

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121220\
 Data File : BP004241.D
 Acq On : 11 Dec 2020 22:35
 Operator : CG/JU
 Sample : L5000-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A5

Manual Integrations
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 12/15/2020 12:18:39 PM

Quant Time: Dec 12 01:17:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 10 13:52:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	355826	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1429214	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	866044	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1889973	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	1970134	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	2086805	20.00	ng/ul	0.00

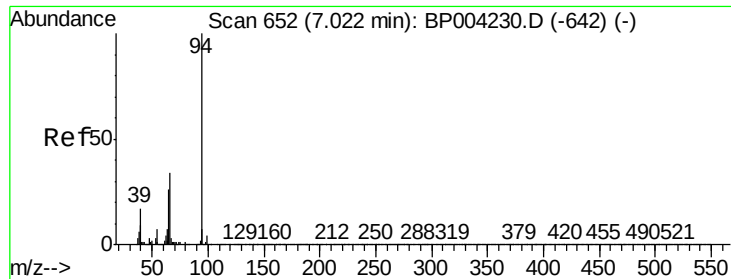
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	24453	2.41	ng/uL	0.00
5) Phenol-d5	6.99	99	494145	16.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	301502	16.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	404181	18.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	348749	15.68	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	202615	17.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	192174	19.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	386876	18.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	469211	17.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	1205766	18.22	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1592663	18.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	146243	13.08	ng/ul	0.00
58) Fluorene-d10	15.47	176	1072970	17.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	91992	10.14	ng/ul	0.00
71) Anthracene-d10	17.33	188	1707725	18.54	ng/ul	0.00
79) Pyrene-d10	19.57	212	2051640	19.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	2168590	19.73	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.01	94	32186	1.047	ng/ul#	92
14) Acetophenone	8.65	105	51939	1.477	ng/ul	97
45) Dimethylphthalate	13.93	163	240991	3.575	ng/ul	99
70) Phenanthrene	17.27	178	513125	4.602	ng/ul	100
77) Fluoranthene	19.25	202	1844731	15.494	ng/ul	98
80) Pyrene	19.60	202	1615178	12.154	ng/ul	100
83) Benzo(a)anthracene	21.30	228	769512	5.926	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	129322	2.177	ng/ul	98
85) Chrysene	21.36	228	1076388	8.449	ng/ul	98
88) Benzo(b)fluoranthene	22.96	252	1693206	12.795	ng/ul	98
89) Benzo(k)fluoranthene	23.00	252	462026m	3.399	ng/ul	
91) Benzo(a)pyrene	23.57	252	928583	7.519	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.08	276	811591	5.240	ng/ul	97
93) Dibenzo(a,h)anthracene	26.09	278	174546	1.345	ng/ul#	89
94) Benzo(g,h,i)perylene	26.82	276	699994	5.388	ng/ul	97

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



#6

Phenol

Concen: 1.047 ng/ul

RT: 7.01 min Scan# 650

Delta R.T. -0.01 min

Lab File: BP004241.D

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Instrument :

BNA_P

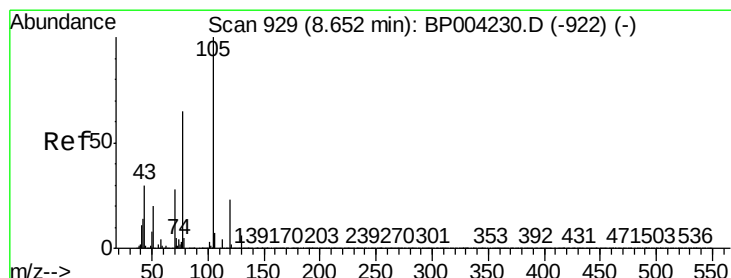
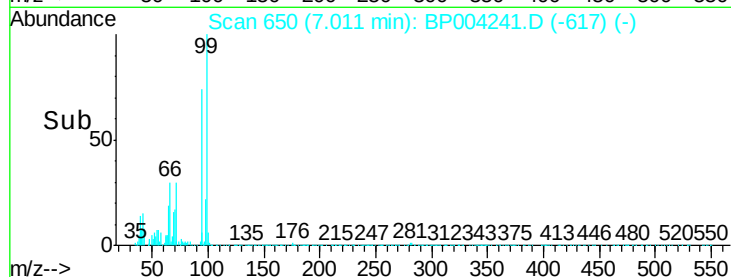
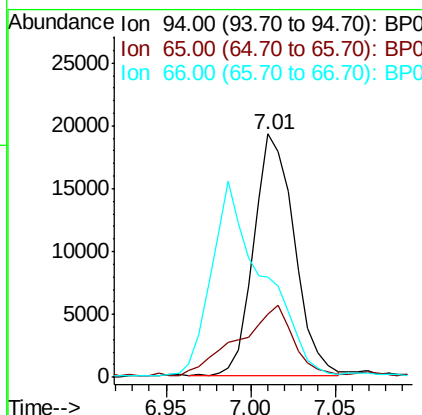
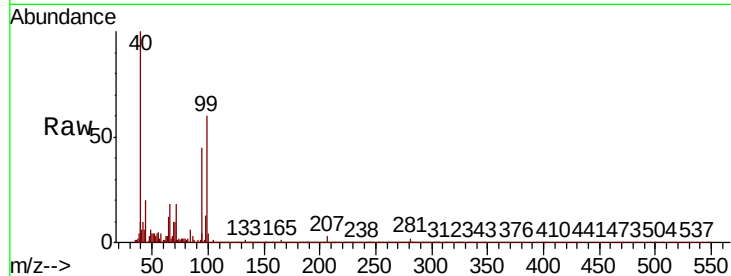
ClientSampled :

A54A5

Tot Ion:	94	Resp:	32186
Ion Ratio	Lower	Upper	
94	100		
65	26.0	20.8	31.2
66	41.1	26.5	39.7#

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#14

Acetophenone

Concen: 1.477 ng/ul

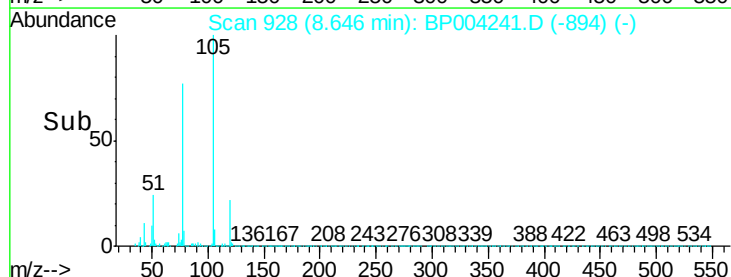
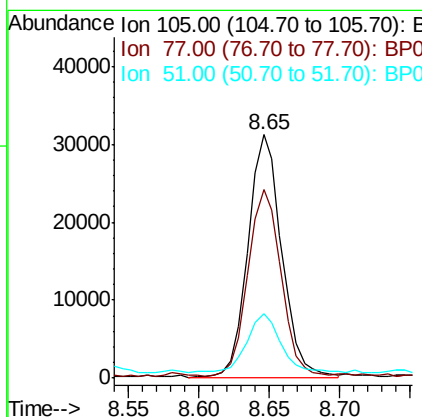
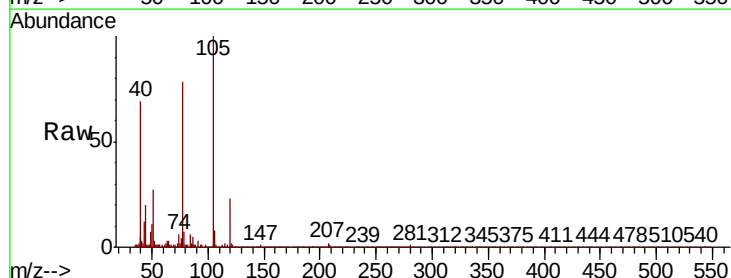
RT: 8.65 min Scan# 928

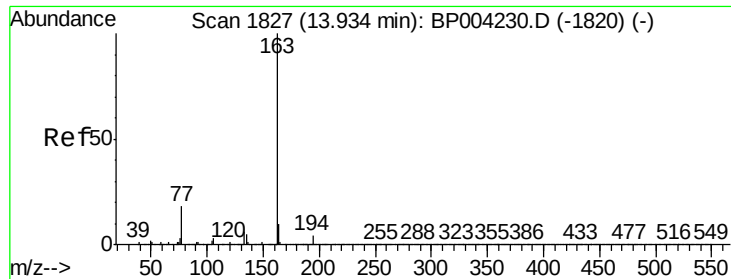
Delta R.T. 0.00 min

Lab File: BP004241.D

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Tgt Ion:	105	Resp:	51939
Ion Ratio	Lower	Upper	
105	100		
77	77.6	61.1	91.7
51	26.7	18.5	27.7





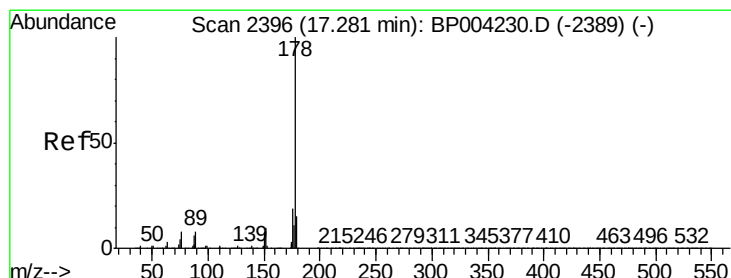
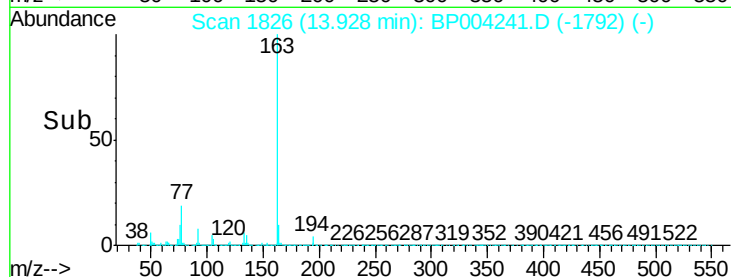
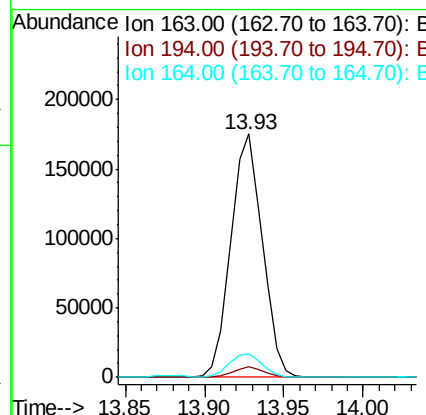
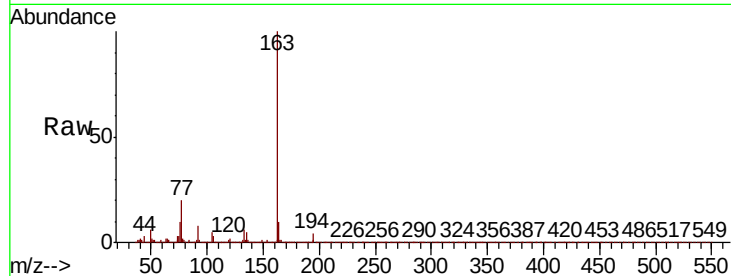
#45
Dimethylphthalate
Concen: 3.575 ng/ul
RT: 13.93 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BP004241.D
Acq: 11 Dec 2020 22:35

Instrument :
BNA_P
ClientSampleId :
A54A5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	240991		
194	4.1		3.4	5.2
164	9.8		8.4	12.6

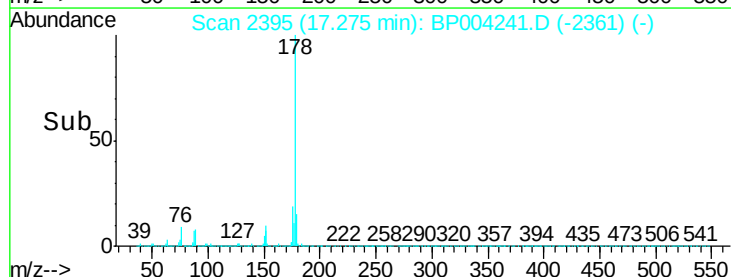
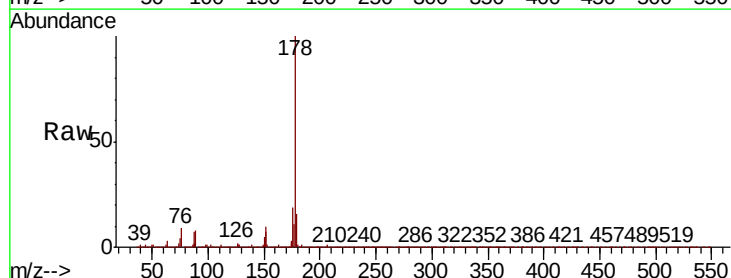
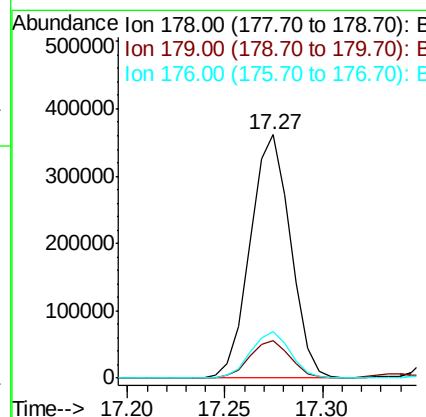
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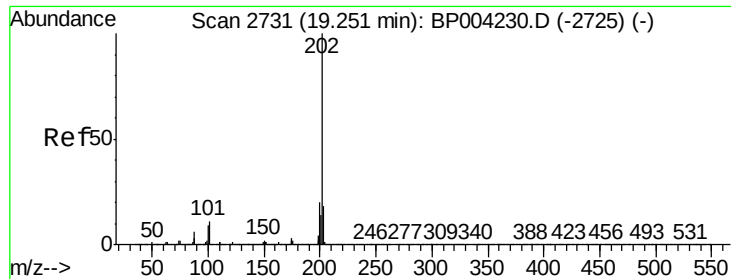
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#70
Phenanthrene
Concen: 4.602 ng/ul
RT: 17.27 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BP004241.D
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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	513125		
179	15.5		12.4	18.6
176	19.1		15.4	23.0





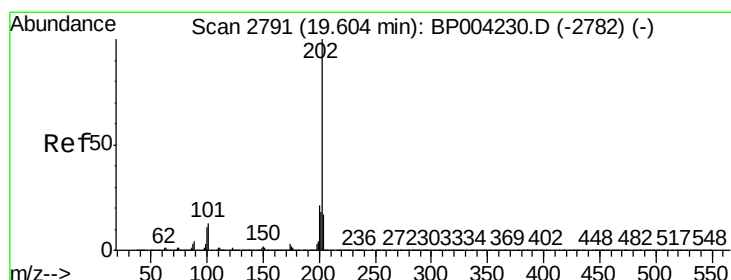
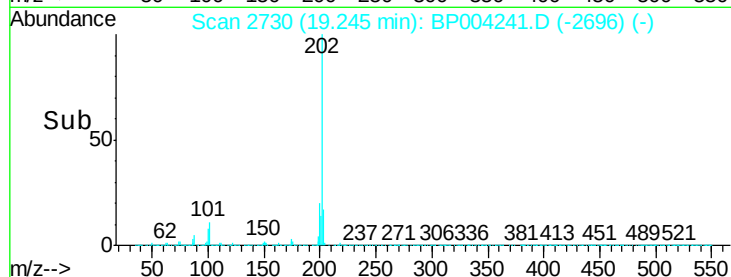
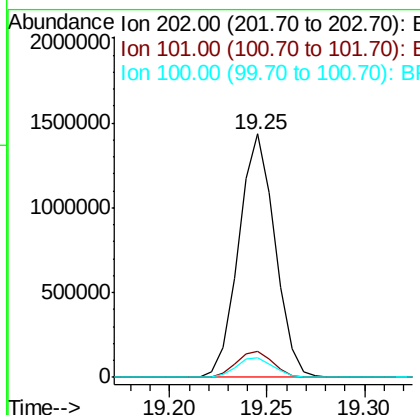
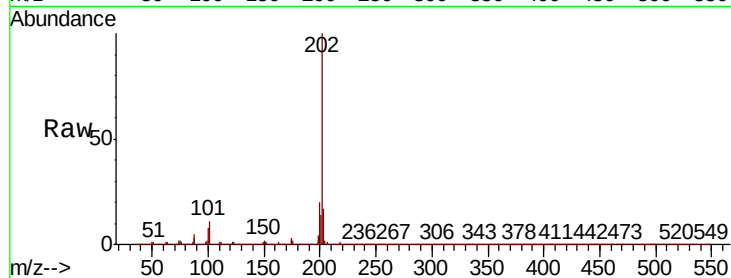
#77
Fluoranthene
Concen: 15.494 ng/ul
RT: 19.25 min Scan# 2730
Delta R.T. -0.00 min
Lab File: BP004241.D
Acq: 11 Dec 2020 22:35

Instrument :
BNA_P
ClientSampleId :
A54A5

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.1	13.7
100	8.1	7.1	10.7

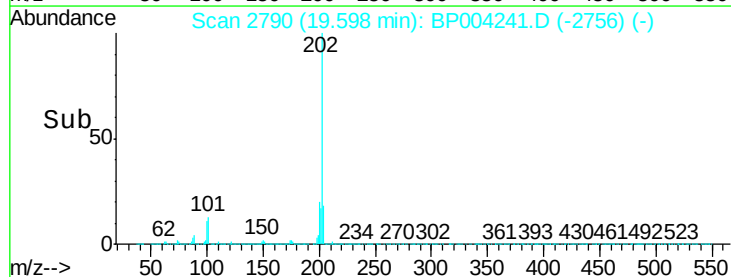
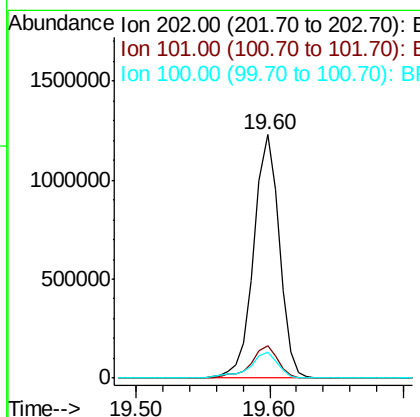
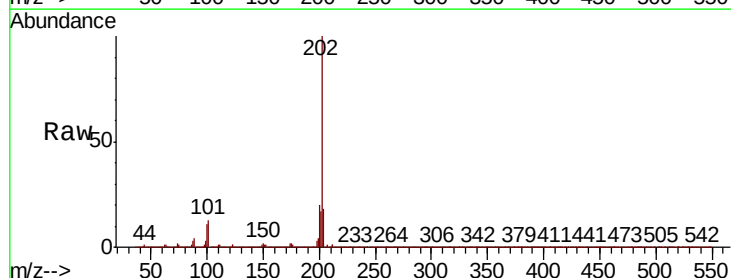
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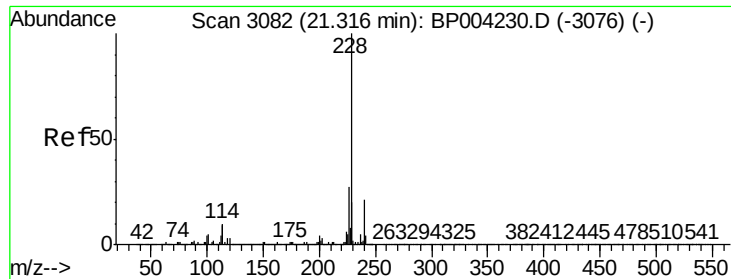
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#80
Pyrene
Concen: 12.154 ng/ul
RT: 19.60 min Scan# 2790
Delta R.T. 0.00 min
Lab File: BP004241.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.6	15.8
100	10.6	8.6	12.8





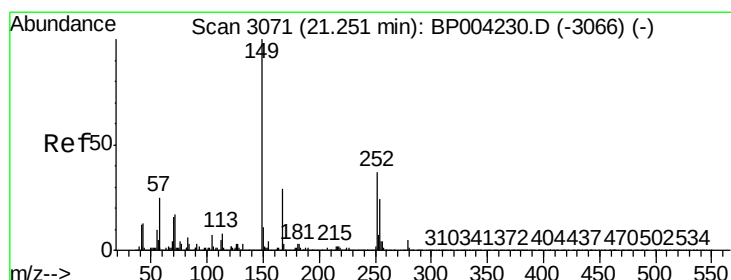
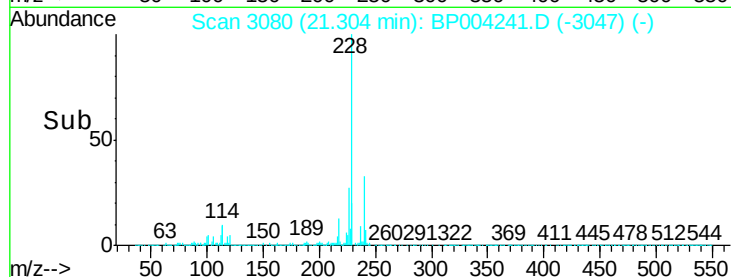
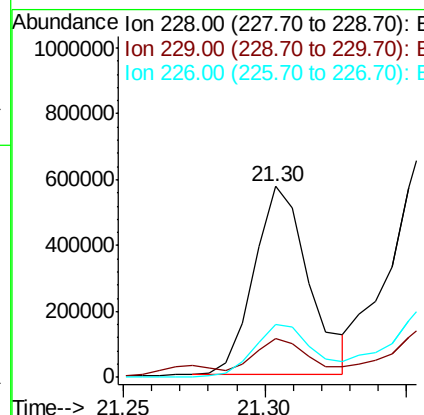
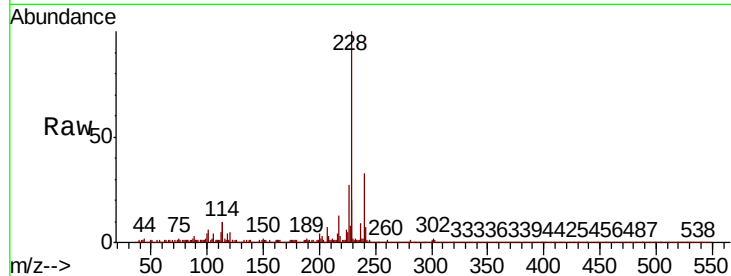
#83
Benzo(a)anthracene
Concen: 5.926 ng/ul
RT: 21.30 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BP004241.D
Acq: 11 Dec 2020 22:35

Instrument :
BNA_P
ClientSampled :
A54A5

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.8
226	27.4	21.7	32.5

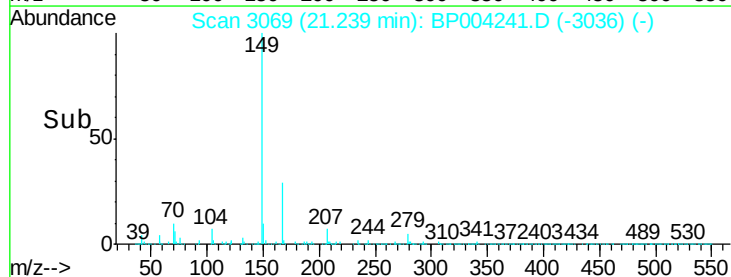
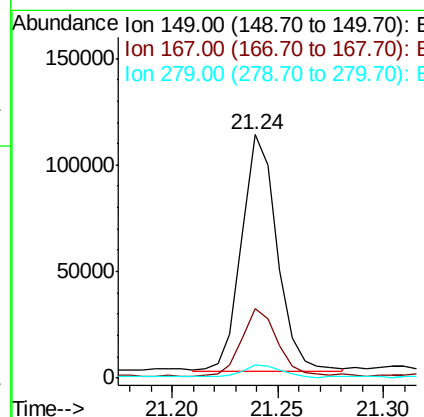
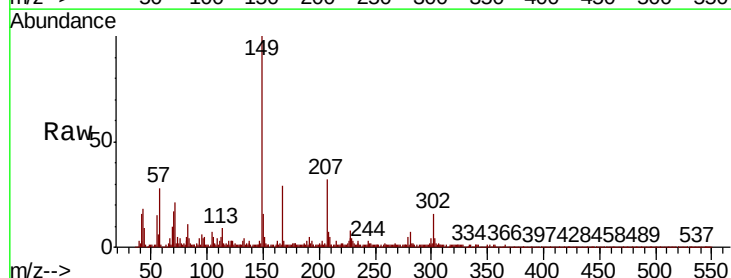
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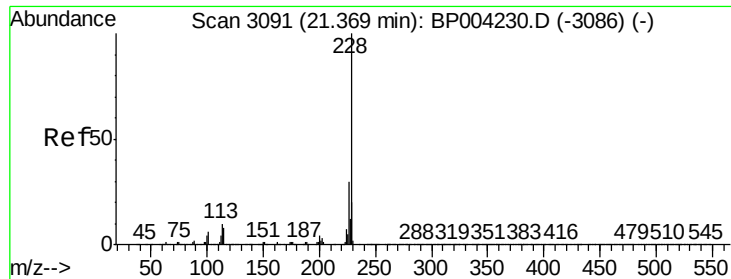
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.177 ng/ul
RT: 21.24 min Scan# 3069
Delta R.T. -0.01 min
Lab File: BP004241.D
Acq: 11 Dec 2020 22:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.2	33.4
279	5.3	3.6	5.4





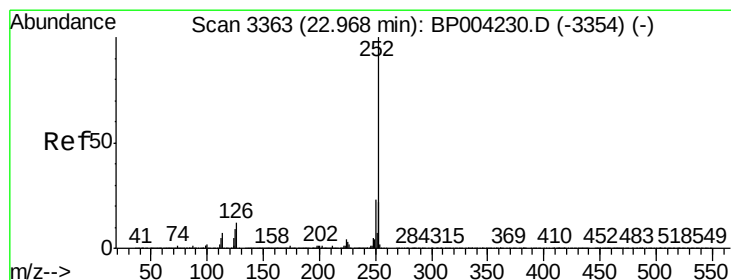
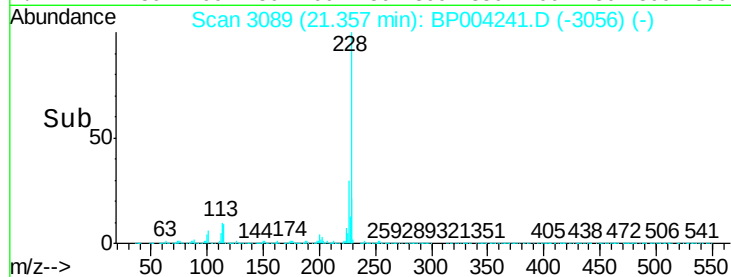
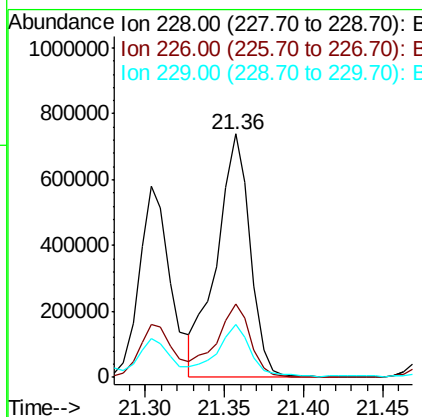
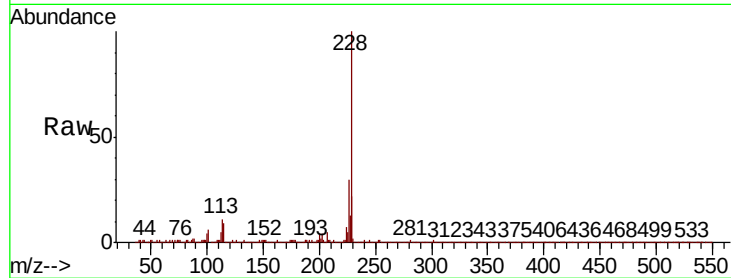
#85
Chrysene
Concen: 8.449 ng/ul
RT: 21.36 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BP004241.D
Acq: 11 Dec 2020 22:35

Instrument :
BNA_P
ClientSampleId :
A54A5

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.2
229	21.8	15.8	23.8

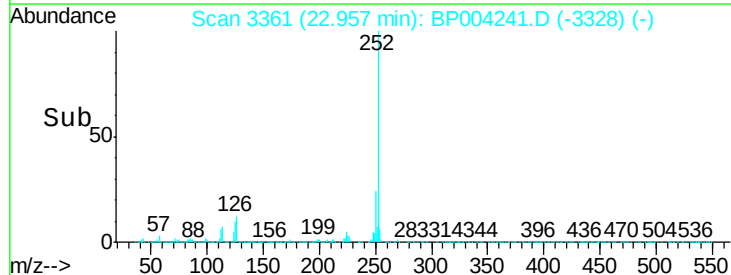
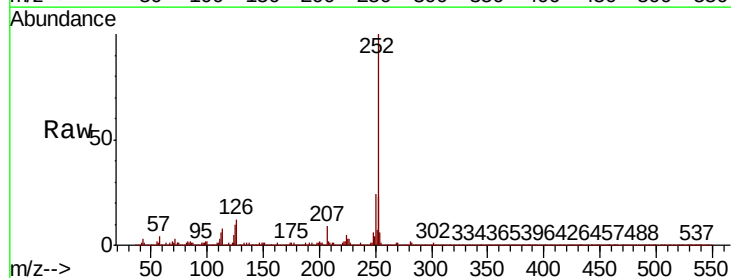
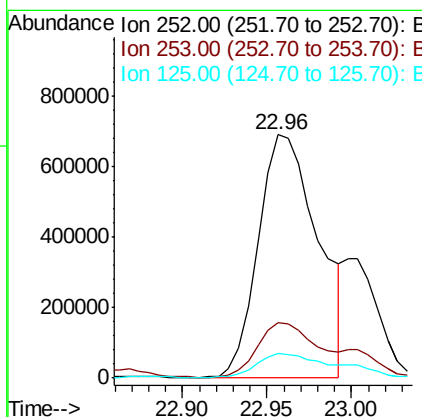
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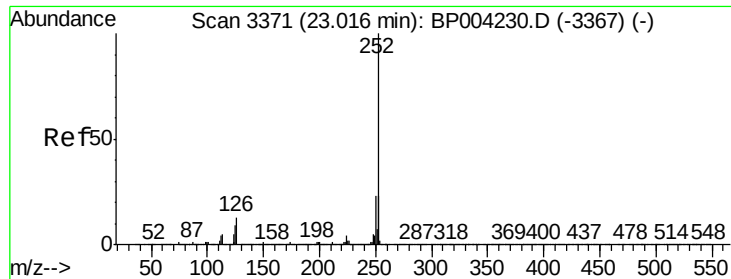
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#88
Benzo(b)fluoranthene
Concen: 12.795 ng/ul
RT: 22.96 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BP004241.D
Acq: 11 Dec 2020 22:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	10.2	7.7	11.5





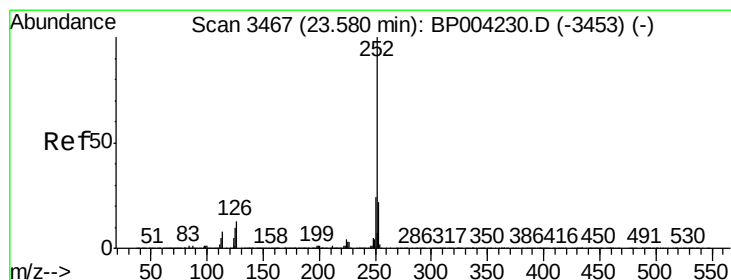
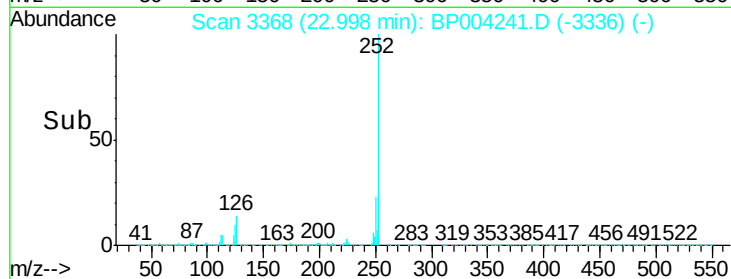
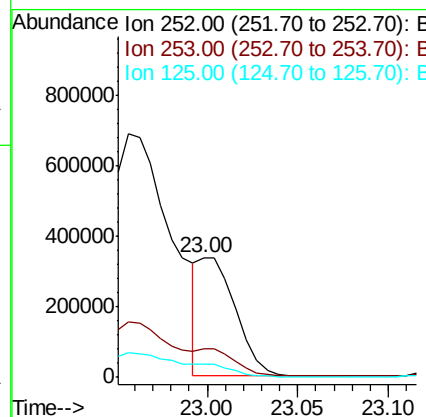
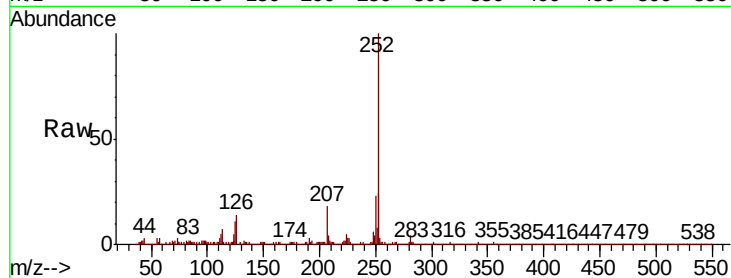
#89
Benzo(k)fluoranthene
Concen: 3.399 ng/ul m
RT: 23.00 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BP004241.D
Acq: 11 Dec 2020 22:35

Instrument :
BNA_P
ClientSampled :
A54A5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	10.8	7.3	10.9

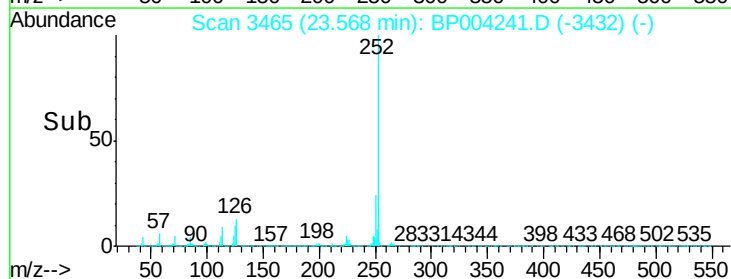
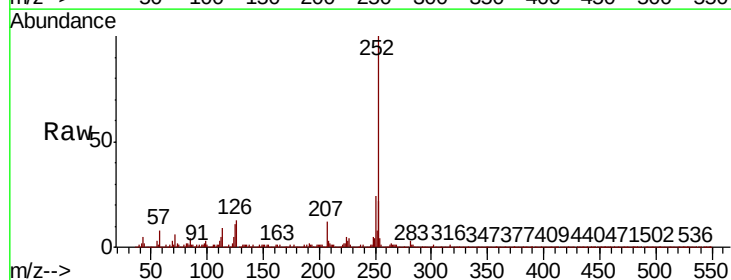
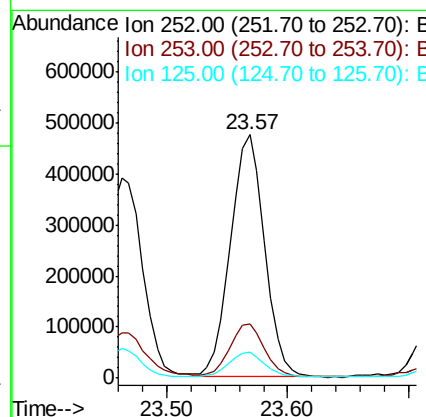
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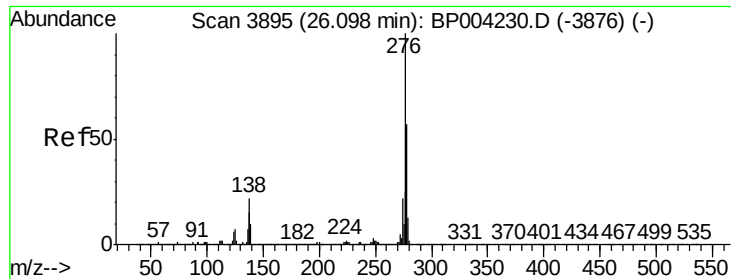
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#91
Benzo(a)pyrene
Concen: 7.519 ng/ul
RT: 23.57 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BP004241.D
Acq: 11 Dec 2020 22:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	10.8	7.8	11.6





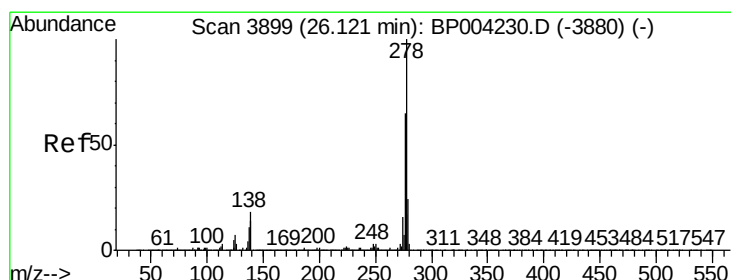
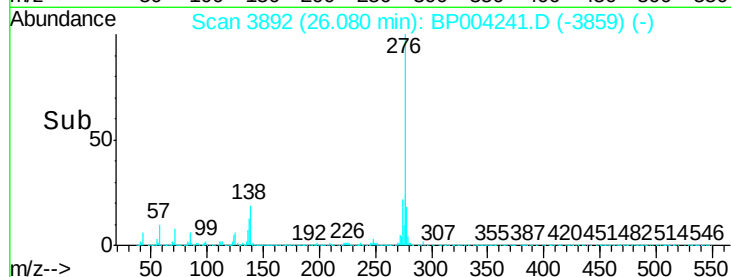
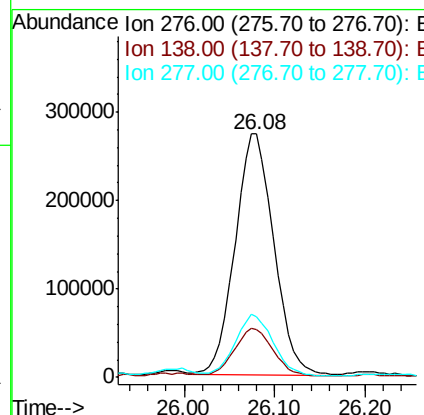
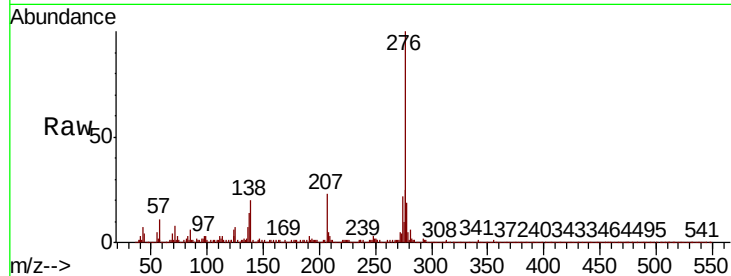
#92
Indeno(1,2,3-cd)pyrene
Concen: 5.240 ng/ul
RT: 26.08 min Scan# 3892
Delta R.T. -0.01 min
Lab File: BP004241.D
Acq: 11 Dec 2020 22:35

Instrument :
BNA_P
ClientSampleId :
A54A5

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	17.8	26.6
277	24.9	19.8	29.6

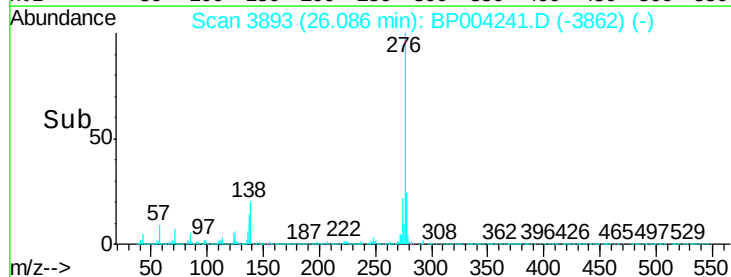
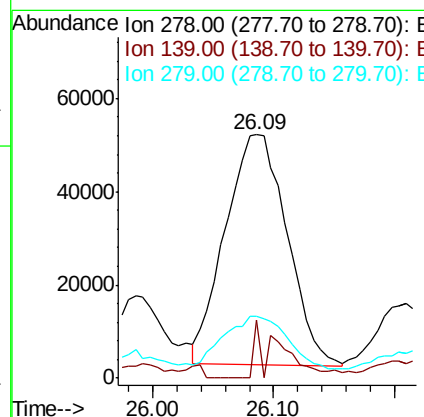
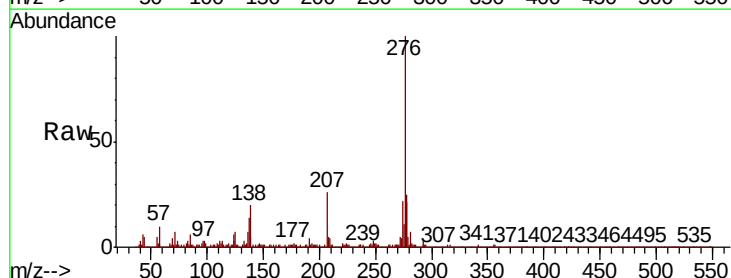
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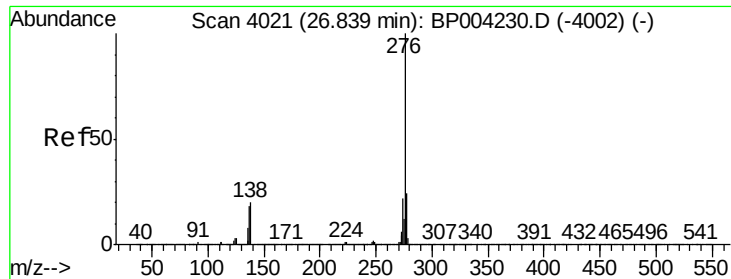
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#93
Dibenzo(a,h)anthracene
Concen: 1.345 ng/ul
RT: 26.09 min Scan# 3893
Delta R.T. -0.02 min
Lab File: BP004241.D
Acq: 11 Dec 2020 22:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.7	11.9	17.9#
279	25.6	18.6	28.0





#94
 Benzo(a,h,i)perylene
 Concen: 5.388 ng/ul
 RT: 26.82 min Scan# 4017
 Delta R.T. -0.01 min
 Lab File: BP004241.D
 Acq: 11 Dec 2020 22:35

Instrument :
 BNA_P
 ClientSampleId :
 A54A5

Tot Ion:	276	Resp:	699994
Ion Ratio	Lower	Upper	
276	100		
138	21.3	16.6	25.0
277	25.2	18.5	27.7

Manual Integrations
 APPROVED

mohammad
 12/15/2020 12:18:39 PM

