

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101619\
 Data File : BP000794.D
 Acq On : 16 Oct 2019 02:38
 Operator : JU
 Sample : K5178-21
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEPJ3

Manual Integrations
 APPROVED

mohammad
 10/17/2019 7:59:42 AM

Quant Time: Oct 16 07:25:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 05:11:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	210228	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	777451	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	424976	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	761850	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	616457	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	670438	20.00	ng/ul	0.00

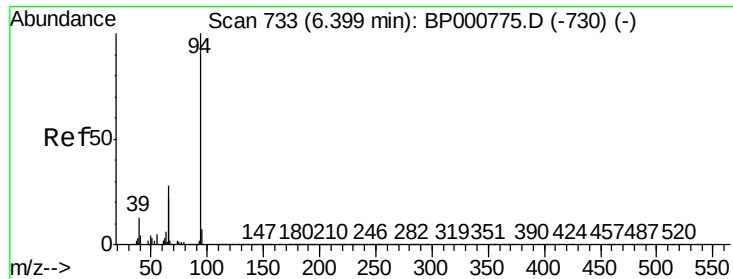
System Monitoring Compounds

3) 1,4-Dioxane-d8	2.37	96	20762	4.10	ng/uL	0.01
5) Phenol-d5	6.39	99	345449	21.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	183083	22.58	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	302102	22.11	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	250381	20.21	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	142815	24.17	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	155638	24.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.89	165	274147	22.76	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	251916	18.81	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	762504	25.63	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	919281	25.12	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	67575	14.75	ng/ul	0.00
58) Fluorene-d10	10.32	176	639919	25.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	47529	13.10	ng/ul	0.00
71) Anthracene-d10	11.35	188	916477	25.97	ng/ul	0.00
79) Pyrene-d10	12.73	212	980269	28.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	928707	28.06	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.40	94	46113	2.821	ng/ul 97
45) Dimethylphthalate	9.51	163	360475	12.161	ng/ul 99
70) Phenanthrene	11.32	178	266208	6.411	ng/ul 99
72) Anthracene	11.37	178	54696	1.298	ng/ul 98
77) Fluoranthene	12.52	202	611181	14.366	ng/ul 99
80) Pyrene	12.75	202	597838m	13.669	ng/ul
83) Benzo(a)anthracene	13.96	228	317050	7.663	ng/ul 96
84) Bis(2-ethylhexyl)phthalate	13.96	149	41446	1.744	ng/ul# 99
85) Chrysene	13.99	228	313209	8.145	ng/ul 97
88) Benzo(b)fluoranthene	15.02	252	413572	10.339	ng/ul 98
89) Benzo(k)fluoranthene	15.05	252	99022	2.599	ng/ul 98
91) Benzo(a)pyrene	15.39	252	279244	7.373	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	16.92	276	177074	4.079	ng/ul 97
93) Dibenzo(a,h)anthracene	16.92	278	48014m	1.349	ng/ul
94) Benzo(g,h,i)perylene	17.36	276	179288	4.960	ng/ul 99

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



#6

Phenol

Concen: 2.821 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BP000794.D

Acq: 16 Oct 2019 02:38

Instrument :

BNA_P

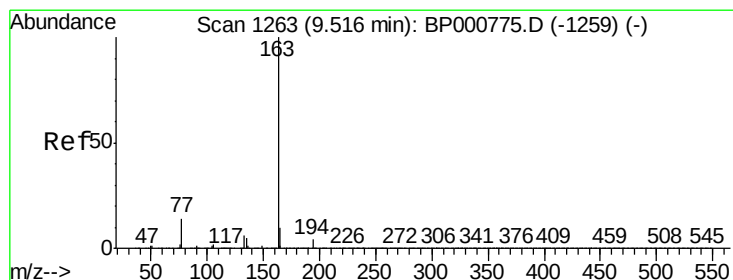
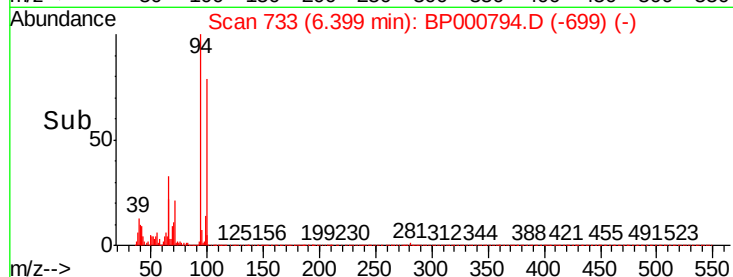
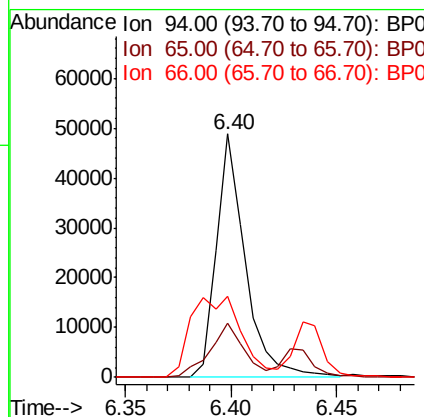
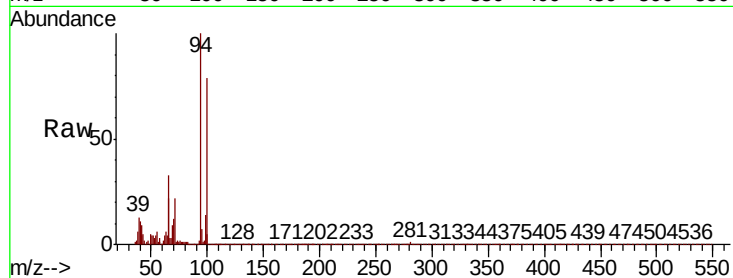
ClientSampleId :

BEPJ3

Tot Ion:	94	Resp:	46113
Ion Ratio	Lower	Upper	
94	100		
65	22.2	19.2	28.8
66	33.3	25.7	38.5

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#45

Dimethylphthalate

Concen: 12.161 ng/ul

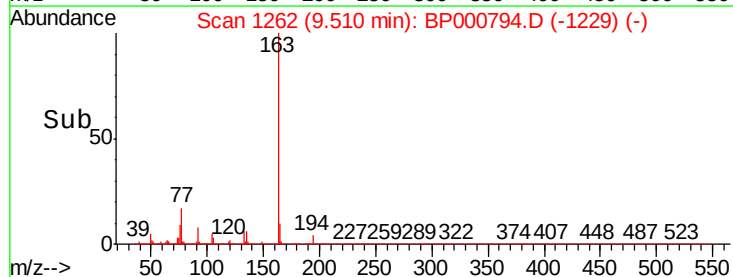
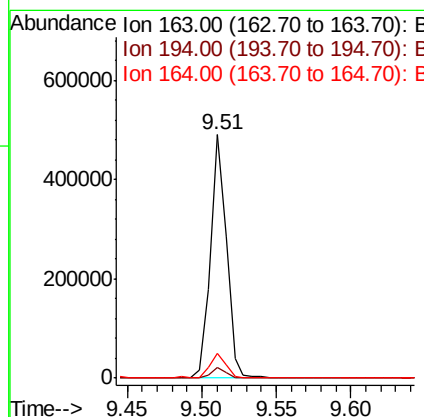
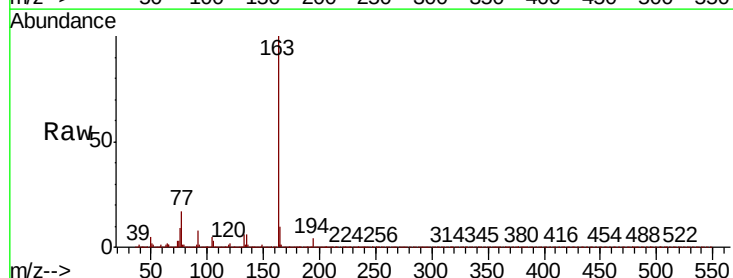
RT: 9.51 min Scan# 1262

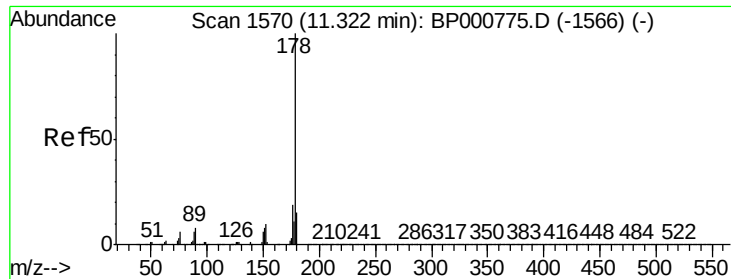
Delta R.T. -0.01 min

Lab File: BP000794.D

Acq: 16 Oct 2019 02:38

Tgt Ion:	163	Resp:	360475
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.3	4.9
164	10.4	8.1	12.1





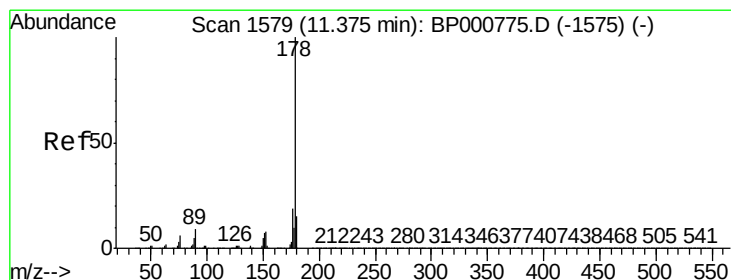
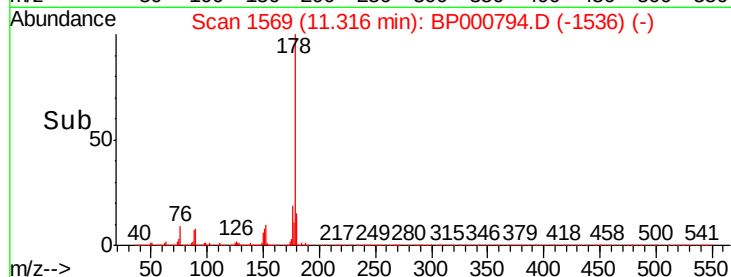
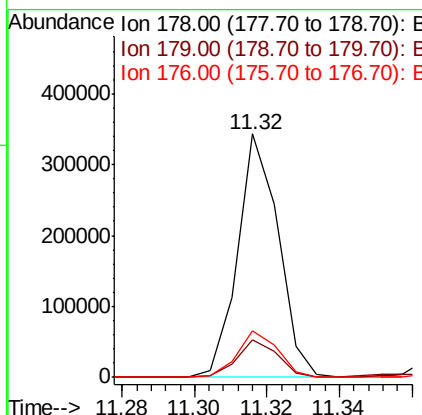
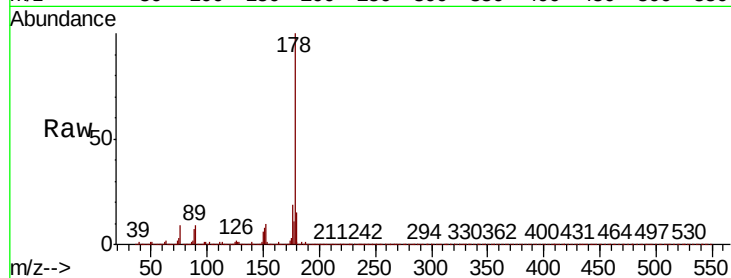
#70
Phenanthrene
Concen: 6.411 ng/ul
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BP000794.D
Acq: 16 Oct 2019 02:38

Instrument :
BNA_P
ClientSampled :
BEPJ3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	18.9	15.4	23.2

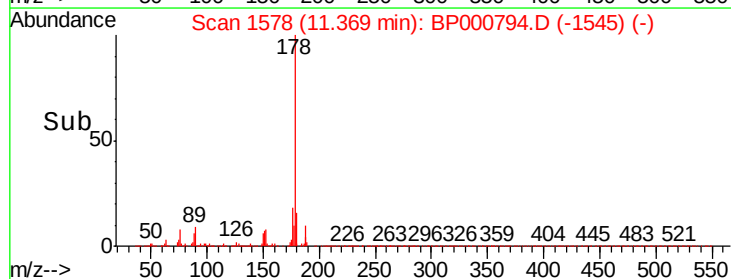
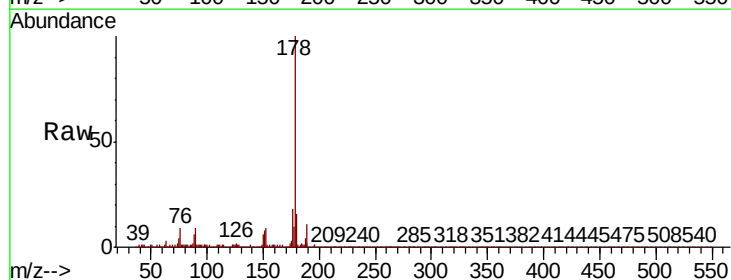
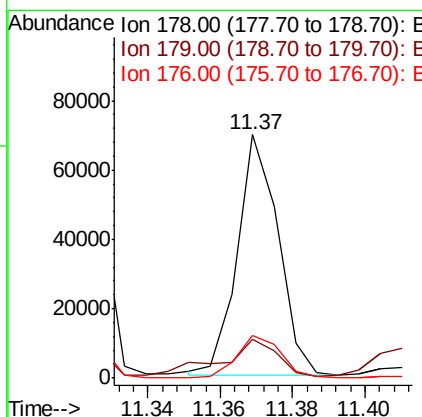
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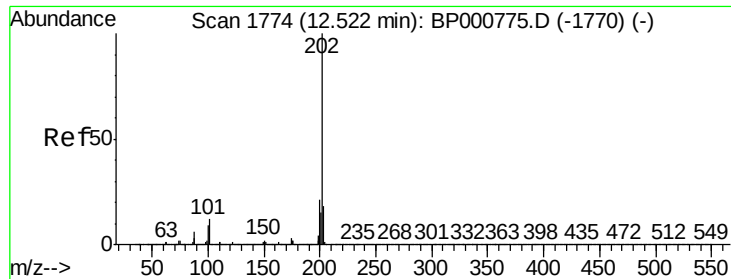
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#72
Anthracene
Concen: 1.298 ng/ul
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BP000794.D
Acq: 16 Oct 2019 02:38

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	17.7	15.1	22.7





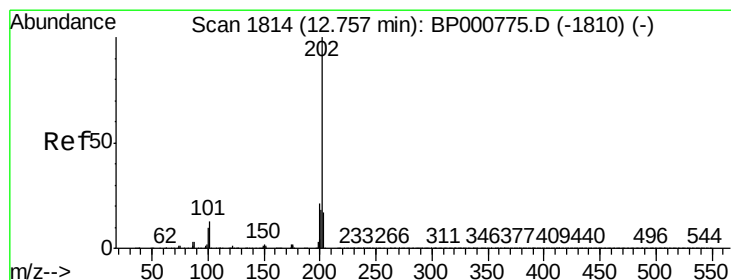
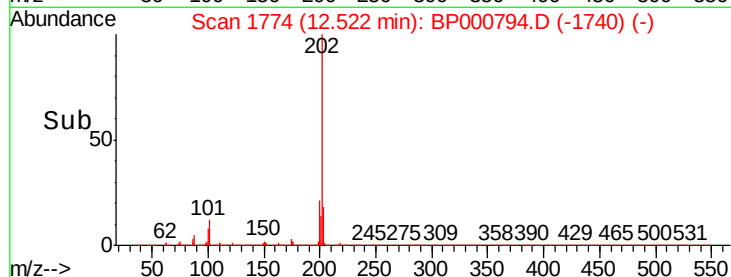
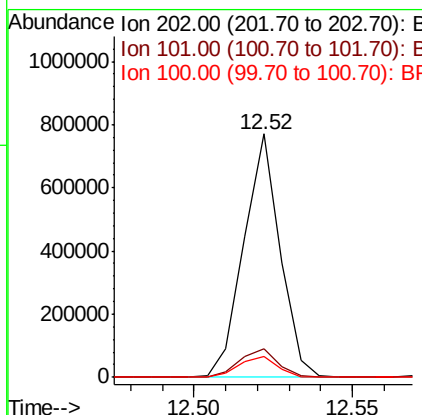
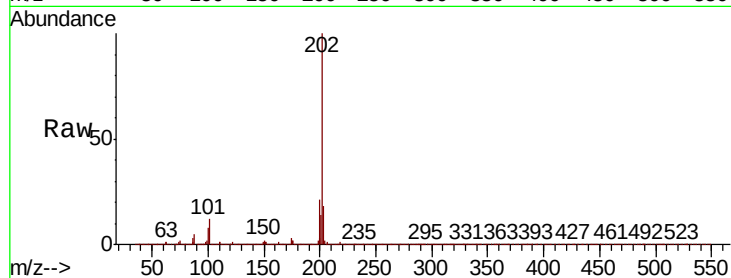
#77
Fluoranthene
Concen: 14.366 ng/ul
RT: 12.52 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BP000794.D
Acq: 16 Oct 2019 02:38

Instrument :
BNA_P
ClientSampleId :
BEPJ3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		611181		
101	11.6	9.8	14.6		
100	8.5	7.2	10.8		

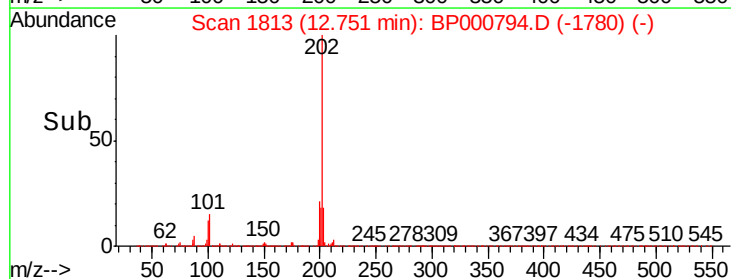
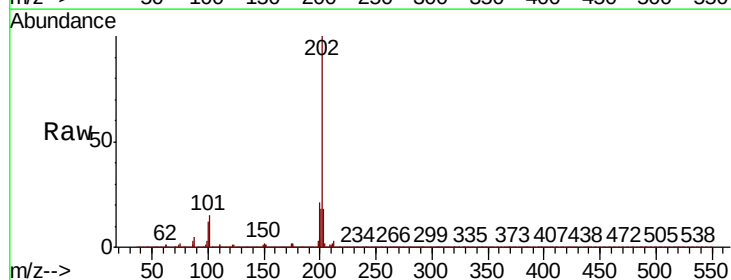
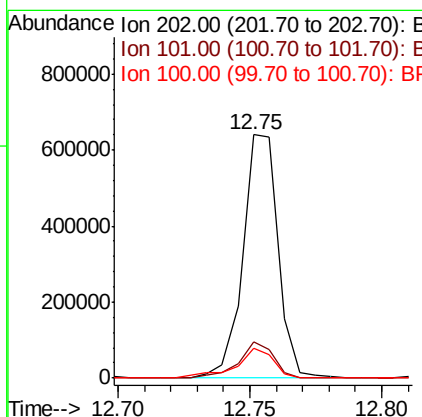
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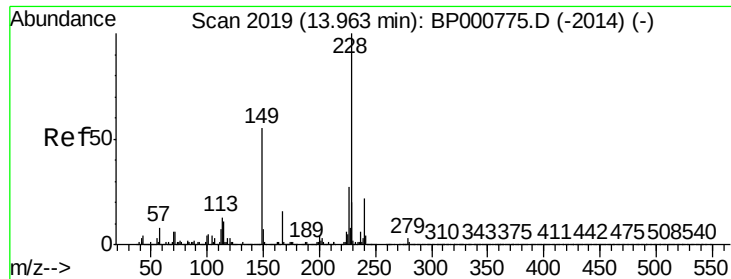
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#80
Pyrene
Concen: 13.669 ng/ul m
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BP000794.D
Acq: 16 Oct 2019 02:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		597838		
101	15.0	9.7	14.5#		
100	12.2	7.8	11.8#		





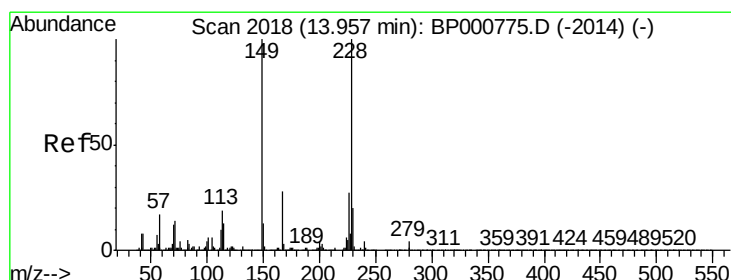
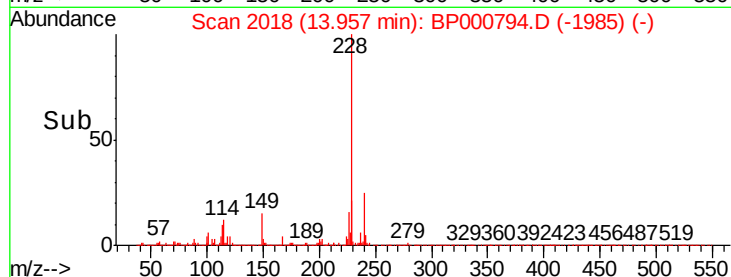
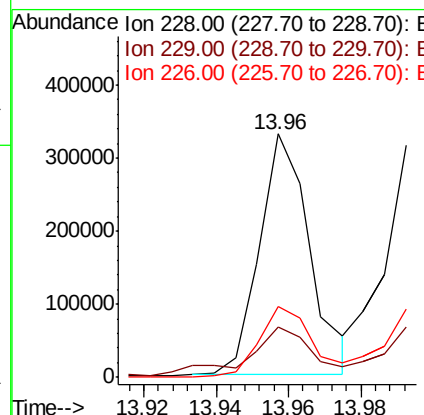
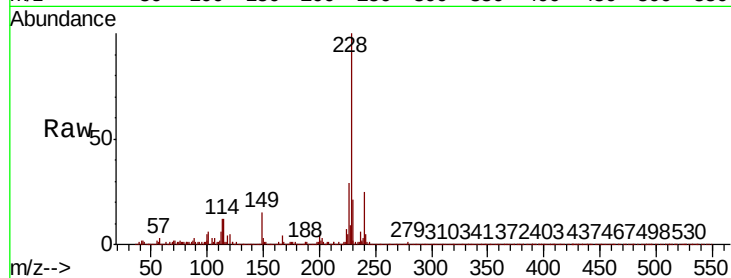
#83
Benzo(a)anthracene
Concen: 7.663 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000794.D
Acq: 16 Oct 2019 02:38

Instrument :
BNA_P
ClientSampled :
BEPJ3

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	29.3	21.8	32.8

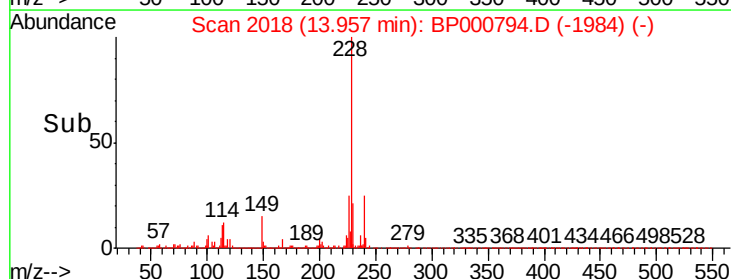
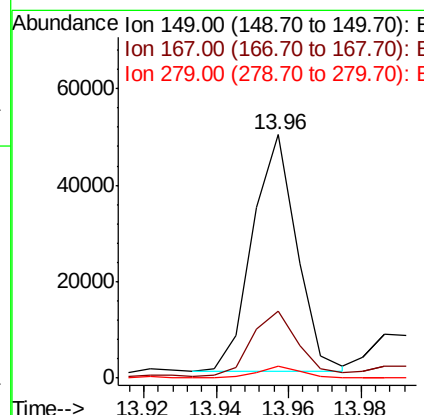
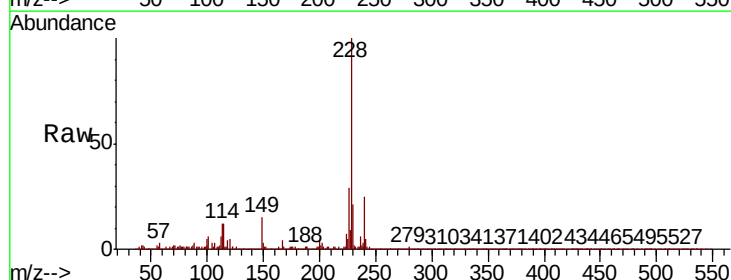
Manual Integrations
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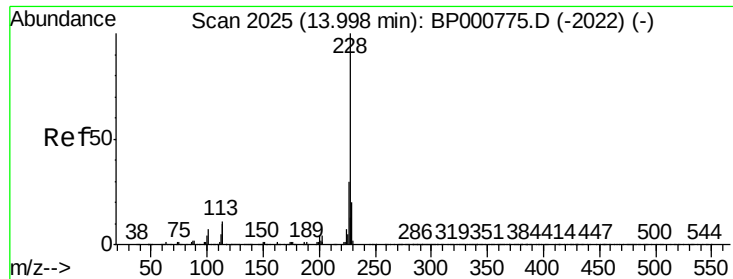
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.744 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BP000794.D
Acq: 16 Oct 2019 02:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.3	33.5
279	4.8	3.2	4.8#





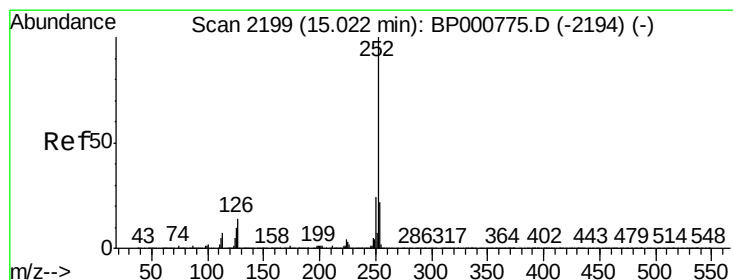
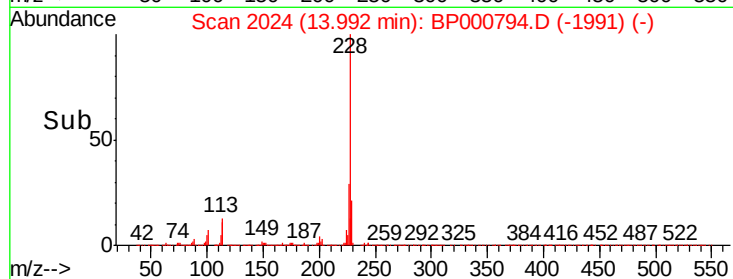
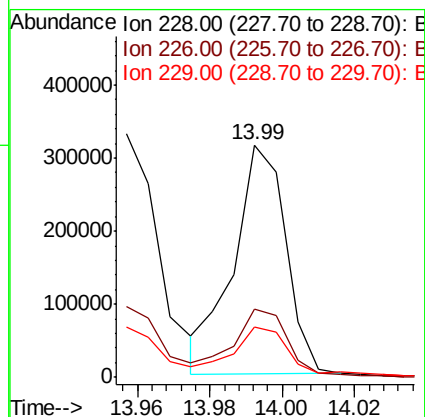
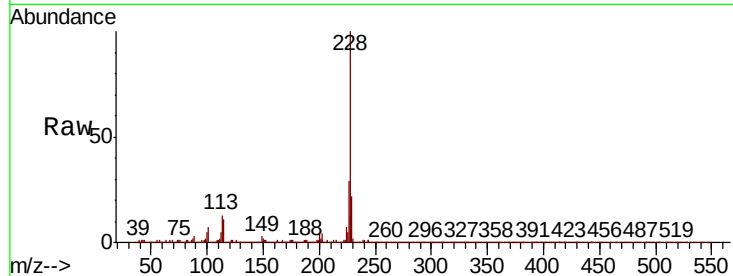
#85
Chrysene
Concen: 8.145 ng/ul
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000794.D
Acq: 16 Oct 2019 02:38

Instrument :
BNA_P
ClientSampleId :
BEPJ3

Tot Ion:	228	Resp:	313209
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.2	36.4
229	21.9	15.8	23.6

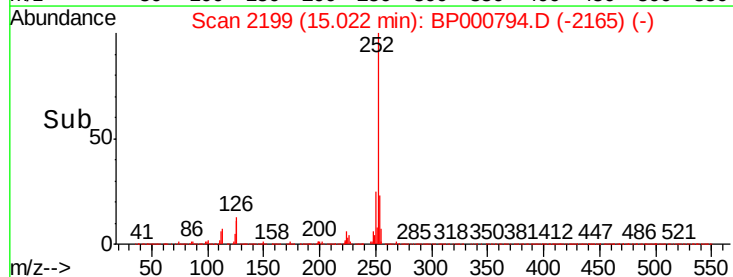
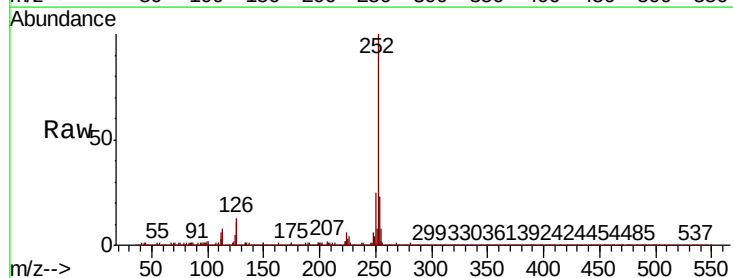
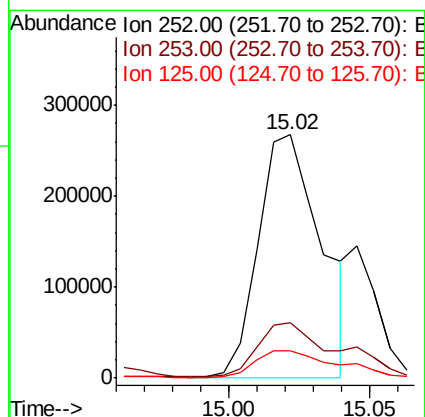
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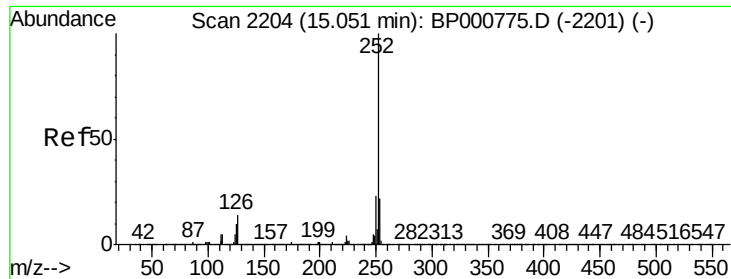
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#88
Benzo(b)fluoranthene
Concen: 10.339 ng/ul
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BP000794.D
Acq: 16 Oct 2019 02:38

Tgt Ion:	252	Resp:	413572
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.6	26.4
125	11.5	8.7	13.1





#89

Benzo(k)fluoranthene

Concen: 2.599 ng/ul

RT: 15.05 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BP000794.D

Acq: 16 Oct 2019 02:38

Instrument :

BNA_P

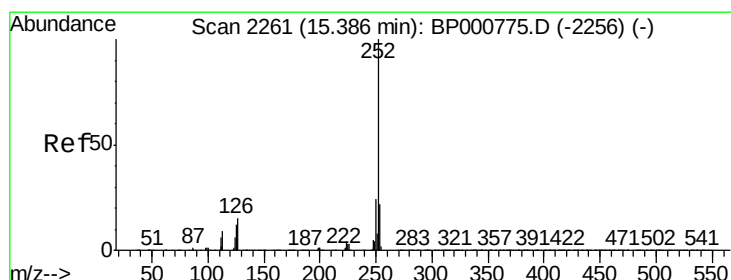
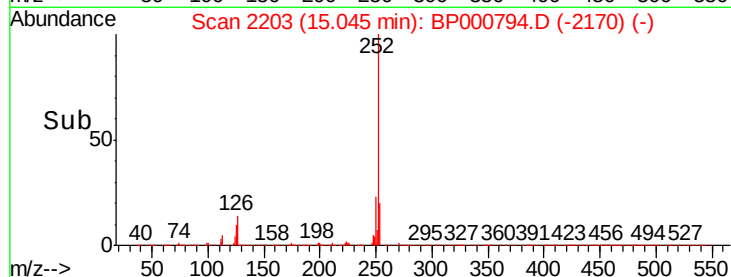
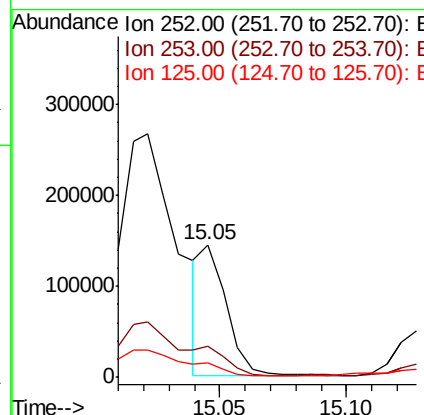
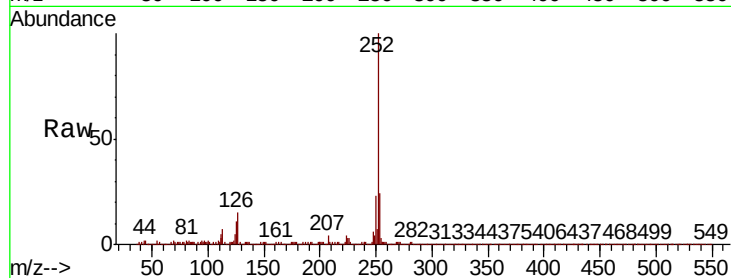
ClientSampled :

BEPJ3

Tot Ion:	252	Resp:	99022
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.8	26.6
125	10.7	8.2	12.4

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#91

Benzo(a)pyrene

Concen: 7.373 ng/ul

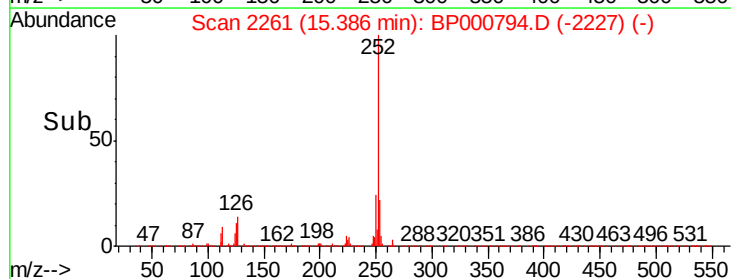
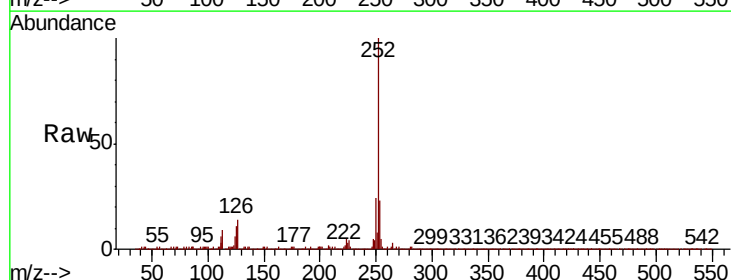
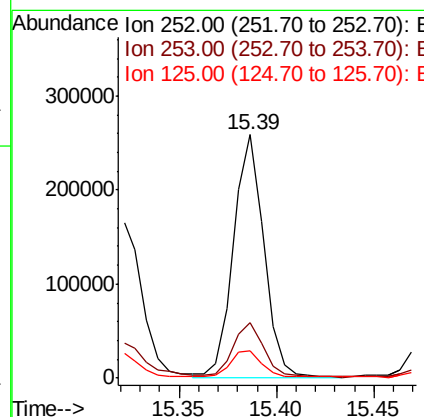
RT: 15.39 min Scan# 2261

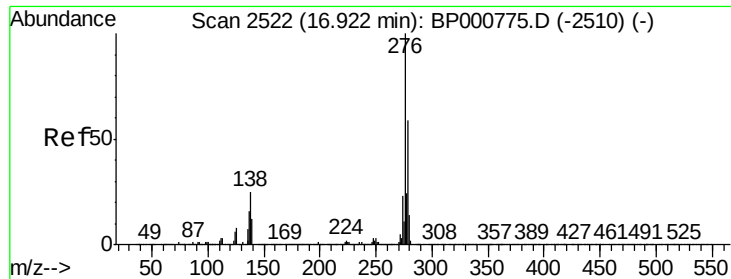
Delta R.T. 0.00 min

Lab File: BP000794.D

Acq: 16 Oct 2019 02:38

Tgt Ion:	252	Resp:	279244
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.6	26.4
125	11.2	9.7	14.5





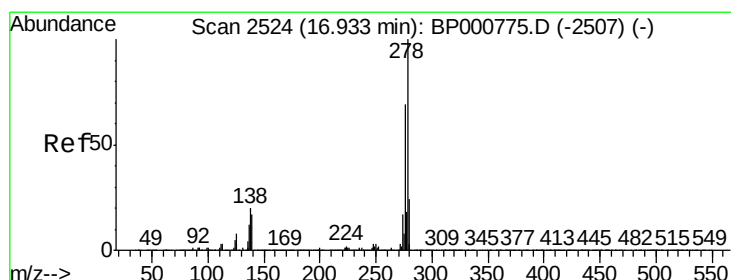
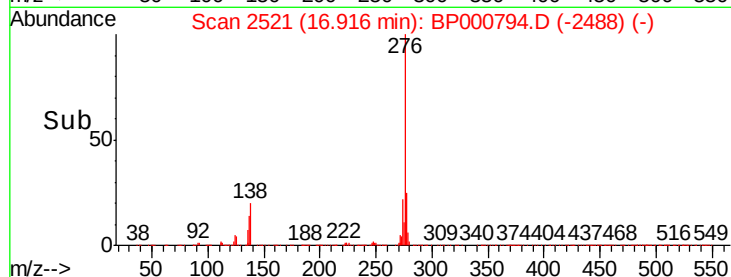
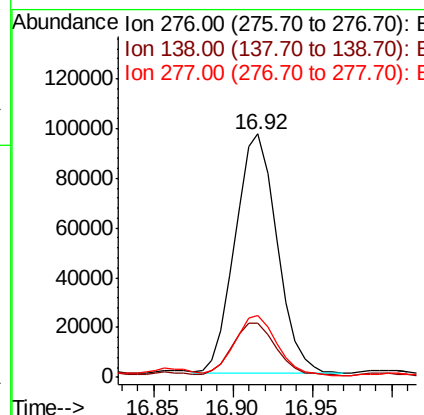
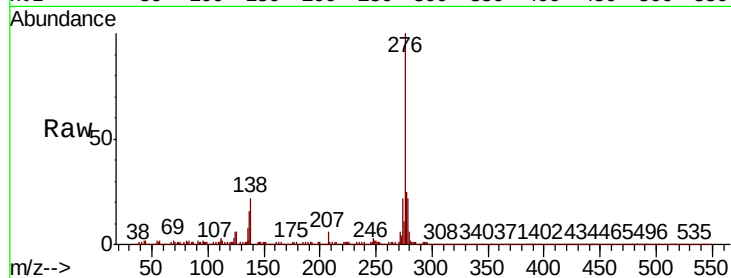
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 4.079 ng/ul
 RT: 16.92 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BP000794.D
 Acq: 16 Oct 2019 02:38

Instrument :
 BNA_P
 ClientSampleId :
 BEPJ3

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	20.0	30.0
277	25.5	19.8	29.8

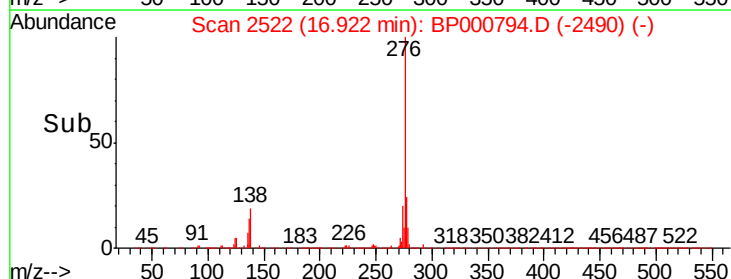
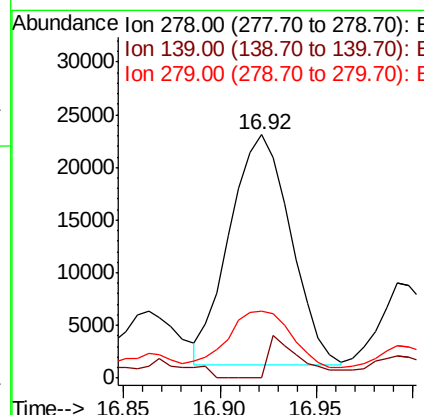
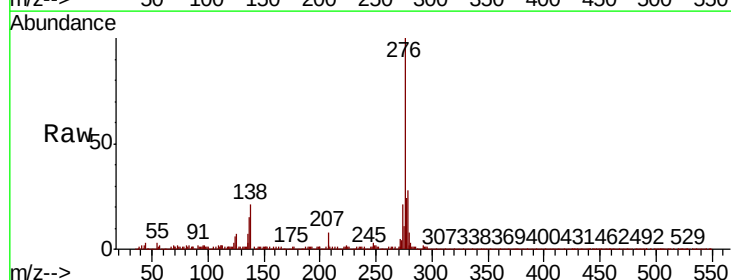
Manual Integrations
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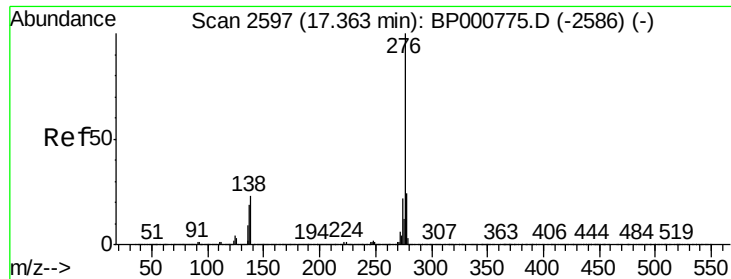
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 10/17/2019 7:59:42 AM



#93
 Dibenzo(a,h)anthracene
 Concen: 1.349 ng/ul m
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BP000794.D
 Acq: 16 Oct 2019 02:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.2	21.4#
279	27.4	19.2	28.8





#94

Benzo(a,h,i)perylene

Concen: 4.960 ng/ul

RT: 17.36 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BP000794.D

Acq: 16 Oct 2019 02:38

Instrument :

BNA_P

ClientSampleId :

BEPJ3

Tot Ion:	276	Resp:	179288
Ion Ratio		Lower	Upper
276	100		
138	21.8	18.4	27.6
277	24.1	19.4	29.0

Manual Integrations
APPROVED

mohammad
10/17/2019 7:59:42 AM

