

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121220\
 Data File : BP004232.D
 Acq On : 11 Dec 2020 17:29
 Operator : CG/JU
 Sample : L5000-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A2

Manual Integrations
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mohammad
 12/15/2020 12:18:22 PM

Quant Time: Dec 12 00:10:47 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	7.83	152	331763	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1331723	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	773287	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1668967	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	1845682	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	1996074	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	22102	2.34	ng/uL	0.00
5) Phenol-d5	6.99	99	348414	12.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	247496	14.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	282562	13.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	249275	12.02	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	148915	13.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	111504	12.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	245805	12.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	301232	12.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	849653	14.38	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1167013	15.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	45738	4.58	ng/ul	0.00
58) Fluorene-d10	15.47	176	804155	15.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	41863	5.23	ng/ul	0.00
71) Anthracene-d10	17.33	188	1272811	15.65	ng/ul	0.00
79) Pyrene-d10	19.57	212	1563251	16.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	1761743	16.75	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.93	163	218878	3.636	ng/ul	100
50) Acenaphthene	14.54	153	96882	1.828	ng/ul	98
54) Dibenzofuran	14.87	168	81162	1.087	ng/ul	97
59) Fluorene	15.53	166	114498	1.917	ng/ul	98
70) Phenanthrene	17.27	178	1807610	18.358	ng/ul	100
72) Anthracene	17.36	178	421903	4.331	ng/ul	100
75) Carbazole	17.63	167	150981	1.905	ng/ul	99
77) Fluoranthene	19.24	202	2757030	26.224	ng/ul	99
80) Pyrene	19.60	202	2459808	19.757	ng/ul	99
83) Benzo(a)anthracene	21.30	228	1225854	10.076	ng/ul	98
85) Chrysene	21.36	228	1174282	9.839	ng/ul	98
88) Benzo(b)fluoranthene	22.96	252	1494866	11.809	ng/ul	98
89) Benzo(k)fluoranthene	23.00	252	490218m	3.771	ng/ul	
91) Benzo(a)pyrene	23.57	252	1069523	9.054	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.08	276	719532	4.857	ng/ul	97
93) Dibenzo(a,h)anthracene	26.09	278	167151	1.346	ng/ul#	79
94) Benzo(g,h,i)perylene	26.81	276	626226	5.039	ng/ul	98

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

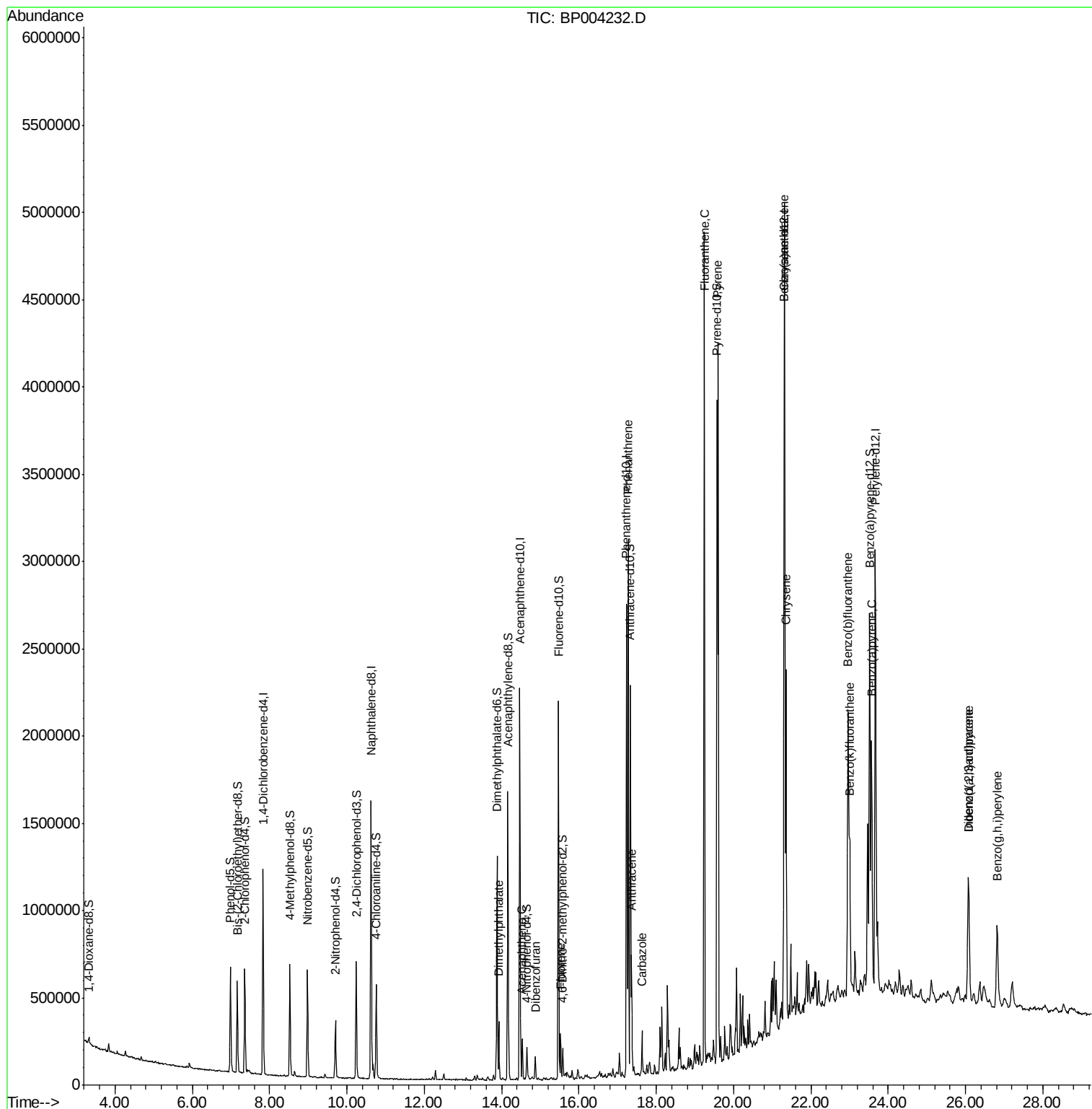
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121220\
 Data File : BP004232.D
 Acq On : 11 Dec 2020 17:29
 Operator : CG/JU
 Sample : L5000-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

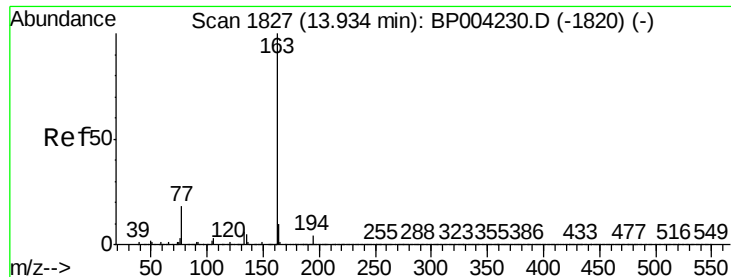
Instrument :
 BNA_P
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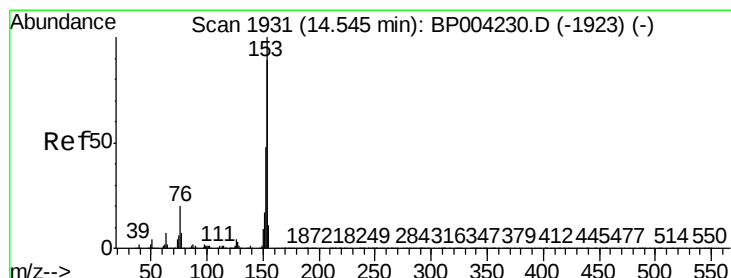
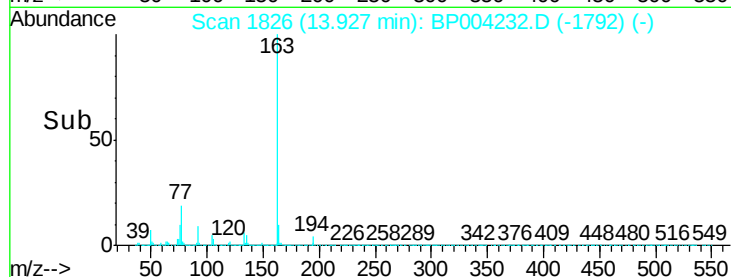
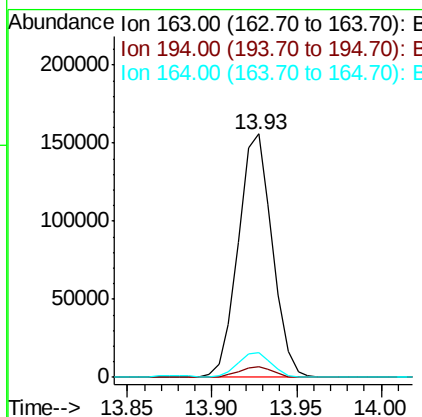
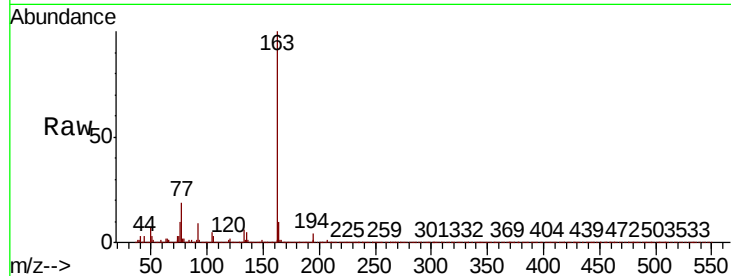
#45
Dimethylphthalate
Concen: 3.636 ng/ul
RT: 13.93 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BP004232.D
Acq: 11 Dec 2020 17:29

Instrument :
BNA_P
ClientSampleId :
A54A2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		218878		
194	4.3		3.4	5.2	
164	10.3		8.4	12.6	

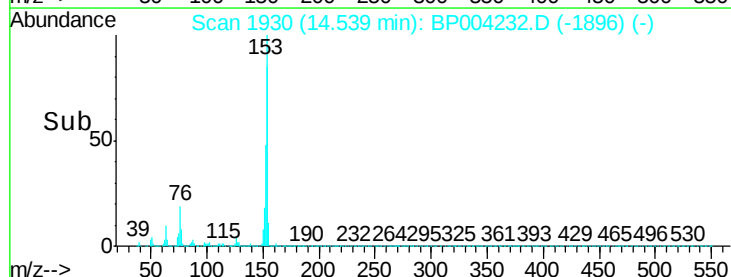
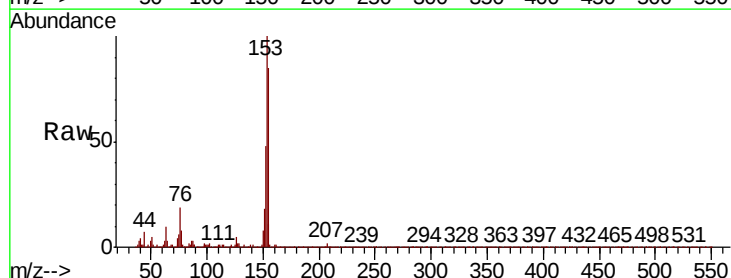
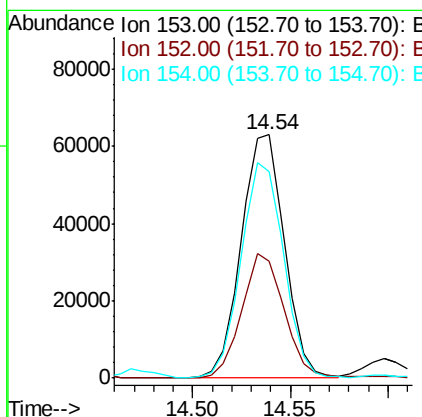
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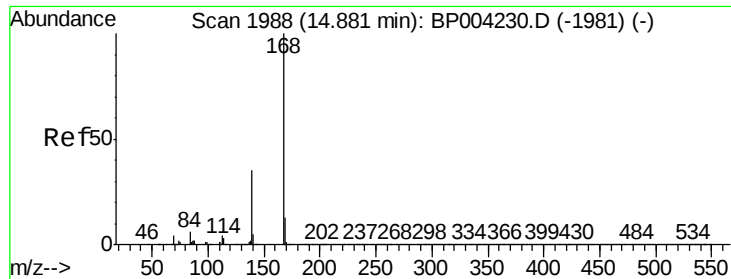
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#50
Acenaphthene
Concen: 1.828 ng/ul
RT: 14.54 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BP004232.D
Acq: 11 Dec 2020 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
153	100		96882		
152	47.9		37.8	56.6	
154	85.1		69.8	104.8	





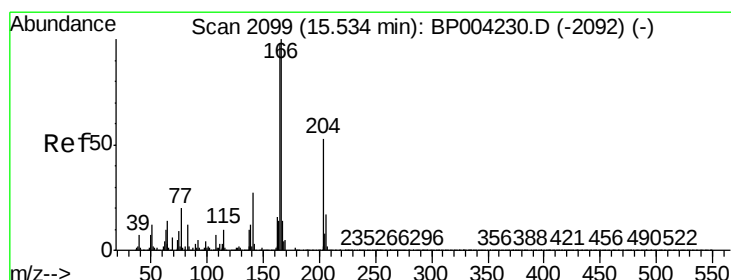
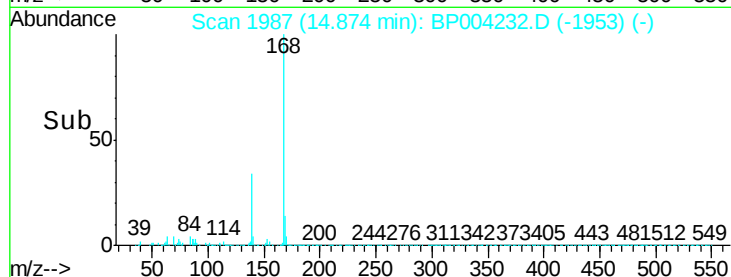
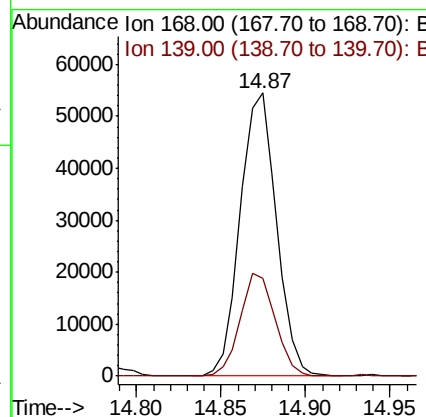
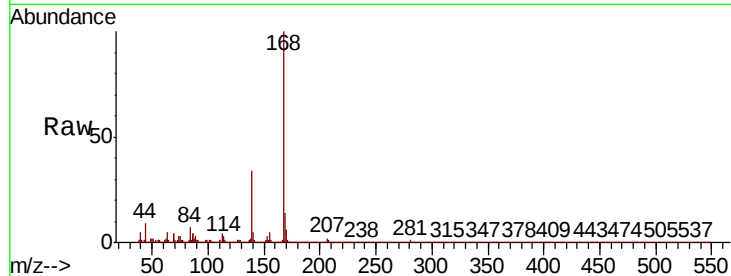
#54
Dibenzenofuran
Concen: 1.087 ng/ul
RT: 14.87 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BP004232.D
Acq: 11 Dec 2020 17:29

Instrument :
BNA_P
ClientSampleId :
A54A2

Tot Ion:168 Resp: 81162
Ion Ratio Lower Upper
168 100
139 34.3 29.0 43.6

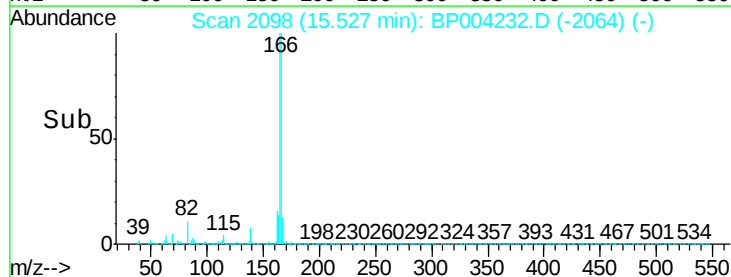
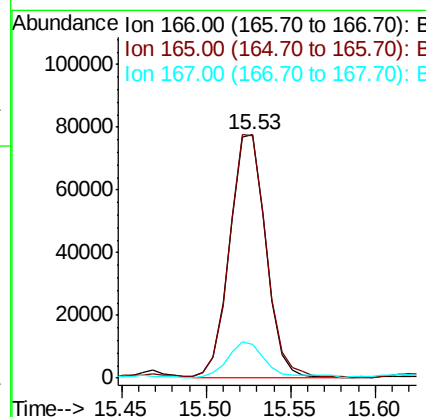
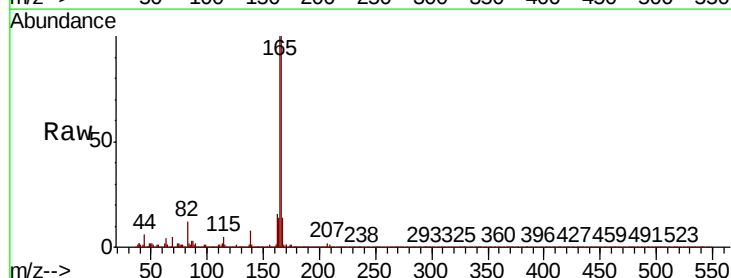
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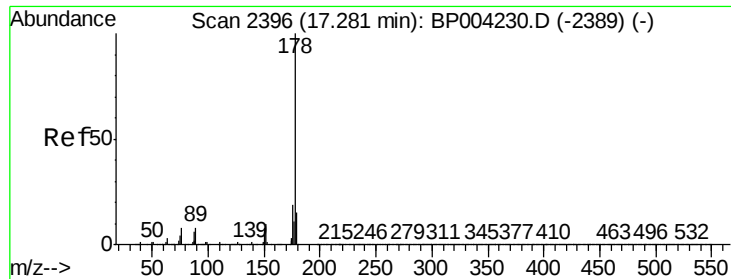
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#59
Fluorene
Concen: 1.917 ng/ul
RT: 15.53 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BP004232.D
Acq: 11 Dec 2020 17:29

Tgt Ion:166 Resp: 114498
Ion Ratio Lower Upper
166 100
165 99.8 78.2 117.2
167 13.6 10.8 16.2





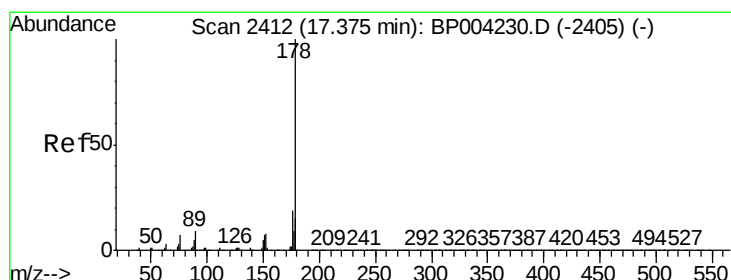
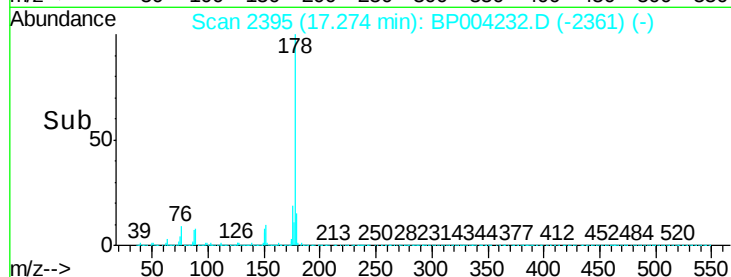
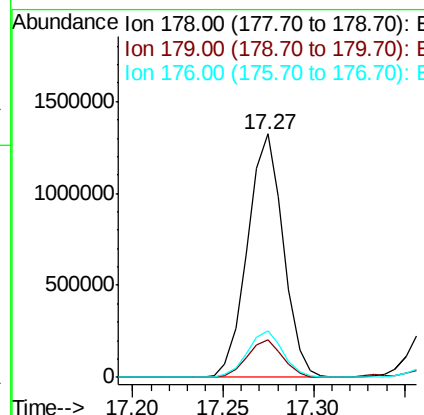
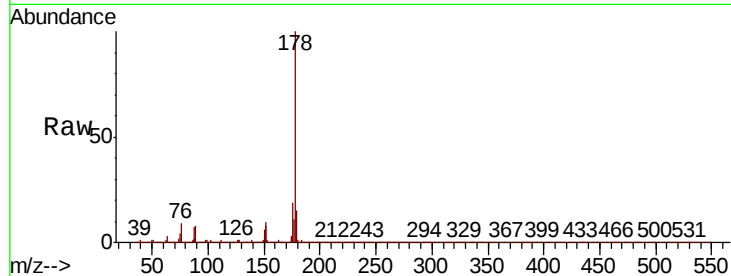
#70
Phenanthrene
Concen: 18.358 ng/ul
RT: 17.27 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BP004232.D
Acq: 11 Dec 2020 17:29

Instrument :
BNA_P
ClientSampleId :
A54A2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	19.1	15.4	23.0

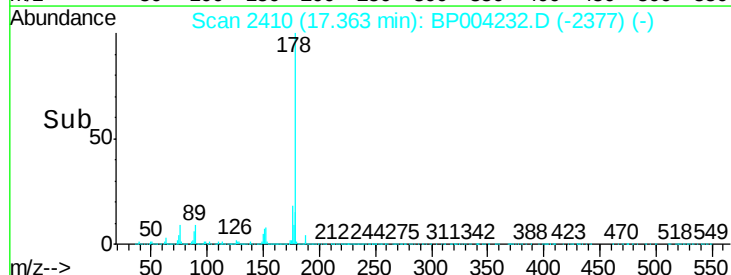
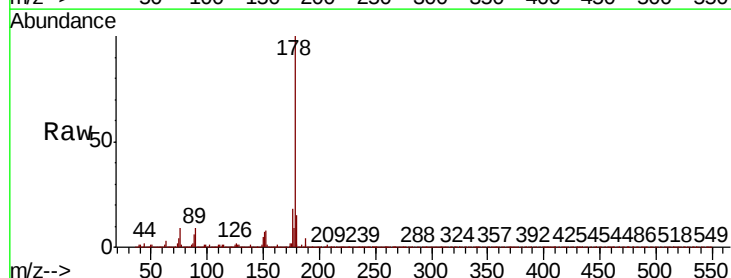
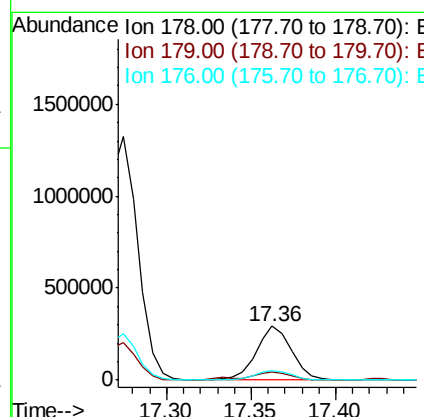
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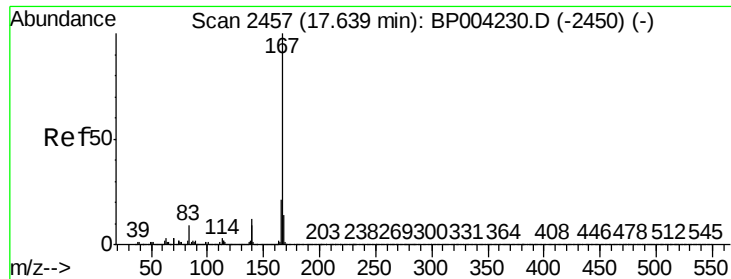
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#72
Anthracene
Concen: 4.331 ng/ul
RT: 17.36 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BP004232.D
Acq: 11 Dec 2020 17:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.3	14.9	22.3





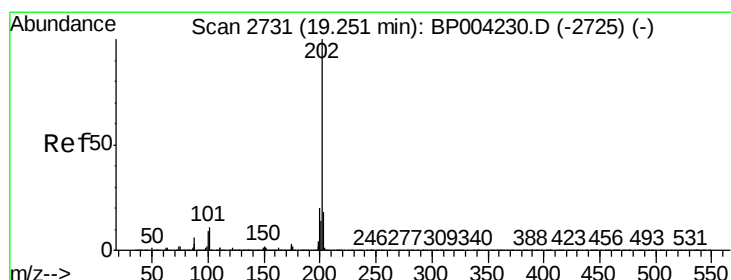
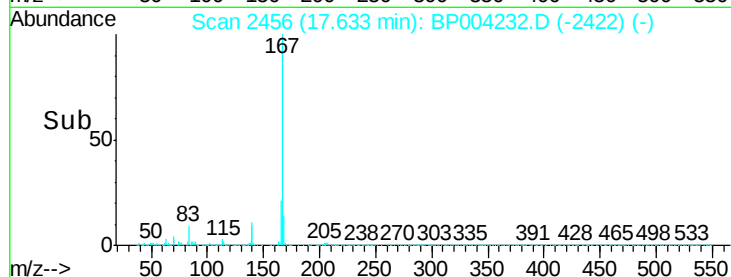
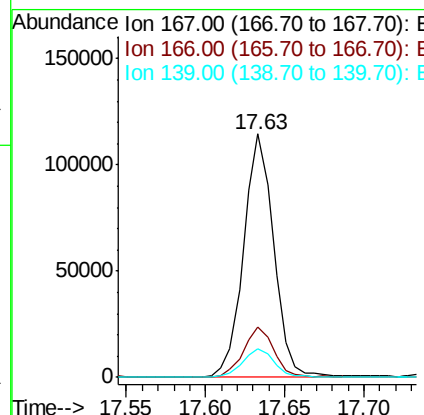
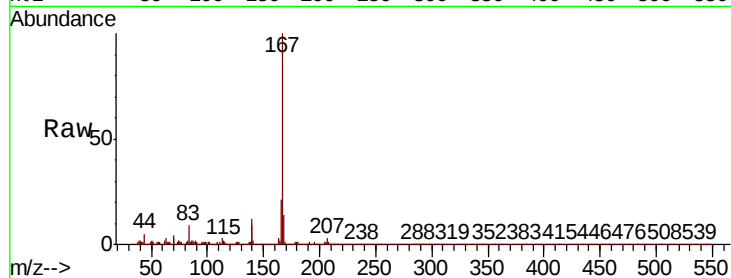
#75
 Carbazole
 Concen: 1.905 ng/ul
 RT: 17.63 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BP004232.D
 Acq: 11 Dec 2020 17:29

Instrument :
 BNA_P
 ClientSampleId :
 A54A2

Tot Ion:	167	Resp:	150981
Ion Ratio	Lower	Upper	
167	100		
166	20.7	17.1	25.7
139	11.6	9.8	14.6

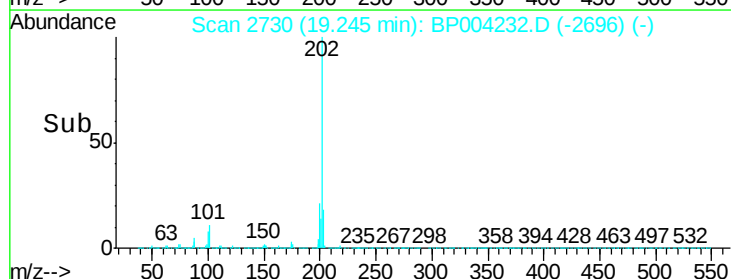
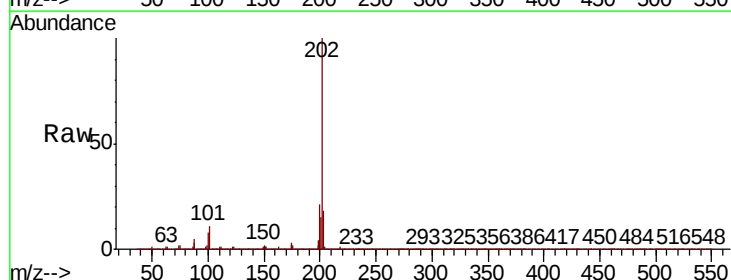
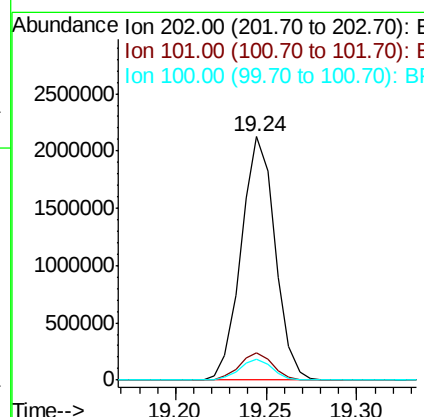
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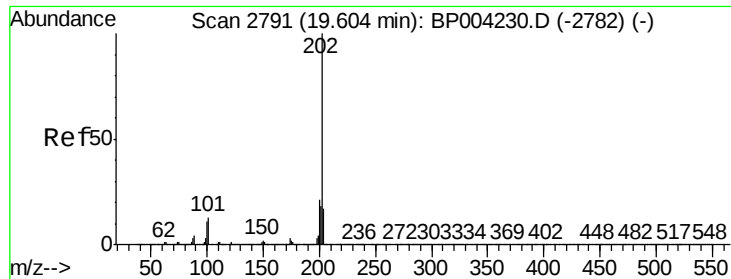
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#77
 Fluoranthene
 Concen: 26.224 ng/ul
 RT: 19.24 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: BP004232.D
 Acq: 11 Dec 2020 17:29

Tgt Ion:	202	Resp:	2757030
Ion Ratio	Lower	Upper	
202	100		
101	11.0	9.1	13.7
100	8.4	7.1	10.7





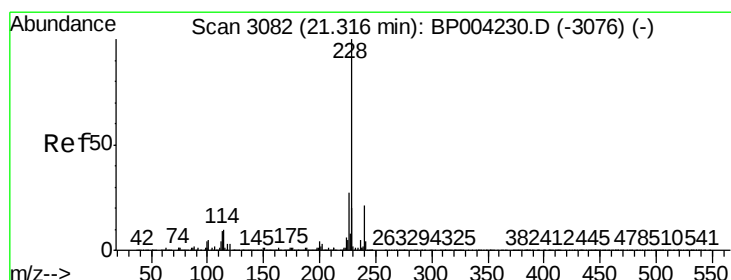
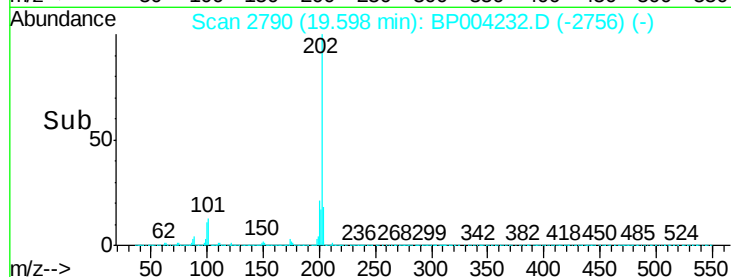
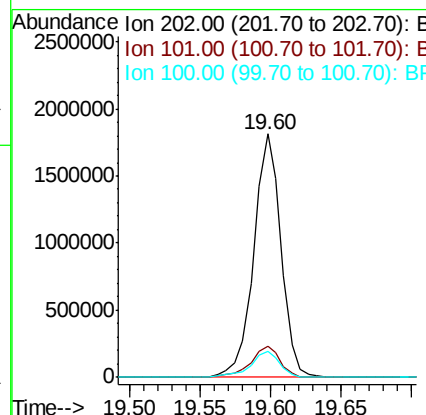
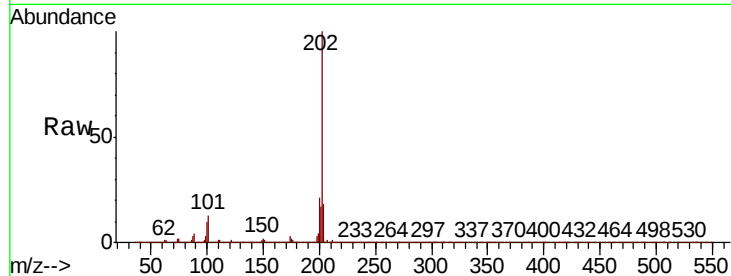
#80
Pvrene
Concen: 19.757 ng/ul
RT: 19.60 min Scan# 2790
Delta R.T. -0.00 min
Lab File: BP004232.D
Acq: 11 Dec 2020 17:29

Instrument :
BNA_P
ClientSampleId :
A54A2

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.6	15.8
100	10.5	8.6	12.8

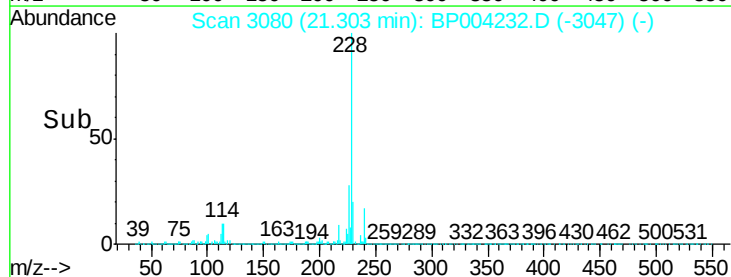
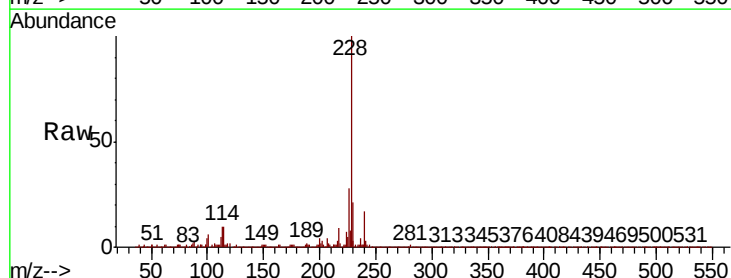
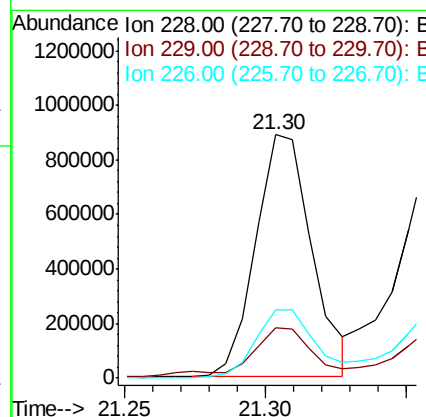
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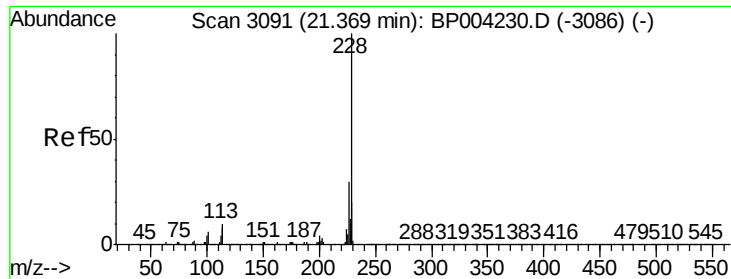
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#83
Benzo(a)anthracene
Concen: 10.076 ng/ul
RT: 21.30 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BP004232.D
Acq: 11 Dec 2020 17:29

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.8
226	28.2	21.7	32.5





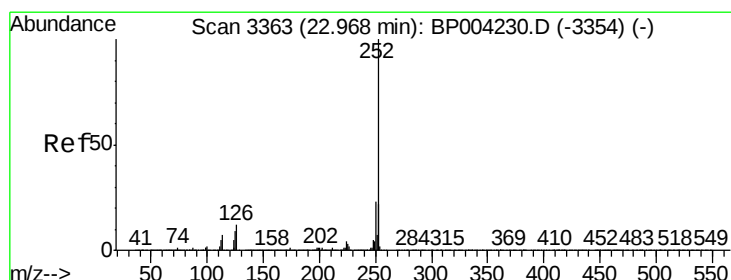
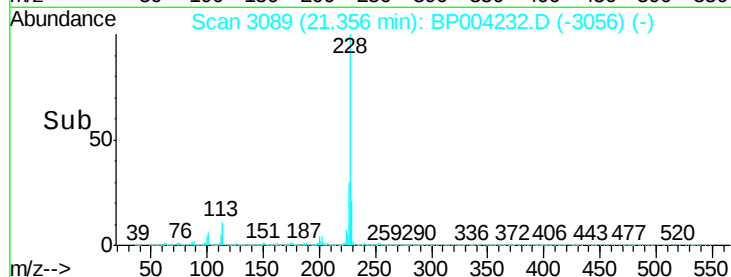
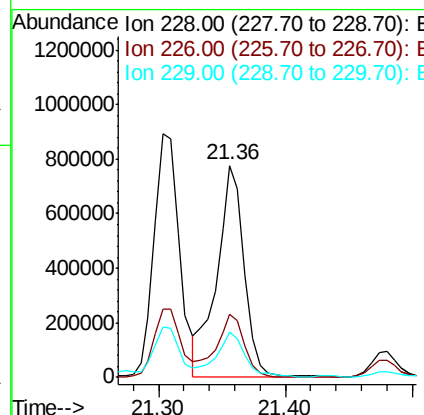
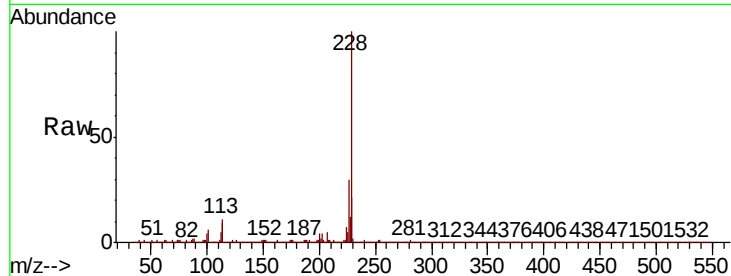
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Chrysene
Concen: 9.839 ng/ul
RT: 21.36 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BP004232.D
Acq: 11 Dec 2020 17:29

Instrument :
BNA_P
ClientSampleId :
A54A2

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	21.1	15.8	23.8

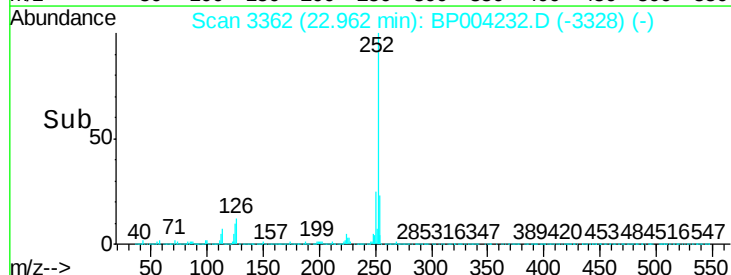
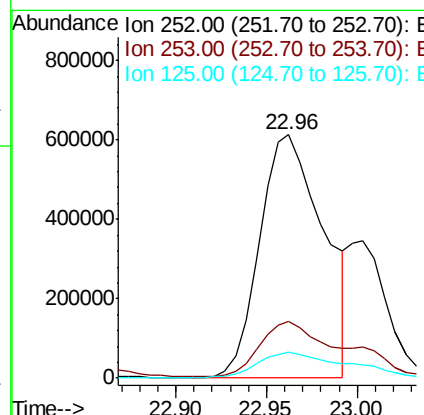
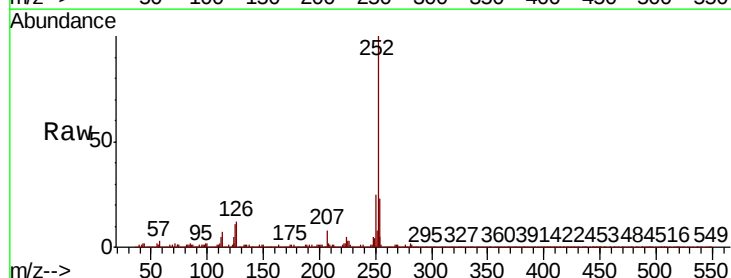
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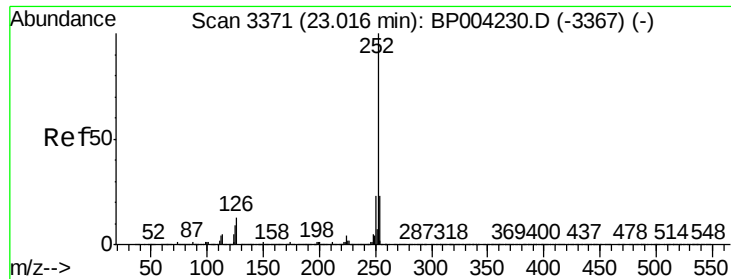
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#88
Benzo(b)fluoranthene
Concen: 11.809 ng/ul
RT: 22.96 min Scan# 3362
Delta R.T. -0.00 min
Lab File: BP004232.D
Acq: 11 Dec 2020 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	10.7	7.7	11.5





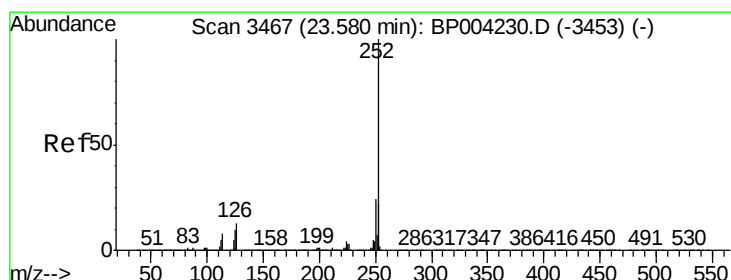
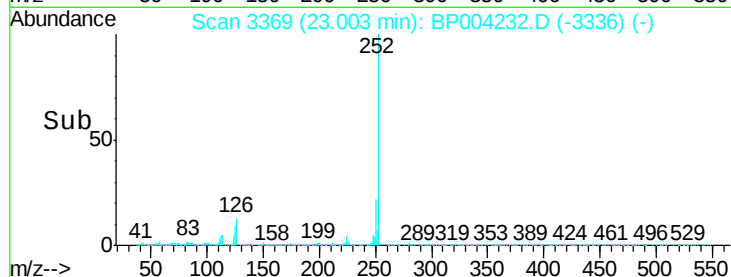
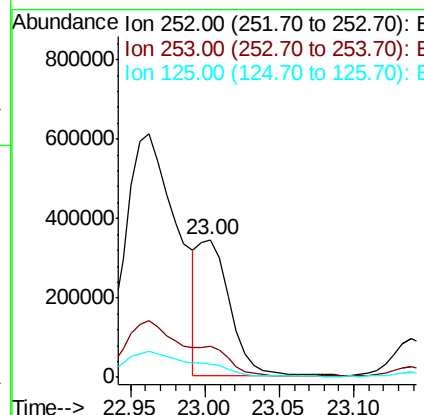
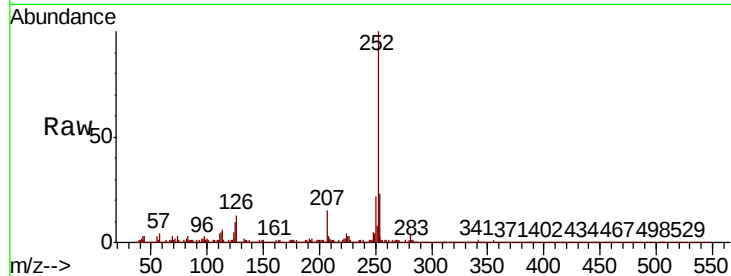
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Benzo(k)fluoranthene
Concen: 3.771 ng/ul
RT: 23.00 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BP004232.D
Acq: 11 Dec 2020 17:29

Instrument :
BNA_P
ClientSampleId :
A54A2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	9.9	7.3	10.9

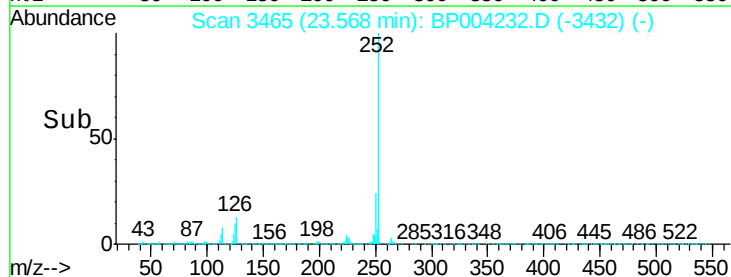
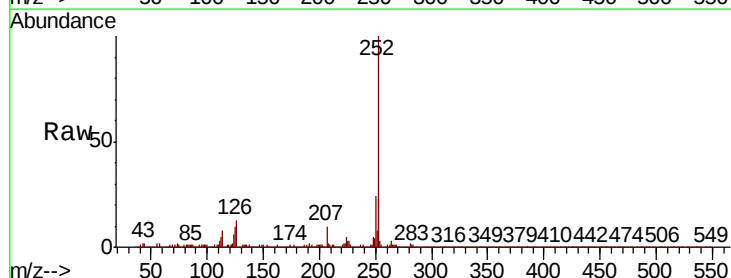
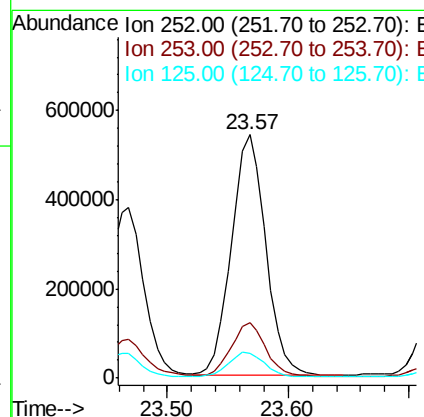
Manual Integrations
APPROVED

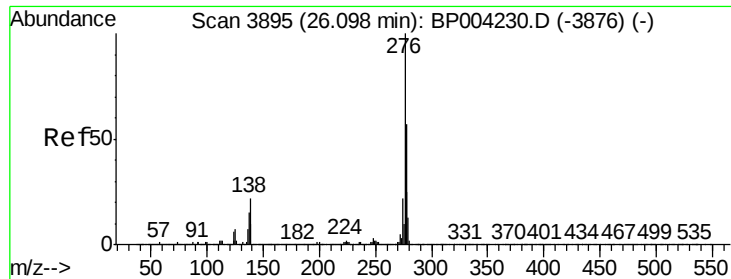
mohammad
12/15/2020 12:18:22 PM



#91
Benzo(a)pyrene
Concen: 9.054 ng/ul
RT: 23.57 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BP004232.D
Acq: 11 Dec 2020 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	10.4	7.8	11.6





#92

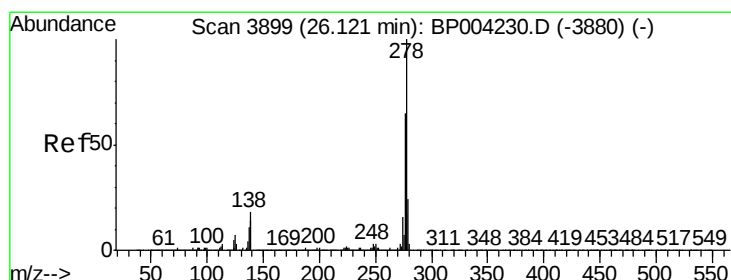
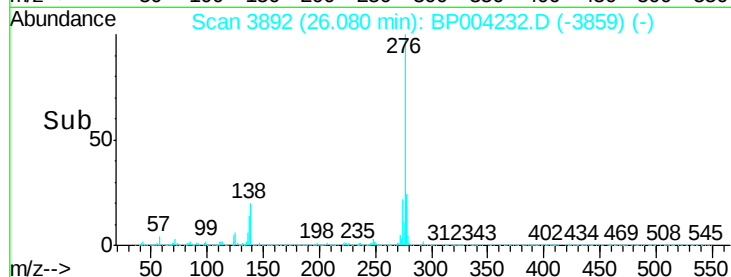
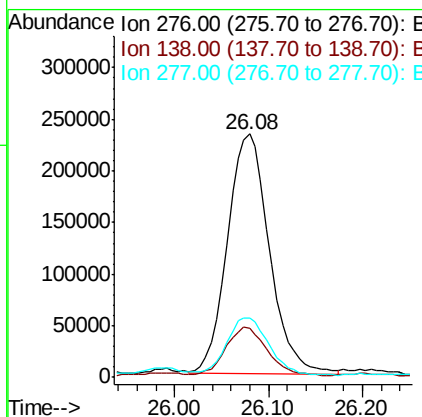
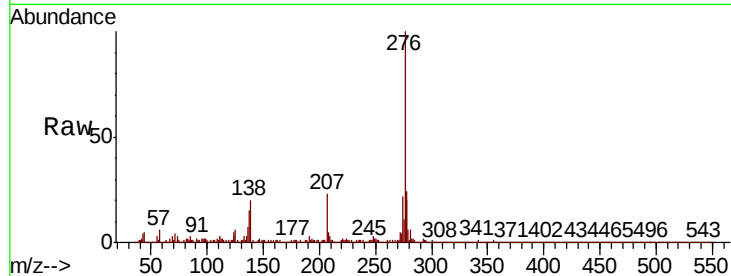
Indeno(1,2,3-cd)pyrene
Concen: 4.857 ng/ul
RT: 26.08 min Scan# 3892
Delta R.T. -0.01 min
Lab File: BP004232.D
Acq: 11 Dec 2020 17:29

Instrument :
BNA_P
ClientSampleId :
A54A2

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.1	17.8	26.6
277	24.1	19.8	29.6

Manual Integrations
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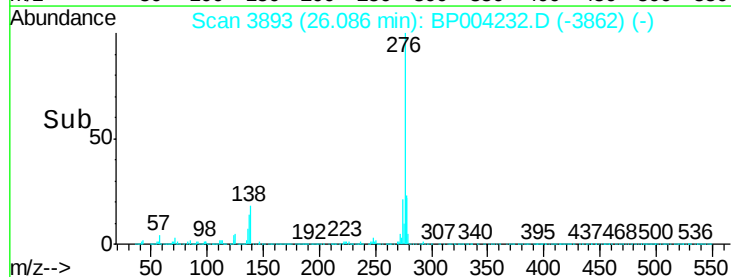
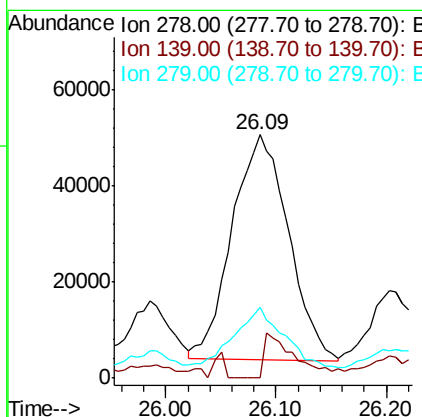
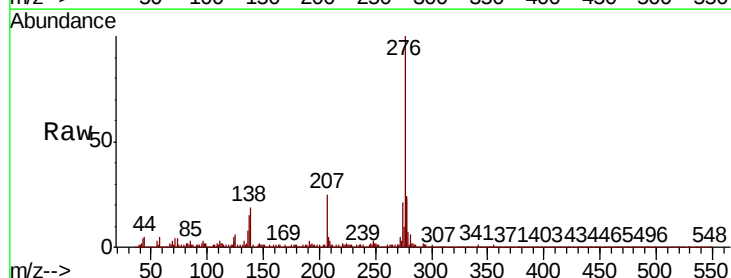
mohammad
12/15/2020 12:18:22 PM

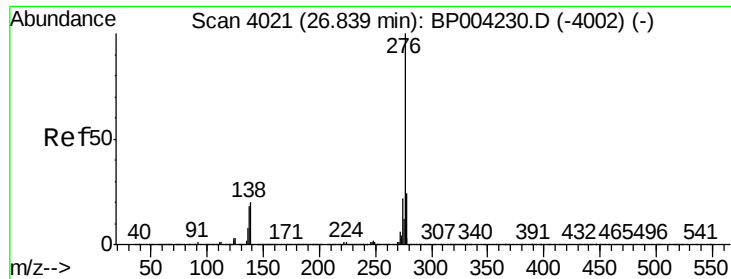


#93

Dibenzo(a,h)anthracene
Concen: 1.346 ng/ul
RT: 26.09 min Scan# 3893
Delta R.T. -0.02 min
Lab File: BP004232.D
Acq: 11 Dec 2020 17:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.9	17.9#
279	28.9	18.6	28.0#





#94
 Benzo(a,h,i)perylene
 Concen: 5.039 ng/ul
 RT: 26.81 min Scan# 4017
 Delta R.T. -0.01 min
 Lab File: BP004232.D
 Acq: 11 Dec 2020 17:29

Instrument :
 BNA_P
 ClientSampleId :
 A54A2

Tot Ion:	276	Resp:	626226
Ion Ratio	Lower	Upper	
276	100		
138	20.0	16.6	25.0
277	24.4	18.5	27.7

Manual Integrations
 APPROVED

mohammad
 12/15/2020 12:18:22 PM

