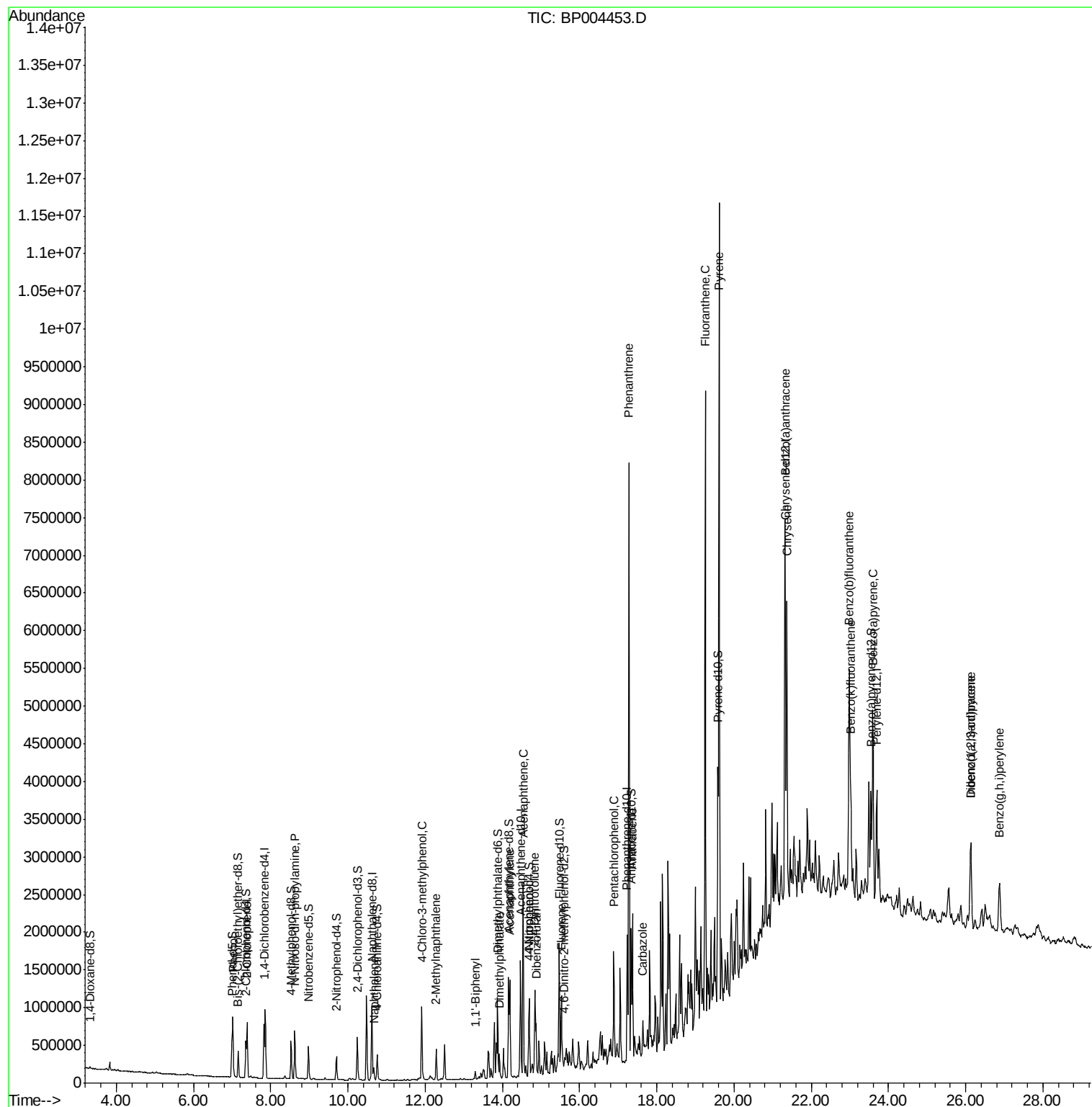
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122820\
 Data File : BP004453.D
 Acq On : 28 Dec 2020 15:20
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 Misc :
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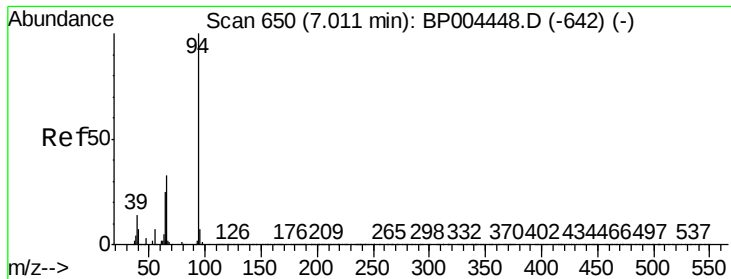
Instrument :
 BNA_P
 ClientSampled :
 A54U0MSD

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#6

Phenol

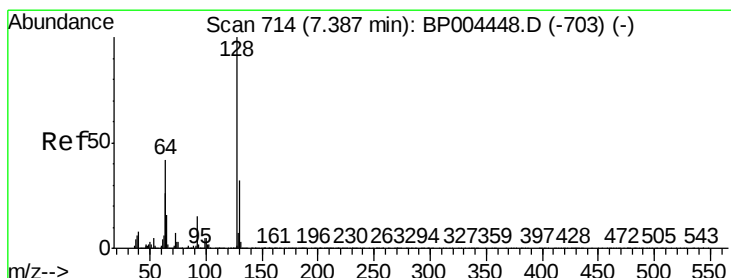
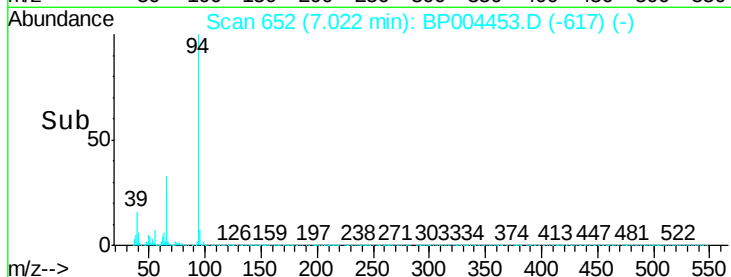
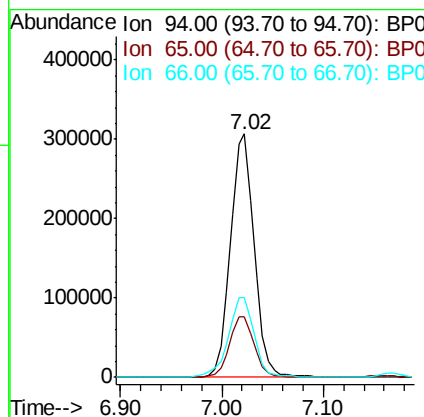
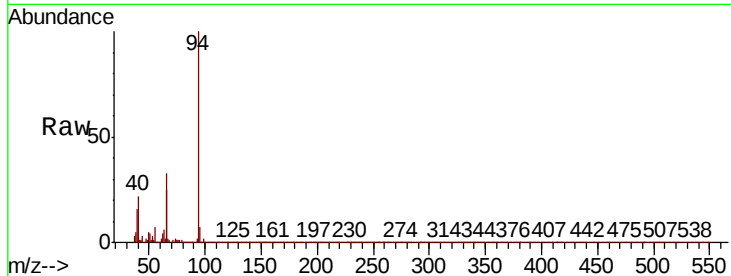
Concen: 26.523 ng/ul
RT: 7.02 min Scan# 652
Delta R.T. 0.01 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Instrument :
BNA_P
ClientSampleId :
A54U0MSD

Tot Ion	Ratio	Lower	Upper
94	100		
65	25.1	20.3	30.5
66	33.0	26.2	39.2

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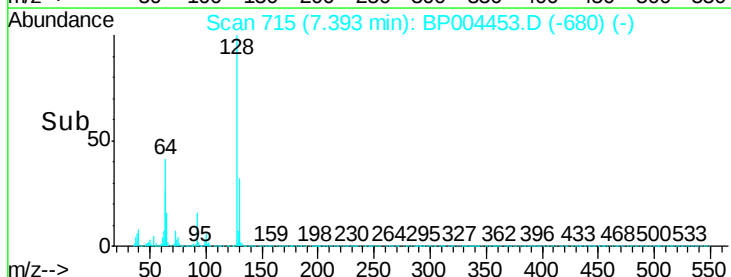
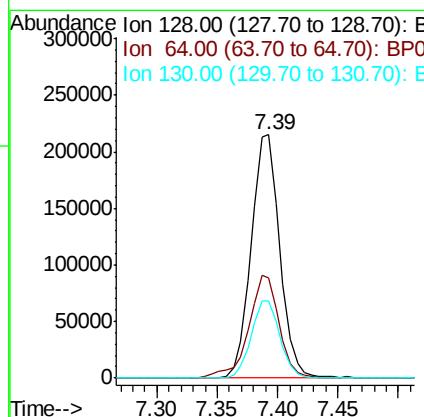
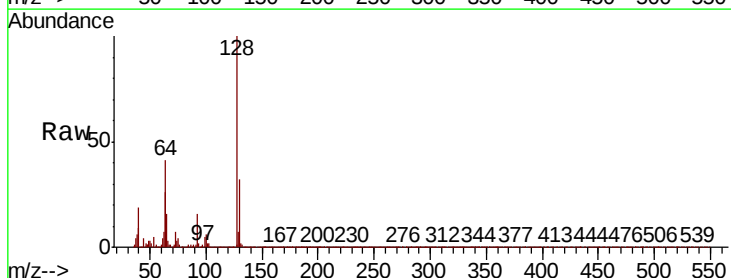


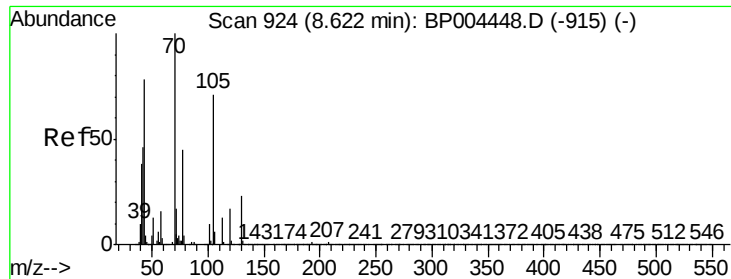
#10

2-Chlorophenol

Concen: 23.210 ng/ul
RT: 7.39 min Scan# 715
Delta R.T. 0.01 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Tgt Ion	Ratio	Lower	Upper
128	100		
64	41.0	34.9	52.3
130	31.7	25.6	38.4





#15

N-Nitroso-di-n-propylamine

Concen: 22.902 ng/ul

RT: 8.62 min Scan# 924

Delta R.T. 0.00 min

Lab File: BP004453.D

Acq: 28 Dec 2020 15:20

Instrument :

BNA_P

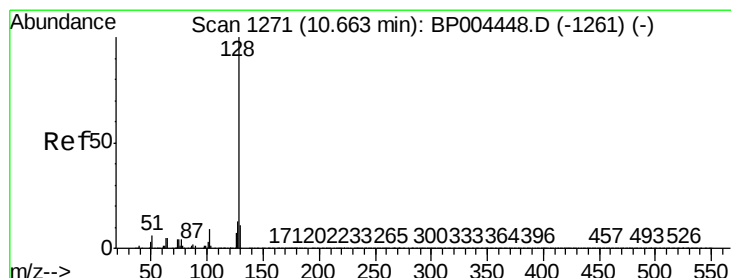
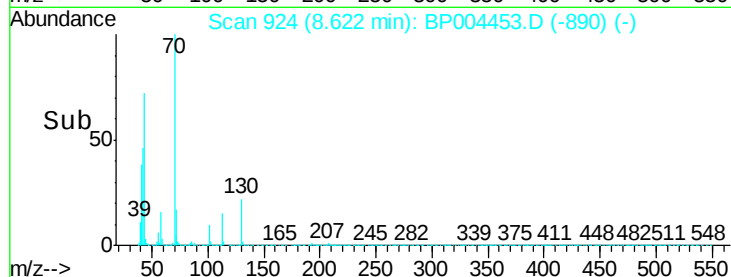
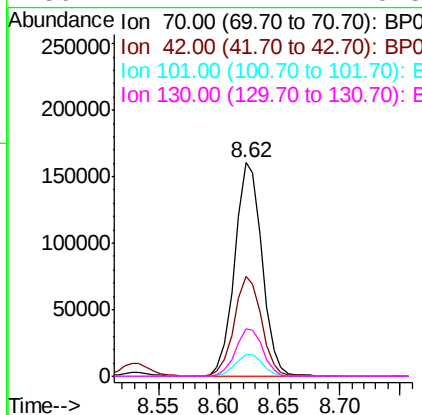
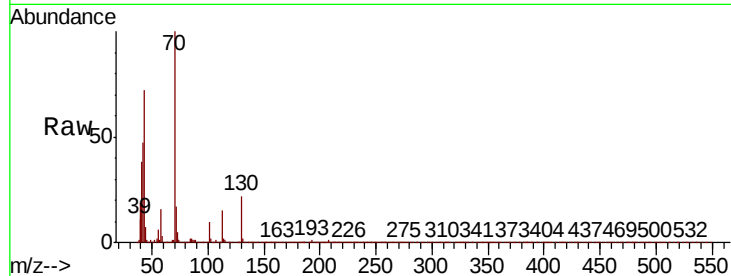
ClientSampleId :

A54U0MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.5	38.9	58.3	
101	10.3	8.0	12.0	
130	22.2	17.7	26.5	

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#28

Naphthalene

Concen: 2.478 ng/ul

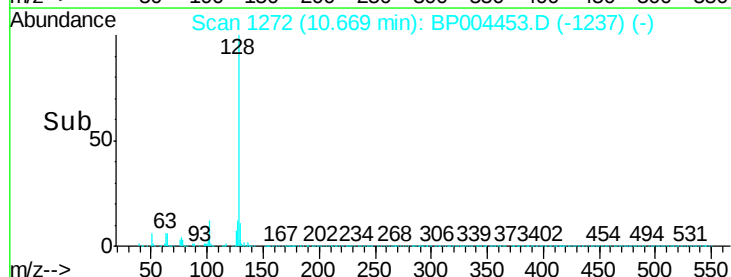
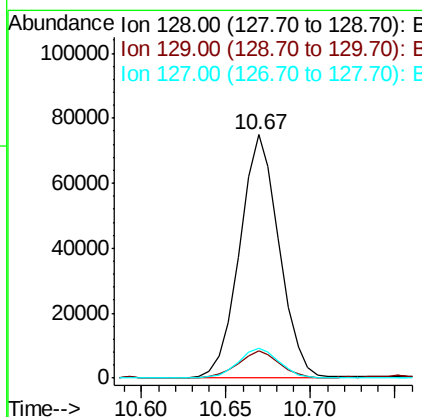
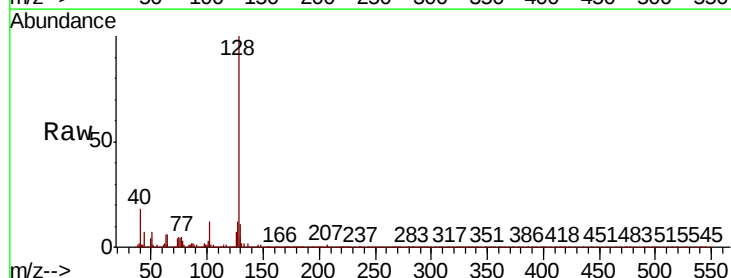
RT: 10.67 min Scan# 1272

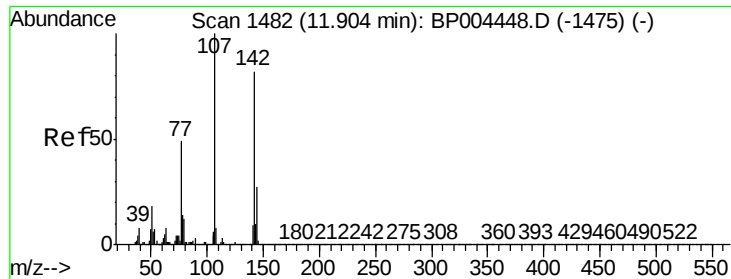
Delta R.T. 0.01 min

Lab File: BP004453.D

Acq: 28 Dec 2020 15:20

Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
129	11.3	8.8	13.2	
127	12.4	10.4	15.6	





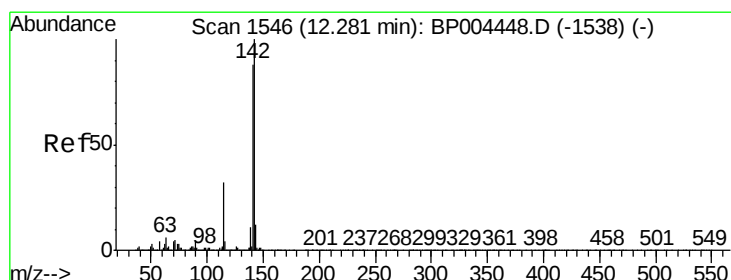
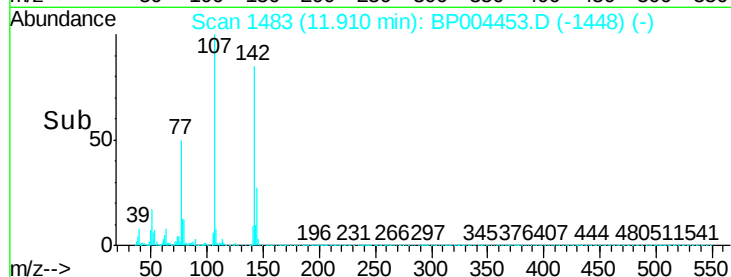
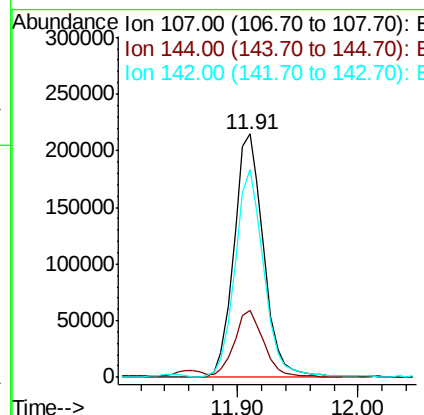
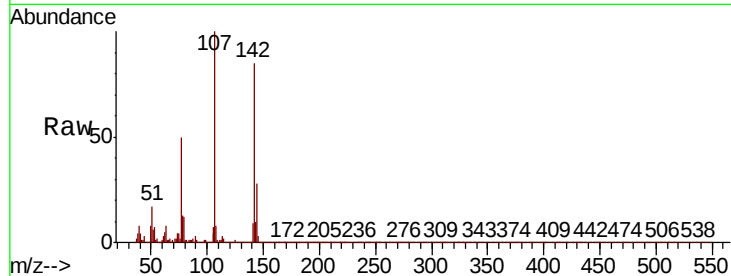
#33
4-Chloro-3-methylphenol
Concen: 24.803 ng/ul
RT: 11.91 min Scan# 1483
Delta R.T. 0.01 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Instrument :
BNA_P
ClientSampleId :
A54U0MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	27.7	21.7	32.5
142	85.3	66.0	99.0

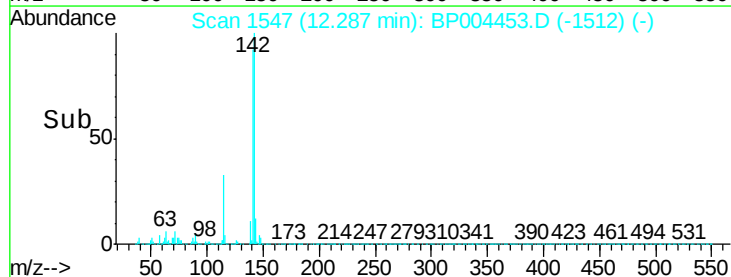
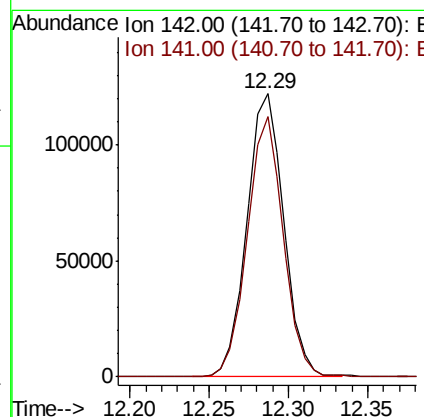
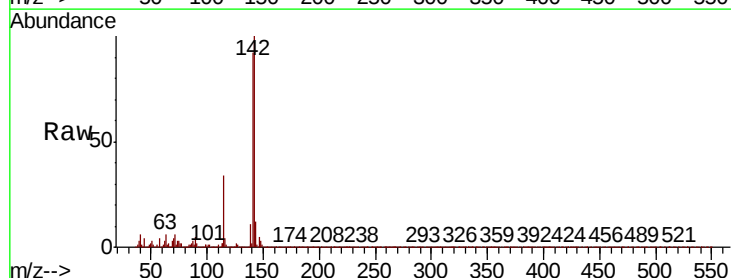
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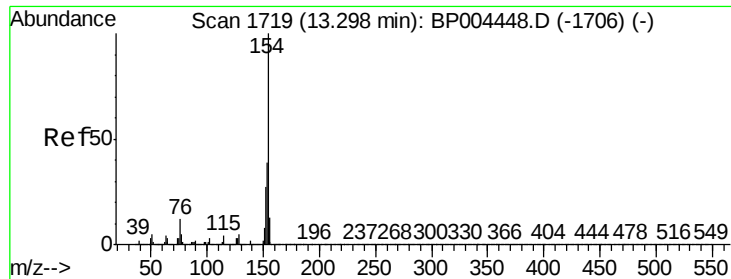
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#34
2-Methylnaphthalene
Concen: 5.832 ng/ul
RT: 12.29 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.2	106.8





#41

1,1'-Biphenyl

Concen: 1.131 ng/ul

RT: 13.30 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BP004453.D

Acq: 28 Dec 2020 15:20

Instrument :

BNA_P

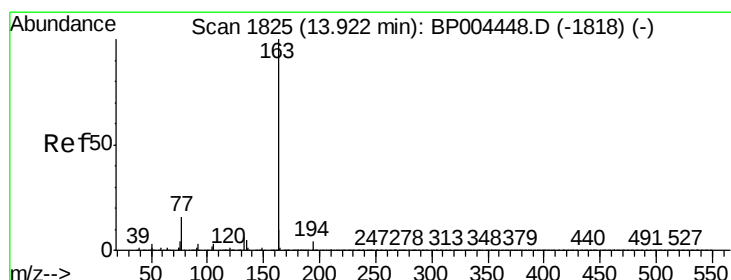
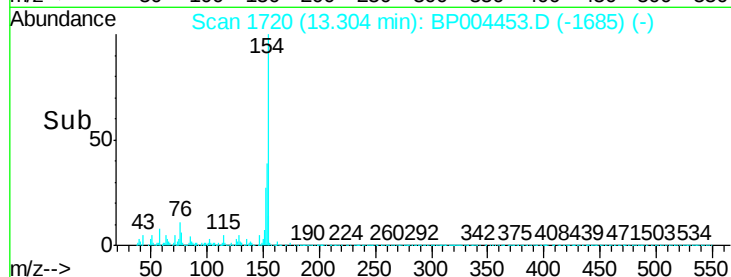
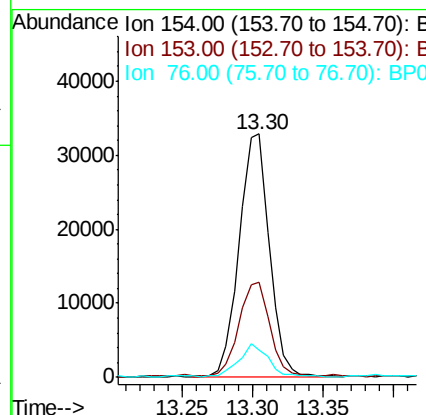
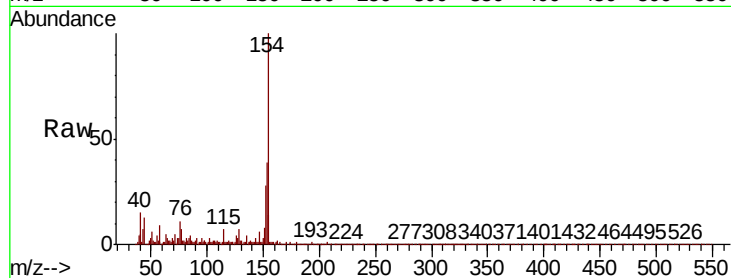
ClientSampleId :

A54U0MSD

Tot Ion:	154	Resp:	49256
Ion Ratio	Lower	Upper	
154	100		
153	38.8	32.4	48.6
76	11.4	10.0	15.0

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#45

Dimethylphthalate

Concen: 2.807 ng/ul

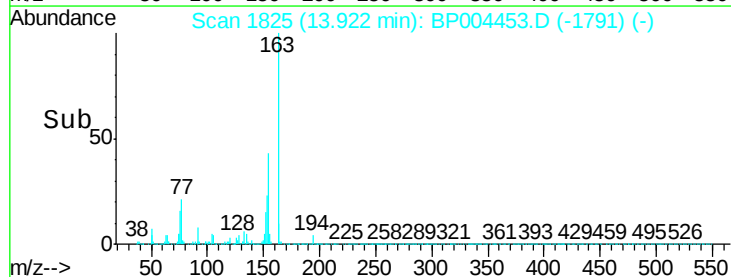
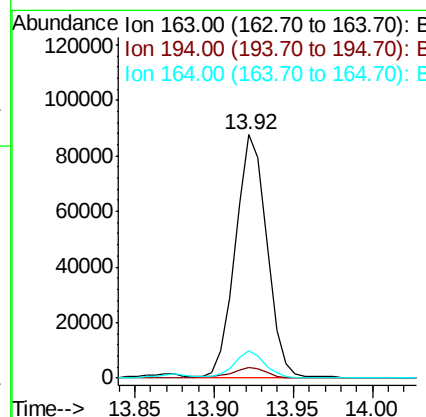
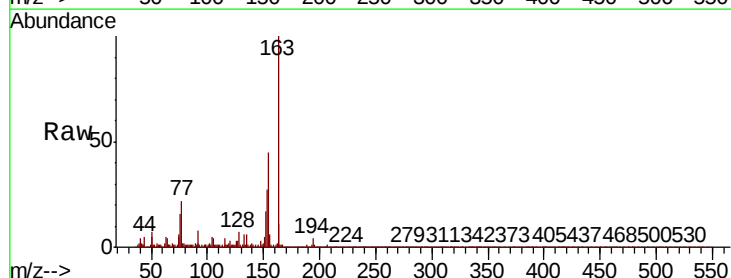
RT: 13.92 min Scan# 1825

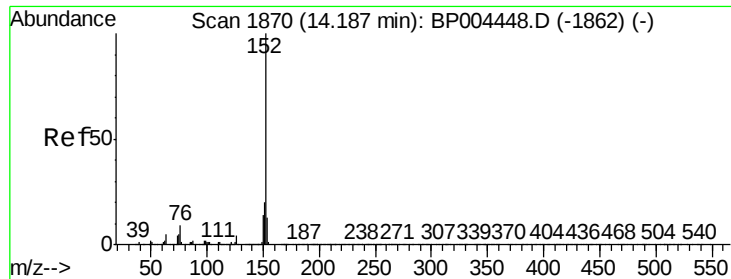
Delta R.T. 0.00 min

Lab File: BP004453.D

Acq: 28 Dec 2020 15:20

Tgt Ion:	163	Resp:	120052
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	11.1	7.8	11.8





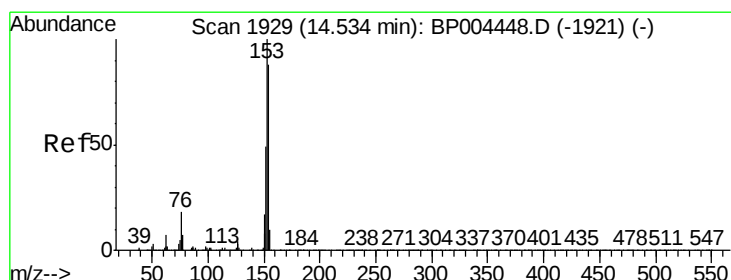
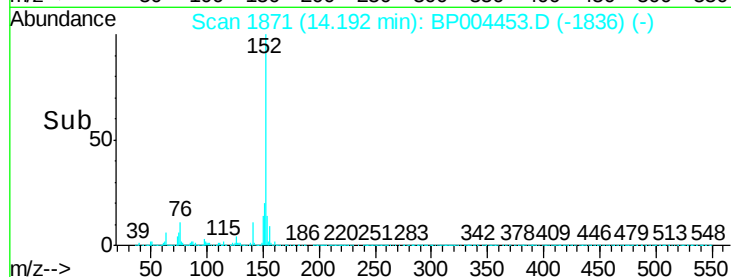
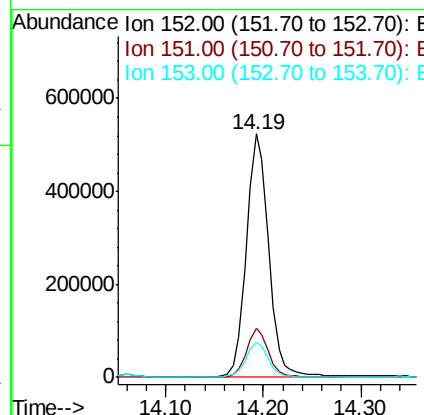
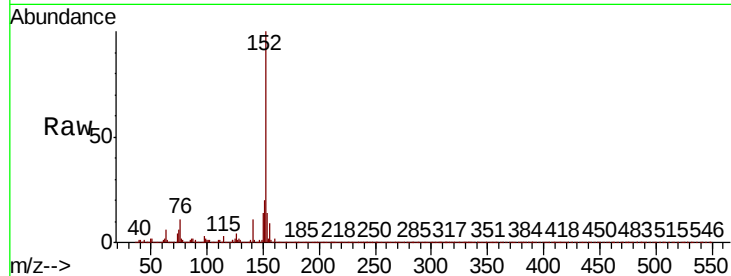
#48
Acenaphthylene
Concen: 16.072 ng/ul
RT: 14.19 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Instrument :
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A54U0MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	14.2	10.6	15.8

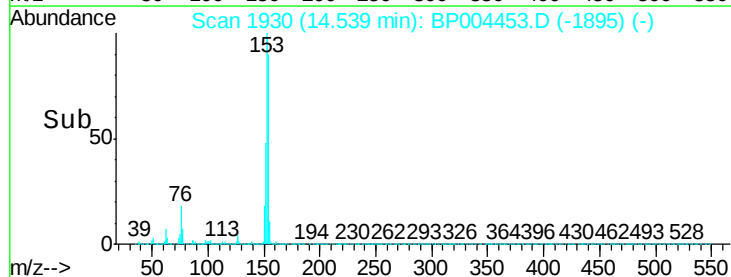
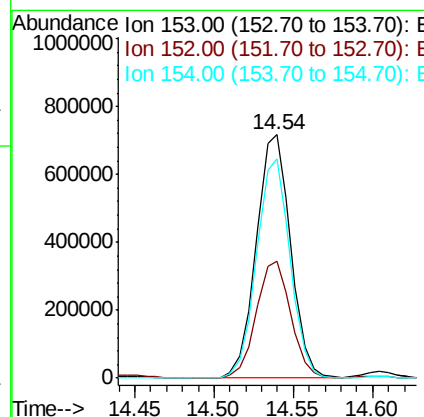
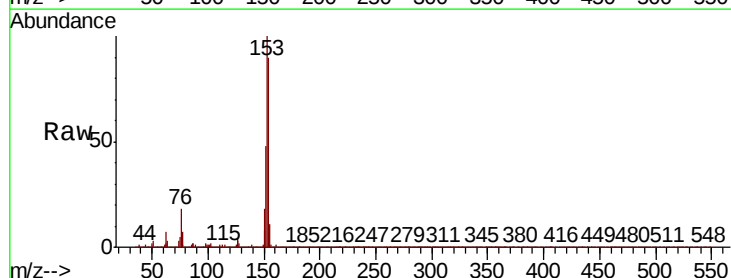
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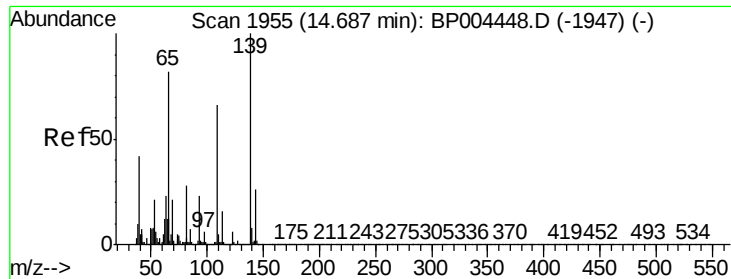
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#50
Acenaphthene
Concen: 29.780 ng/ul
RT: 14.54 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.0	37.8	56.8
154	89.8	71.4	107.0





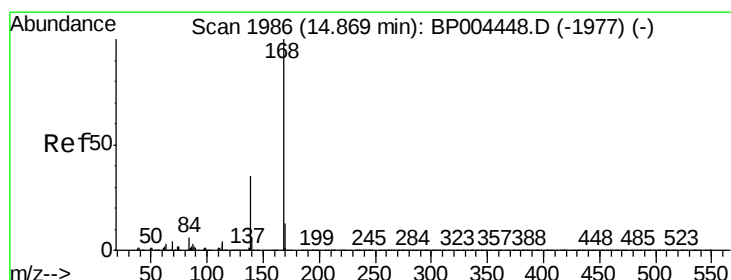
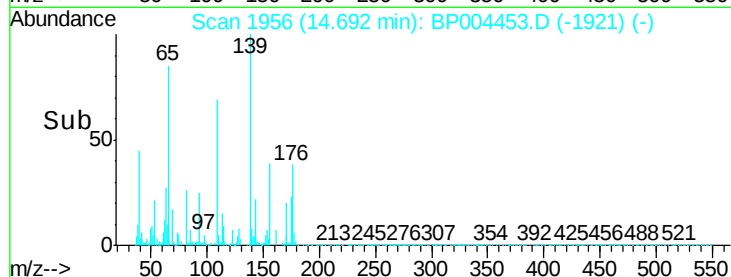
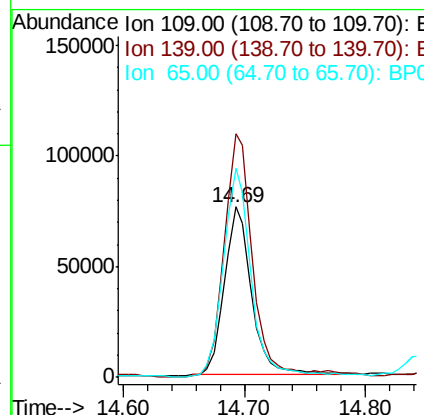
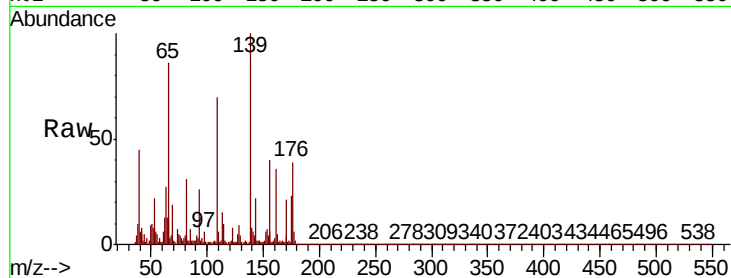
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4-Nitrophenol
Concen: 21.836 ng/ul
RT: 14.69 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Instrument :
BNA_P
ClientSampleId :
A54U0MSD

Tot Ion	Ratio	Resp	Lower	Upper
109	100	118193		
139	142.8	118.2	177.2	
65	122.3	103.6	155.4	

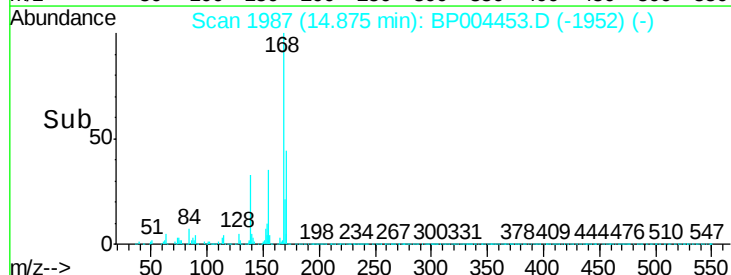
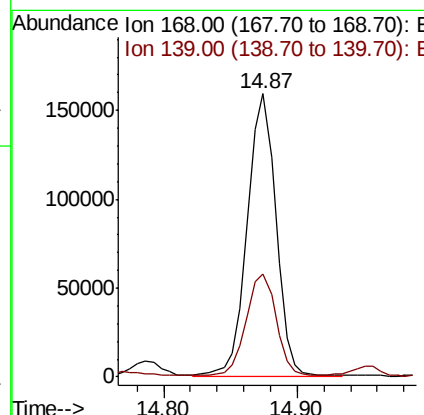
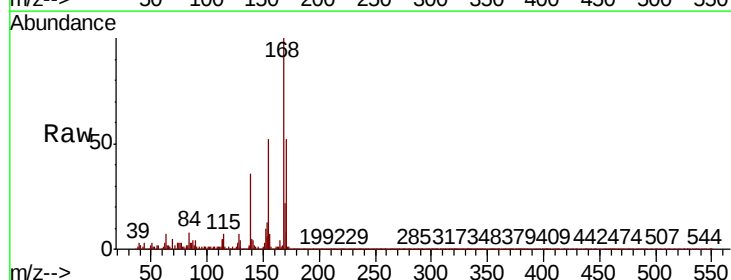
Manual Integrations
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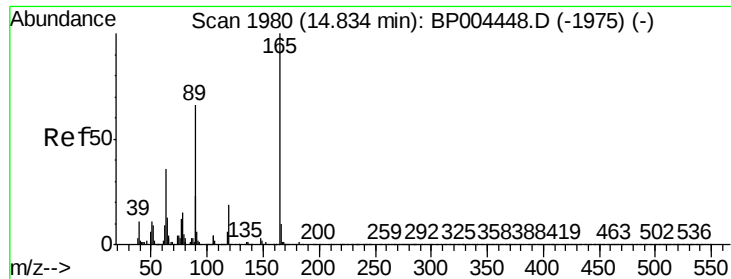
mohammad
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#54
Dibenzofuran
Concen: 4.613 ng/ul
RT: 14.87 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	235694		
139	36.5	28.3	42.5	





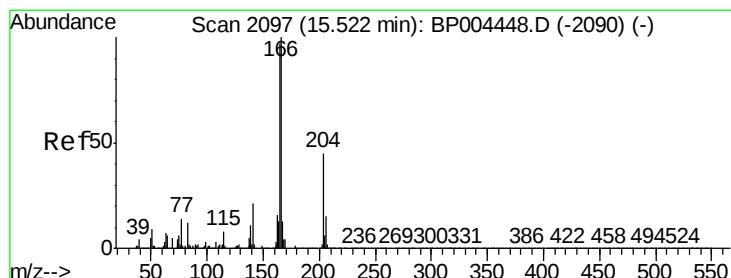
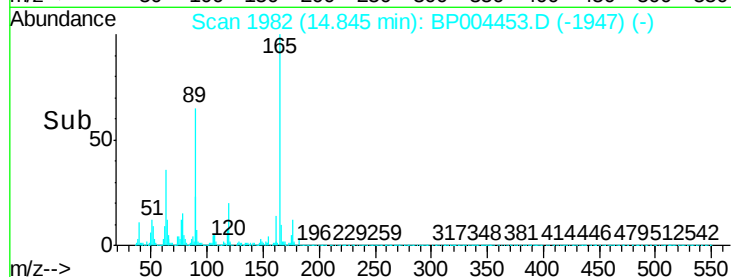
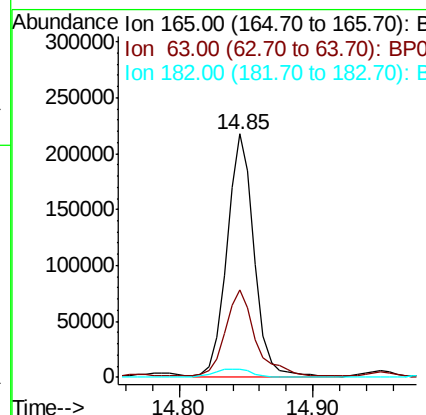
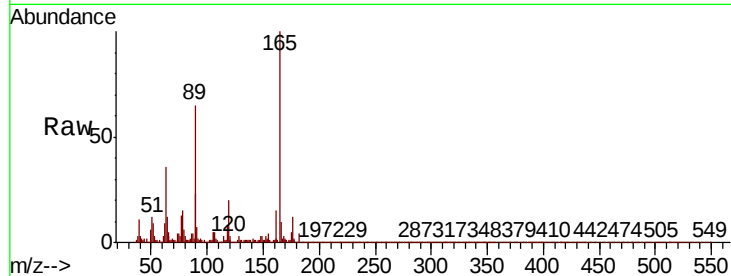
#55
2,4-Dinitrotoluene
Concen: 24.087 ng/ul
RT: 14.85 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Instrument :
BNA_P
ClientSampleId :
A54U0MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.1	28.4	42.6
182	3.6	2.2	3.4

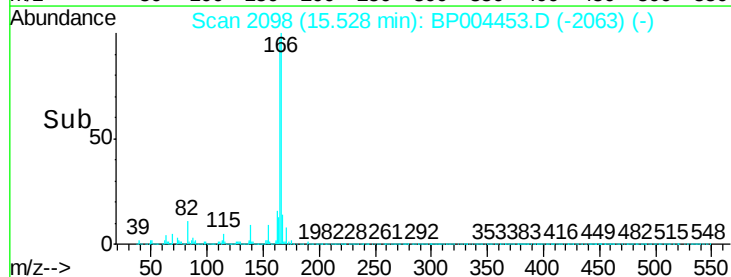
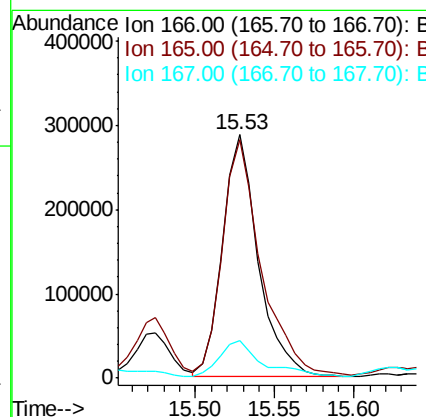
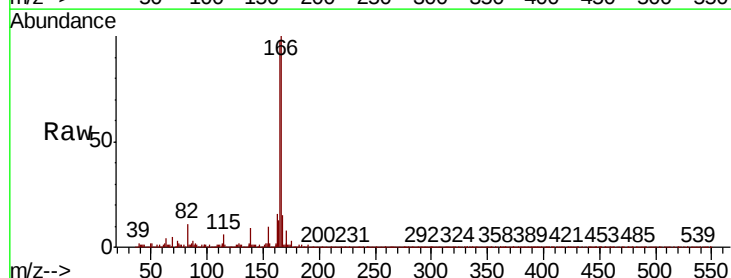
Manual Integrations
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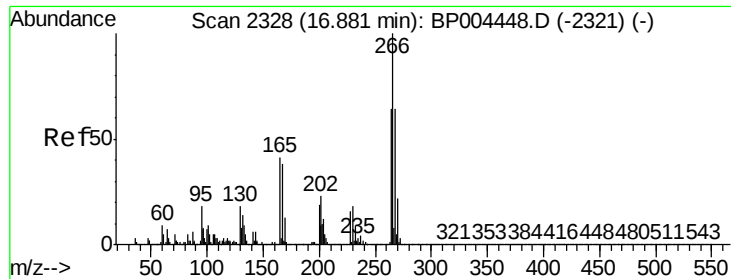
mohammad
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#59
Fluorene
Concen: 10.783 ng/ul
RT: 15.53 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.2	118.8
167	15.3	10.8	16.2





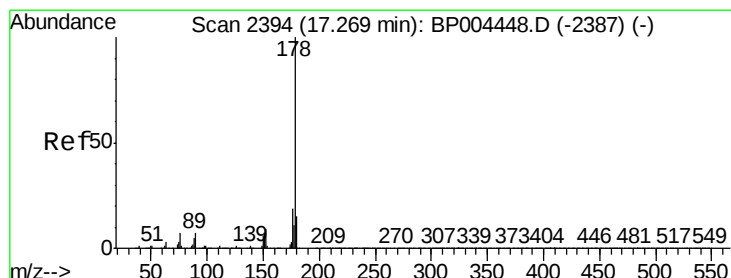
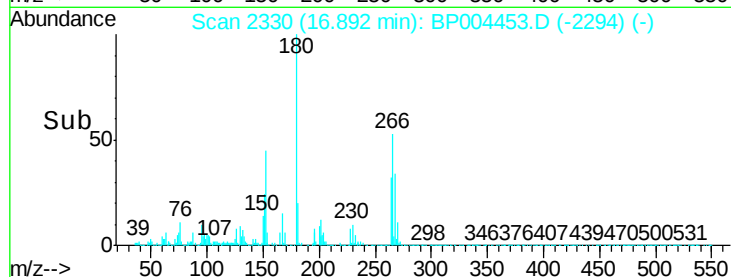
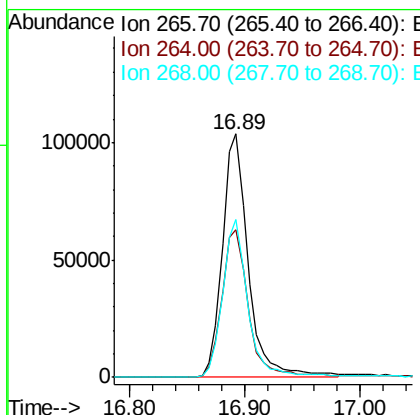
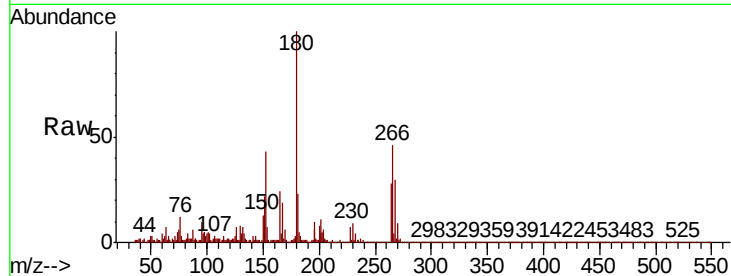
#69
Pentachlorophenol
Concen: 19.442 ng/ul
RT: 16.89 min Scan# 2330
Delta R.T. 0.01 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Instrument :
BNA_P
ClientSampleId :
A54U0MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	160312		
264	60.7	49.8	74.8	
268	64.7	50.5	75.7	

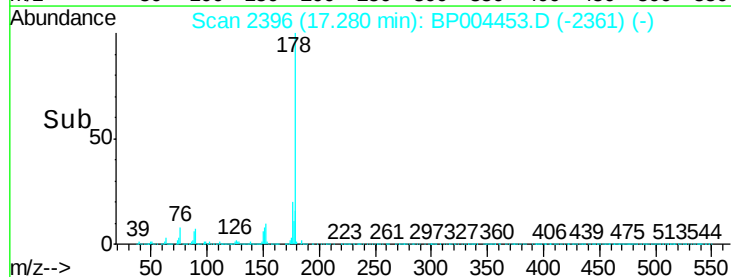
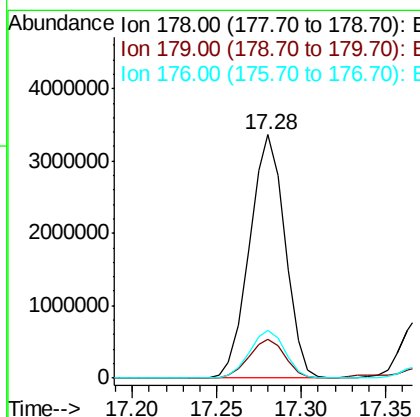
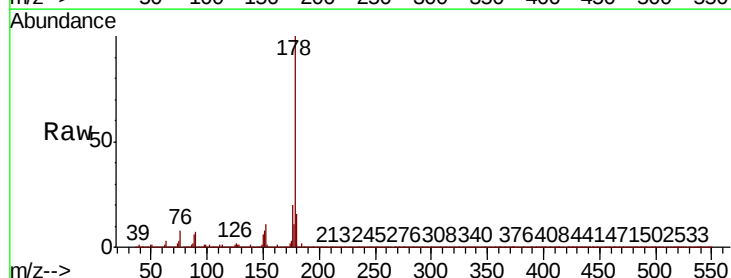
Manual Integrations
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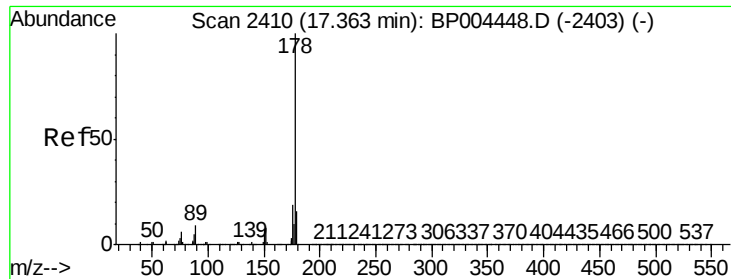
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#70
Phenanthrene
Concen: 75.863 ng/ul
RT: 17.28 min Scan# 2396
Delta R.T. 0.01 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	4917997		
179	15.9	12.4	18.6	
176	19.8	15.3	22.9	





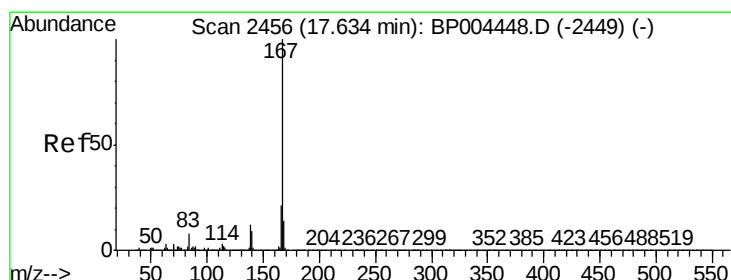
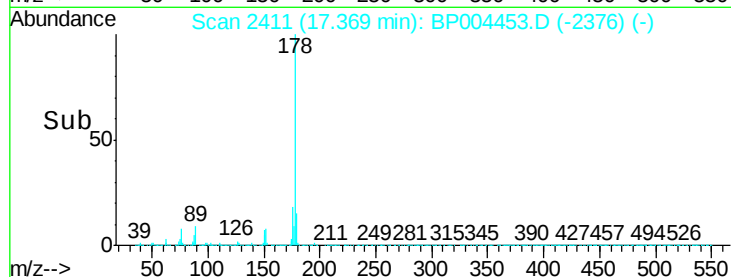
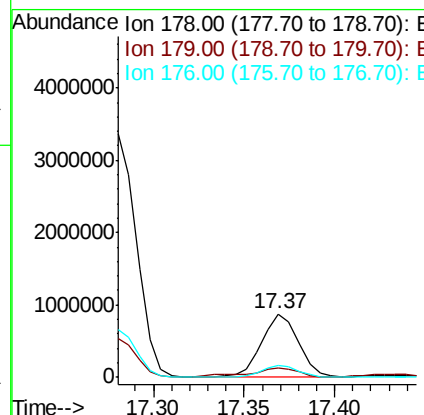
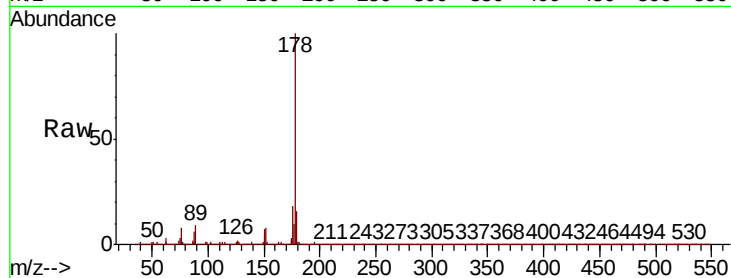
#72
 Anthracene
 Concen: 18.986 ng/ul
 RT: 17.37 min Scan# 2411
 Delta R.T. 0.01 min
 Lab File: BP004453.D
 Acq: 28 Dec 2020 15:20

Instrument :
 BNA_P
 ClientSampleId :
 A54U0MSD

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	18.3	15.0	22.4

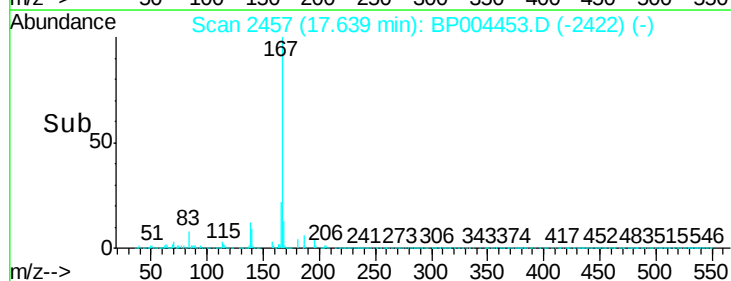
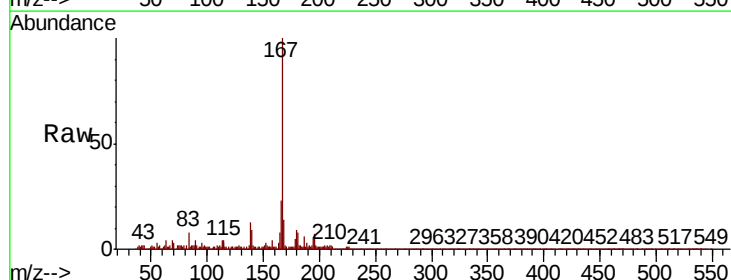
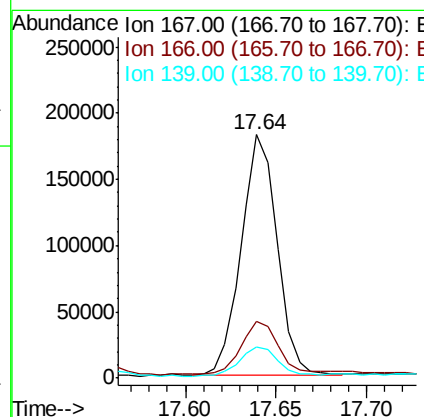
Manual Integrations
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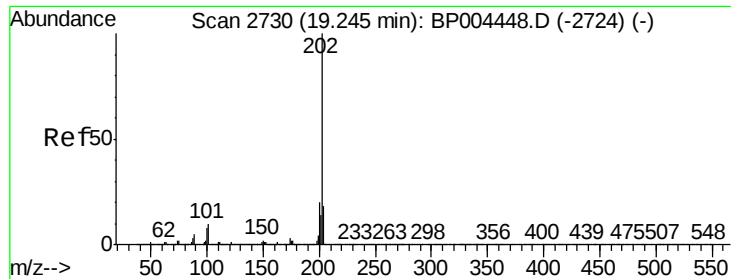
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#75
 Carbazole
 Concen: 4.634 ng/ul
 RT: 17.64 min Scan# 2457
 Delta R.T. 0.01 min
 Lab File: BP004453.D
 Acq: 28 Dec 2020 15:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	16.9	25.3
139	13.0	9.5	14.3





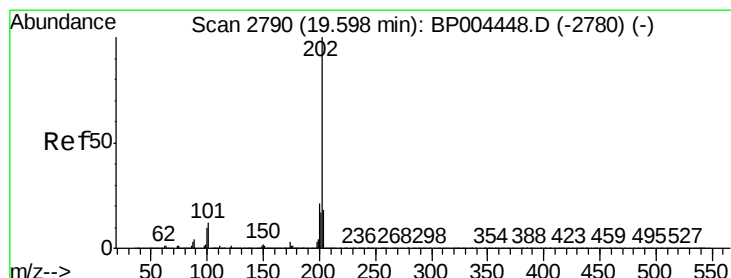
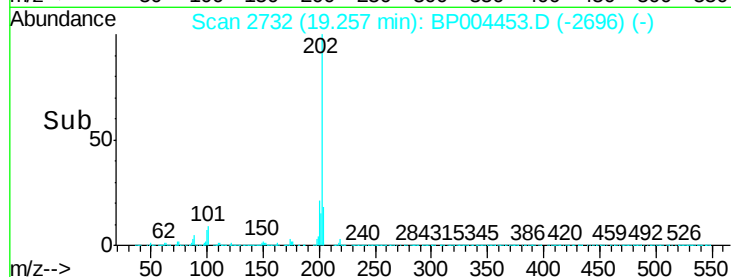
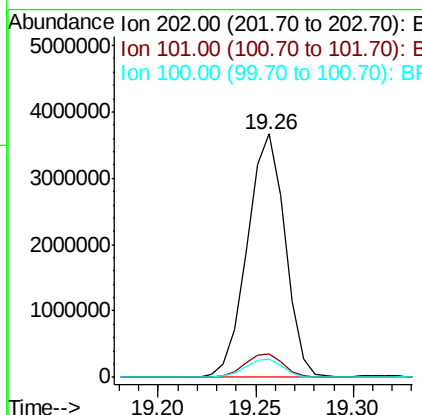
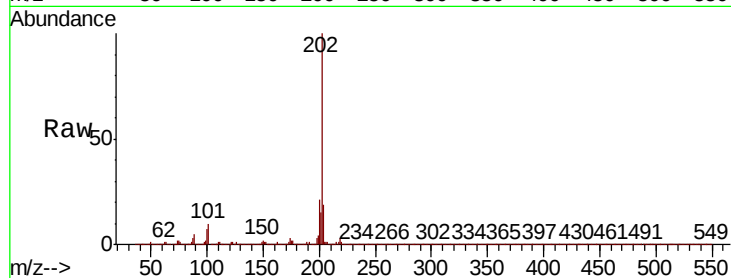
#77
Fluoranthene
Concen: 66.700 ng/ul
RT: 19.26 min Scan# 2732
Delta R.T. 0.01 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Instrument :
BNA_P
ClientSampleId :
A54U0MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.0	12.0
100	7.3	6.2	9.4

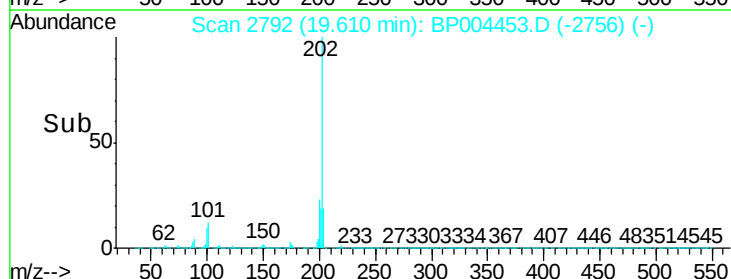
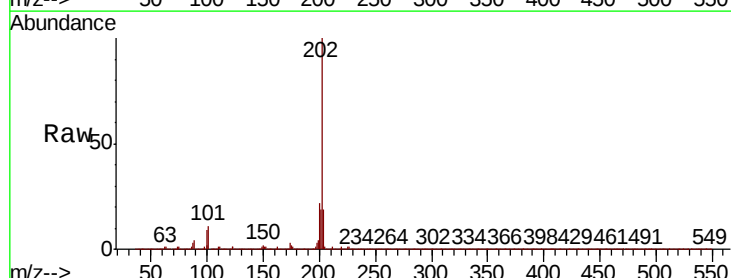
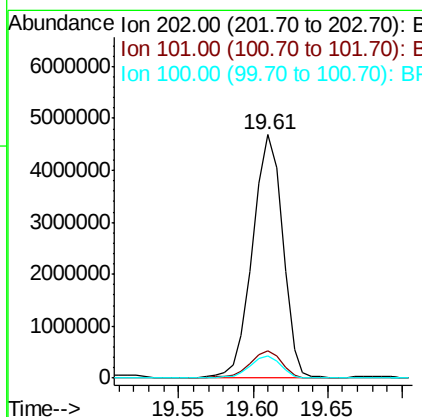
Manual Integrations
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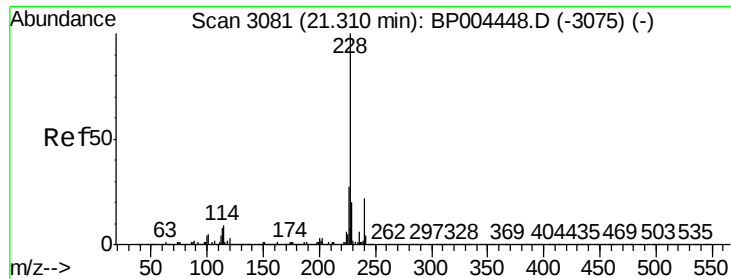
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#80
Pyrene
Concen: 89.062 ng/ul
RT: 19.61 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.8
100	9.3	8.0	12.0





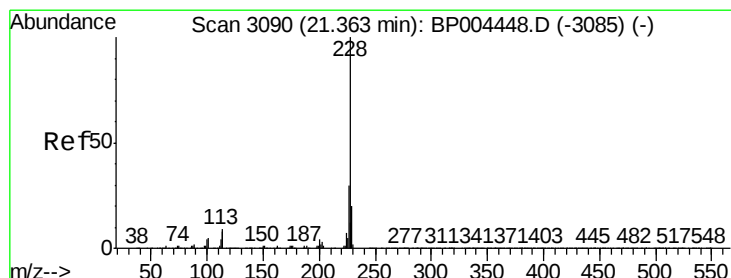
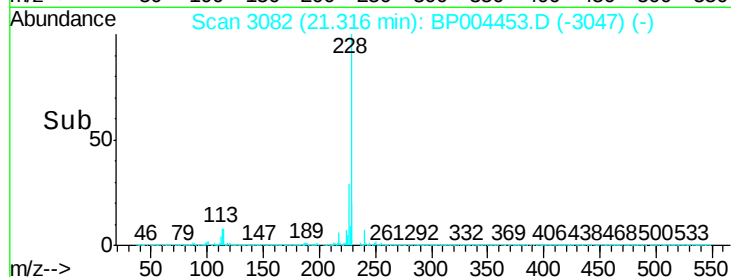
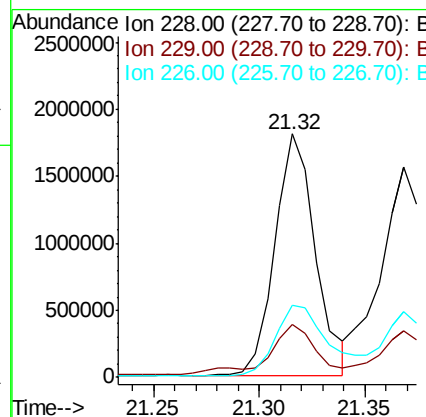
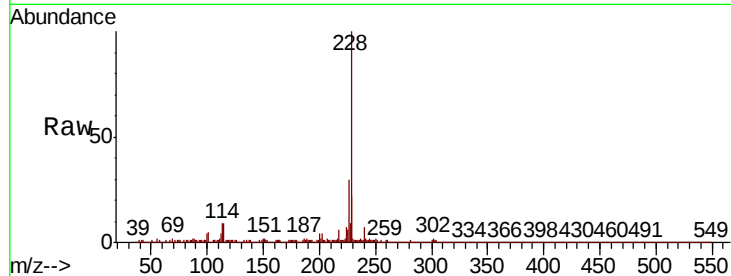
#83
Benzo(a)anthracene
Concen: 33.402 ng/ul
RT: 21.32 min Scan# 3082
Delta R.T. 0.01 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Instrument :
BNA_P
ClientSampleId :
A54U0MSD

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.4	23.2
226	29.7	21.6	32.4

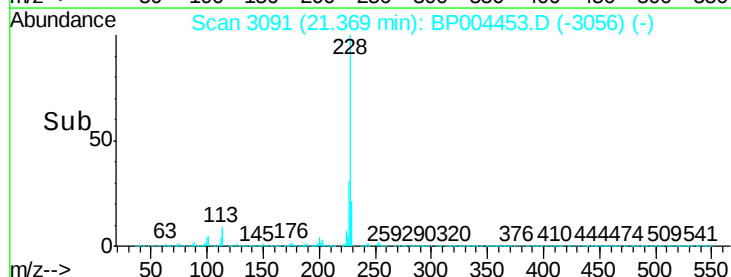
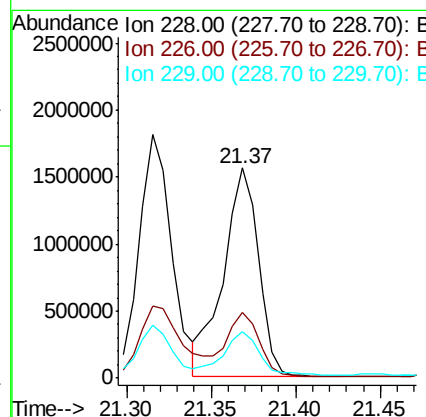
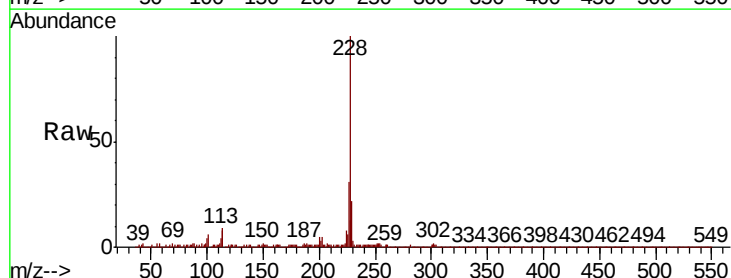
Manual Integrations
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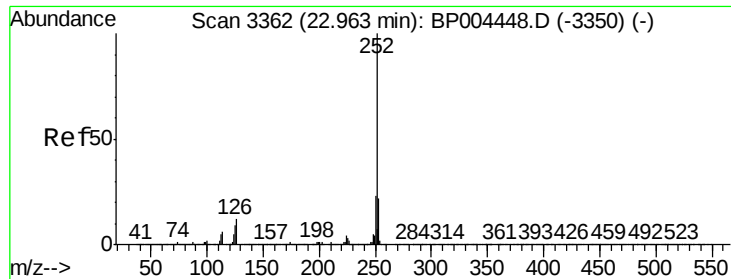
mohammad
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#85
Chrysene
Concen: 32.320 ng/ul
RT: 21.37 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.4
229	22.2	15.8	23.6





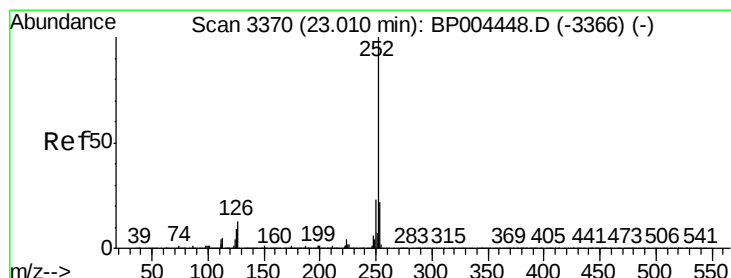
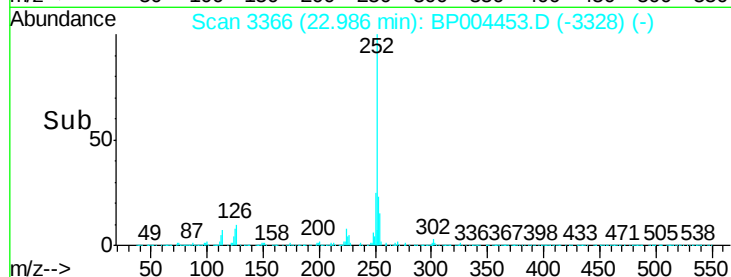
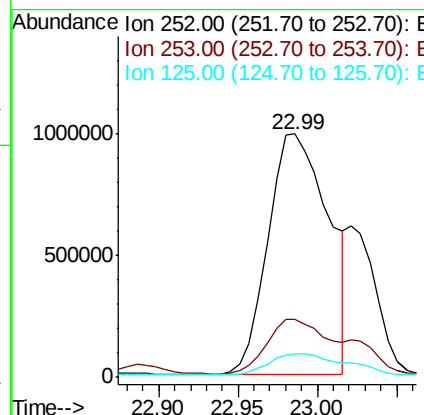
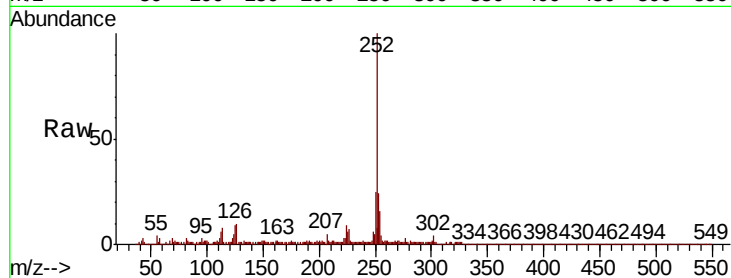
#88
Benzo(b)fluoranthene
Concen: 33.953 ng/ul
RT: 22.99 min Scan# 3366
Delta R.T. 0.02 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Instrument :
BNA_P
ClientSampleId :
A54U0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	9.4	7.2	10.8

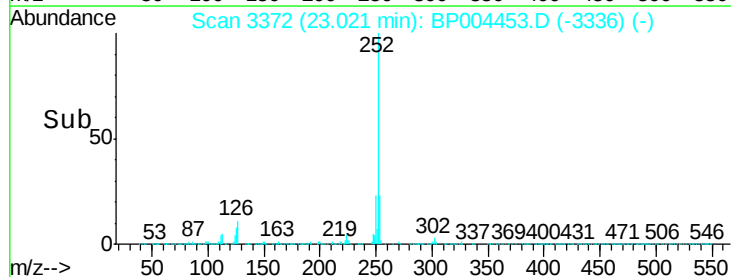
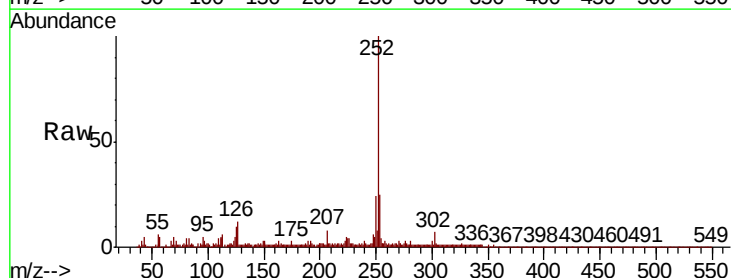
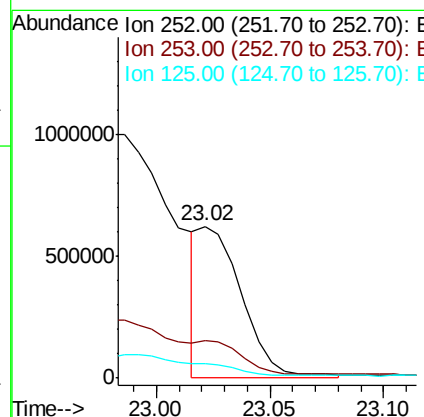
Manual Integrations
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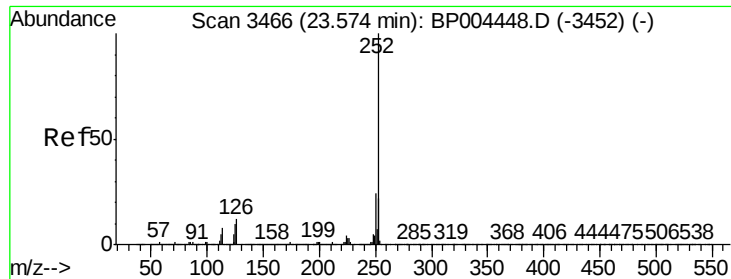
mohammad
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#89
Benzo(k)fluoranthene
Concen: 10.737 ng/ul m
RT: 23.02 min Scan# 3372
Delta R.T. 0.01 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	9.8	7.2	10.8





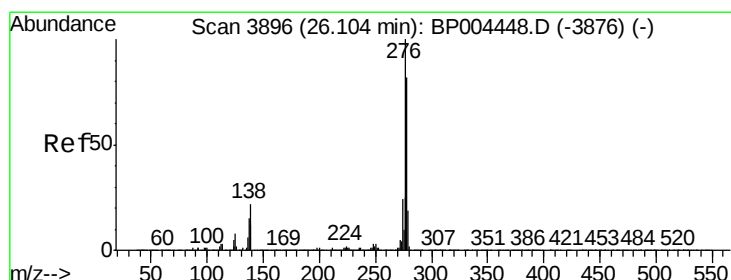
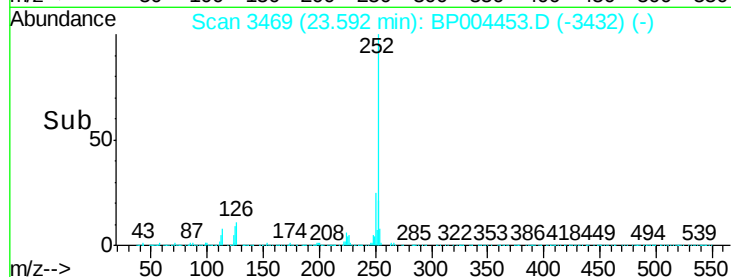
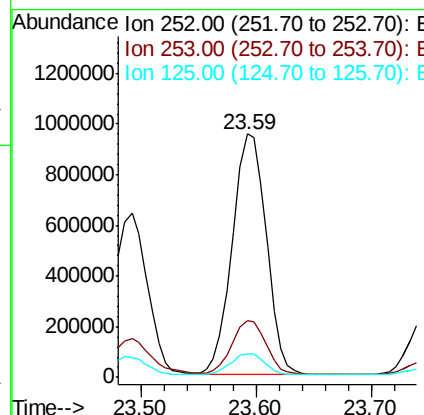
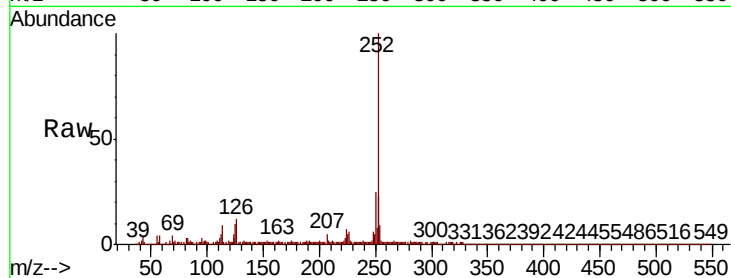
#91
Benzo(a)pyrene
Concen: 27.248 ng/ul
RT: 23.59 min Scan# 3469
Delta R.T. 0.02 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Instrument :
BNA_P
ClientSampleId :
A54U0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	9.8	8.1	12.1

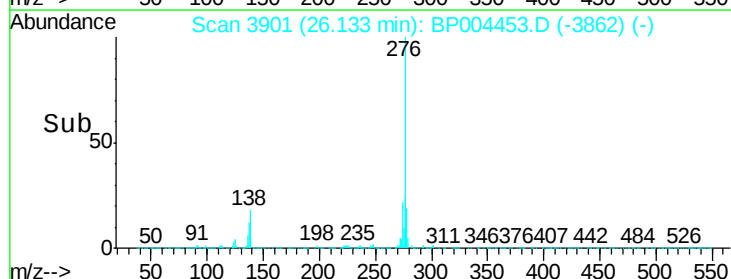
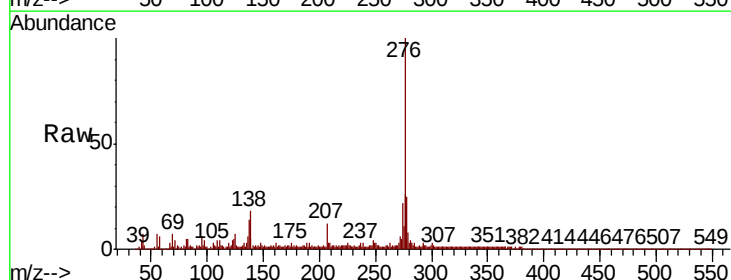
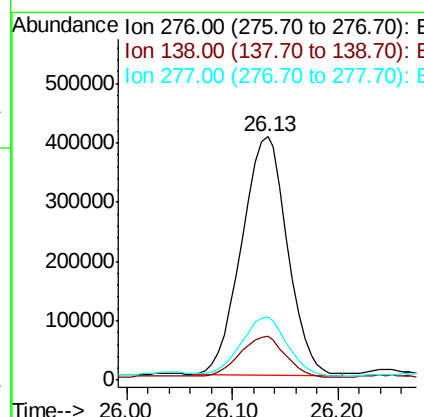
Manual Integrations
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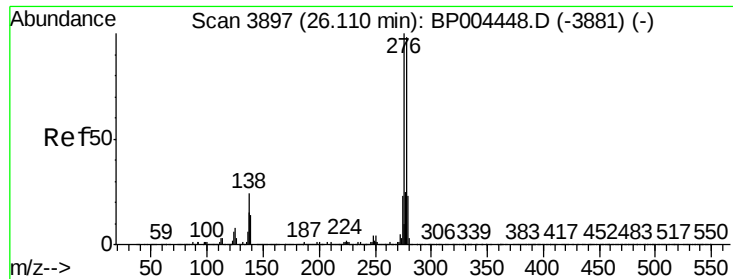
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#92
Indeno(1,2,3-cd)pyrene
Concen: 13.410 ng/ul
RT: 26.13 min Scan# 3901
Delta R.T. 0.03 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.1	17.9	26.9
277	26.1	20.3	30.5





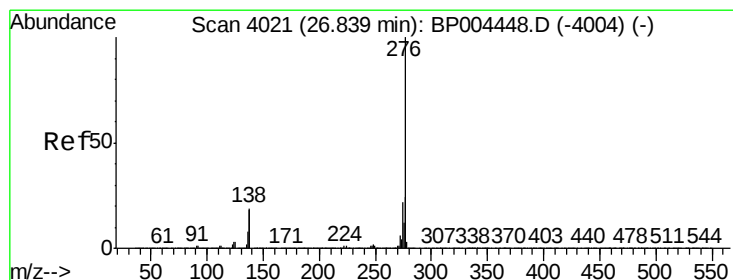
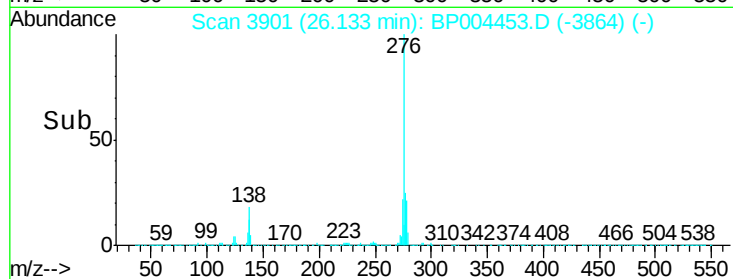
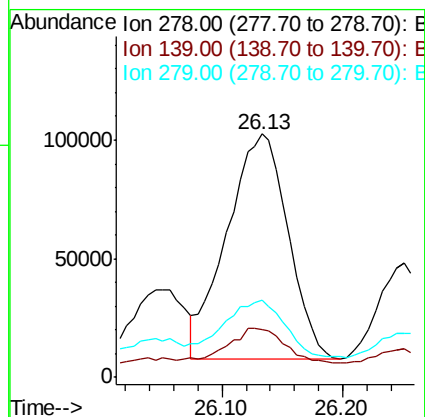
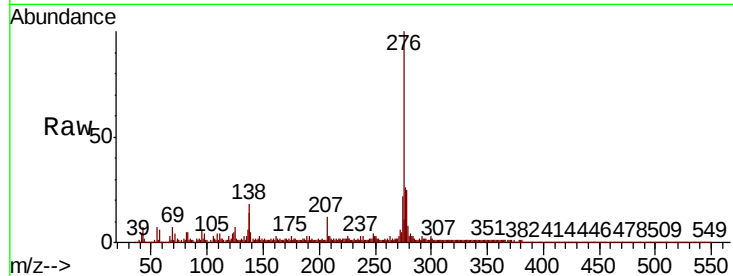
#93
Dibenzo(a,h)anthracene
Concen: 4.409 ng/ul
RT: 26.13 min Scan# 3901
Delta R.T. 0.02 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Instrument :
BNA_P
ClientSampleId :
A54U0MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.5	11.4	17.2#
279	31.6	19.1	28.7#

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#94
Benzo(g,h,i)perylene
Concen: 11.805 ng/ul
RT: 26.88 min Scan# 4028
Delta R.T. 0.04 min
Lab File: BP004453.D
Acq: 28 Dec 2020 15:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	15.8	23.6
277	25.7	18.7	28.1

