

Data File : BP000779.D
Acq On : 15 Oct 2019 20:35
Operator : JU
Sample : K5178-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPE7

Quant Time: Oct 16 05:15:15 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	209607	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	797247	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	449827	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	826255	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	662559	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	677294	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	2.36	96	19580	3.87	ng/uL	0.00
5) Phenol-d5	6.39	99	329082	20.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	177781	21.99	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	290800	21.35	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	230443	18.66	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	140455	23.18	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	151771	23.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	262421	21.25	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	298578	21.74	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	764948	24.29	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	914212	23.60	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	72510	14.95	ng/ul	0.00
58) Fluorene-d10	10.32	176	648326	24.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	59954	15.24	ng/ul	0.00
71) Anthracene-d10	11.35	188	908487	23.74	ng/ul	0.00
79) Pyrene-d10	12.73	212	993405	26.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	856154	25.60	ng/ul	0.00

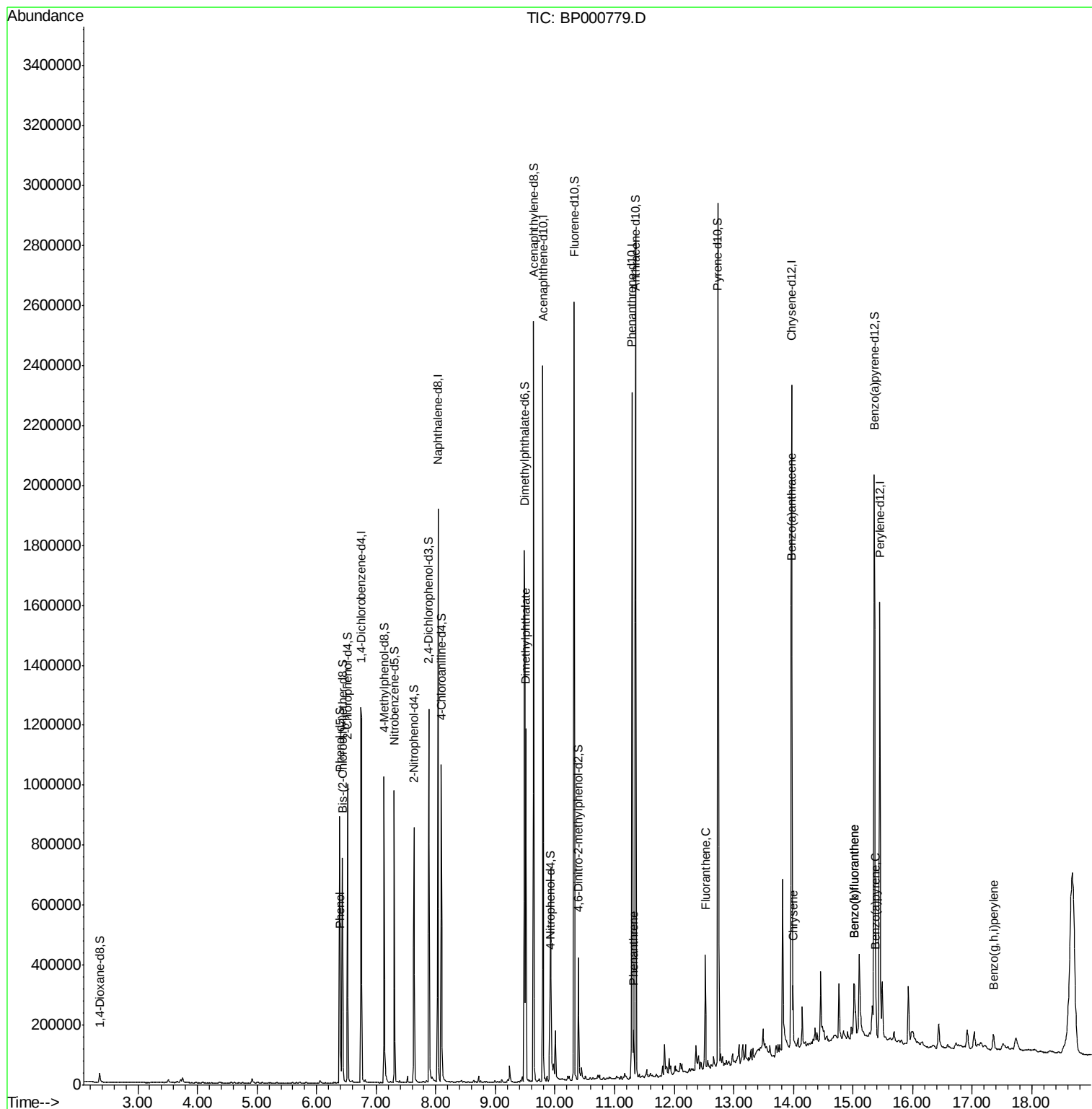
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.40	94	42543	2.610	ng/ul	97
45) Dimethylphthalate	9.51	163	429737	13.696	ng/ul	100
70) Phenanthrene	11.32	178	55263	1.227	ng/ul	100
77) Fluoranthene	12.52	202	136733	2.963	ng/ul	99
83) Benzo(a)anthracene	13.96	228	70460	1.585	ng/ul	94
85) Chrysene	13.99	228	70533	1.706	ng/ul	97
88) Benzo(b)fluoranthene	15.02	252	94491	2.338	ng/ul	98
89) Benzo(k)fluoranthene	15.02	252	94627	2.459	ng/ul	98
91) Benzo(a)pyrene	15.39	252	60542	1.582	ng/ul	97
94) Benzo(g,h,i)perylene	17.36	276	42842	1.173	ng/ul	98

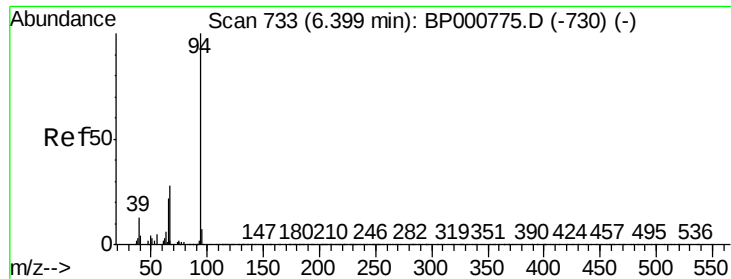
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.610 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

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Acq: 15 Oct 2019 20:35

Instrument :

BNA_P

ClientSampleId :

BEPE7

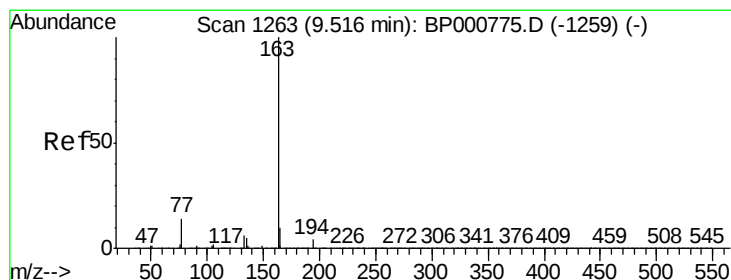
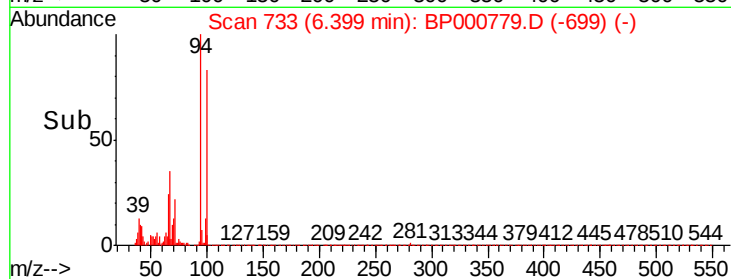
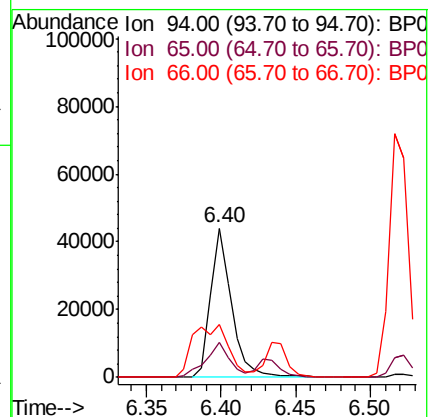
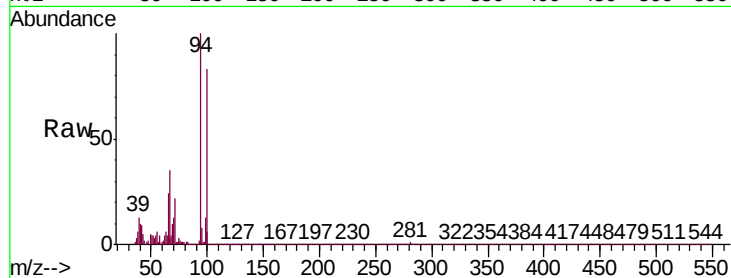
Tgt Ion: 94 Resp: 42543

Ion Ratio Lower Upper

94 100

65 23.8 19.2 28.8

66 35.0 25.7 38.5



#45

Dimethylphthalate

Concen: 13.696 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000779.D

Acq: 15 Oct 2019 20:35

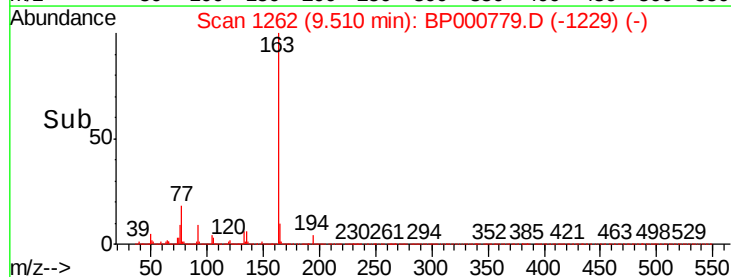
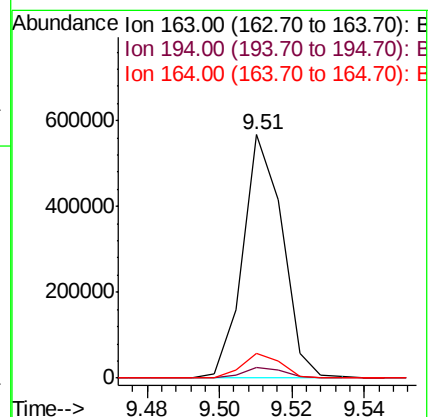
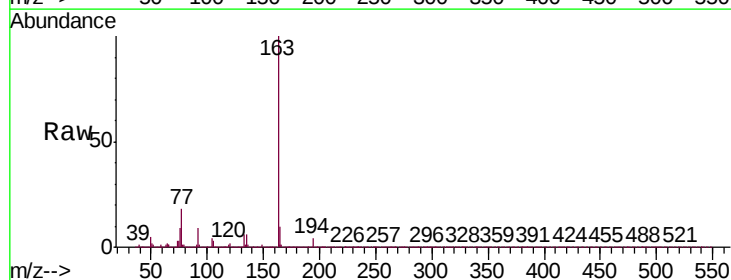
Tgt Ion: 163 Resp: 429737

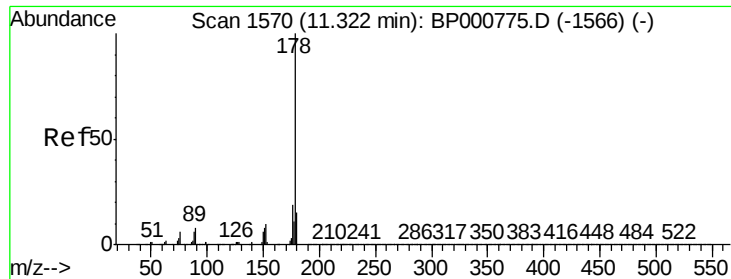
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.3 8.1 12.1





#70

Phenanthrene

Concen: 1.227 ng/ul

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

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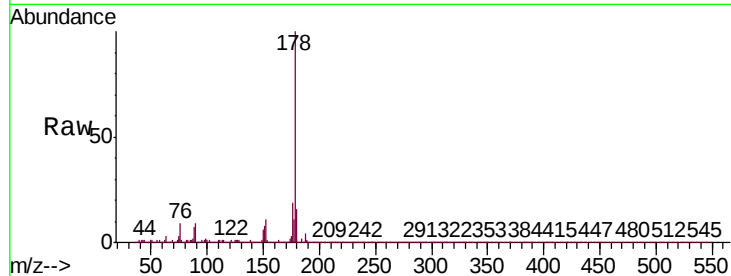
Tgt Ion:178 Resp: 55263

Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

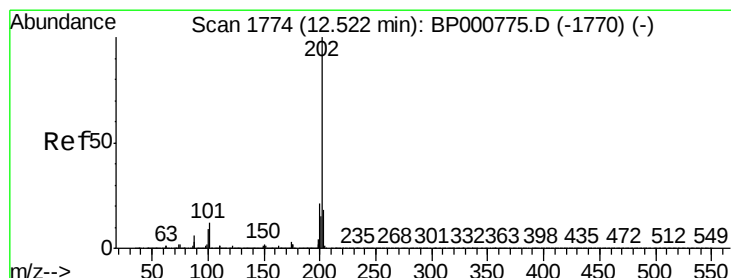
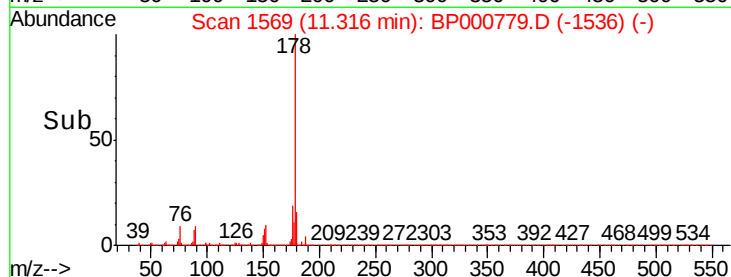
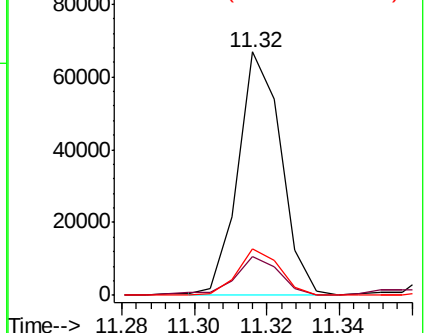
176 19.1 15.4 23.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 2.963 ng/ul

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BP000779.D

Acq: 15 Oct 2019 20:35

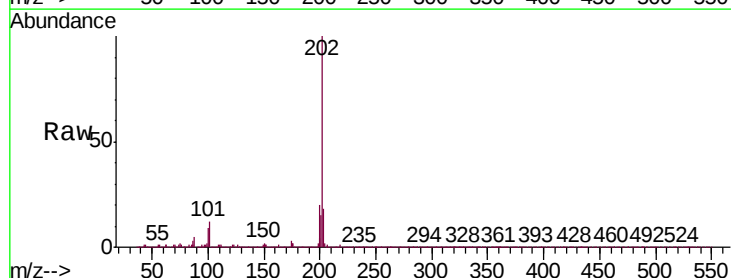
Tgt Ion:202 Resp: 136733

Ion Ratio Lower Upper

202 100

101 12.0 9.8 14.6

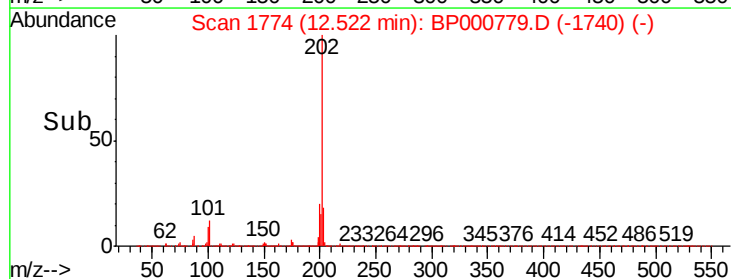
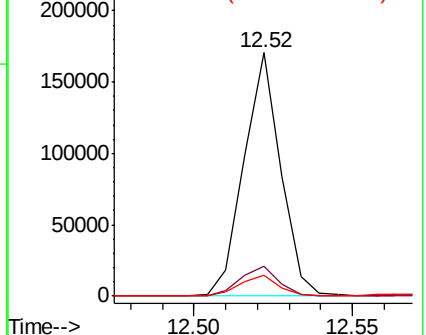
100 8.6 7.2 10.8

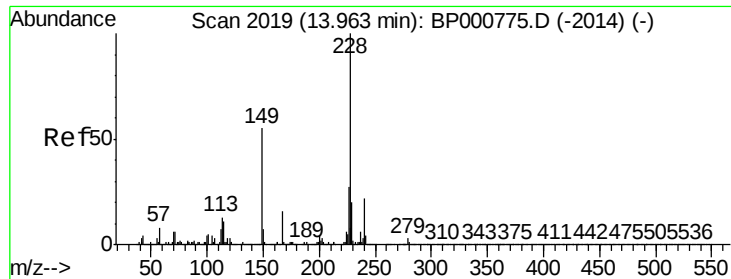


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

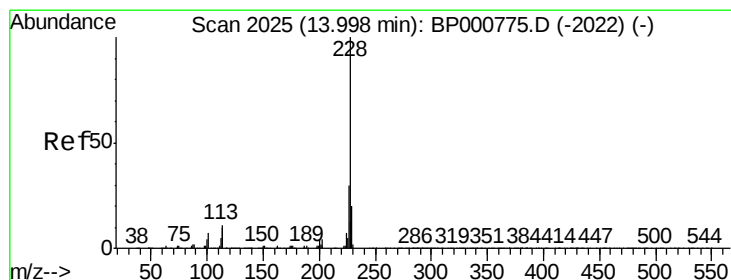
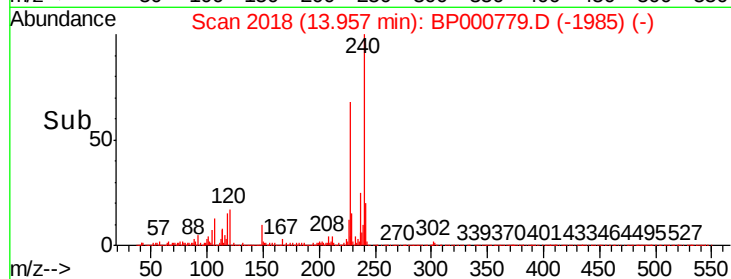
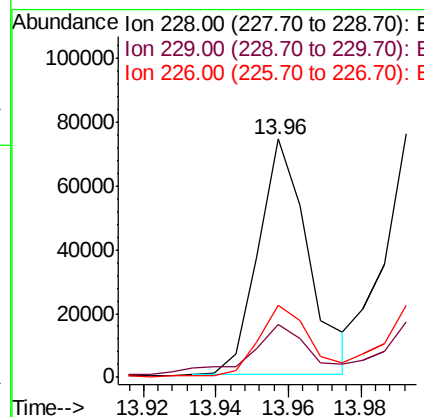
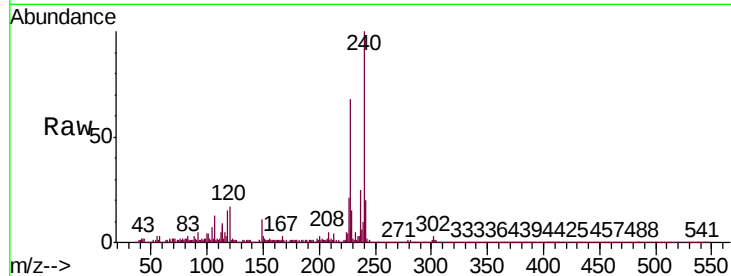




#83
Benzo(a)anthracene
Concen: 1.585 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000779.D
Acq: 15 Oct 2019 20:35

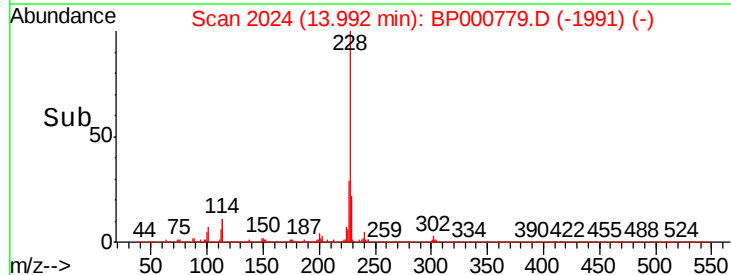
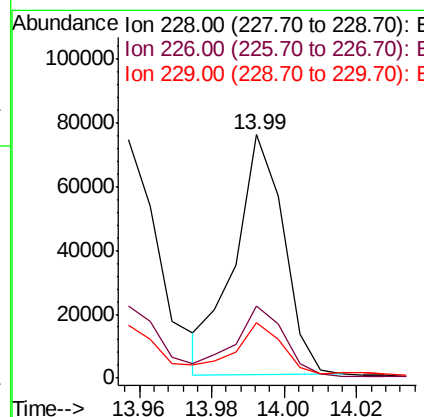
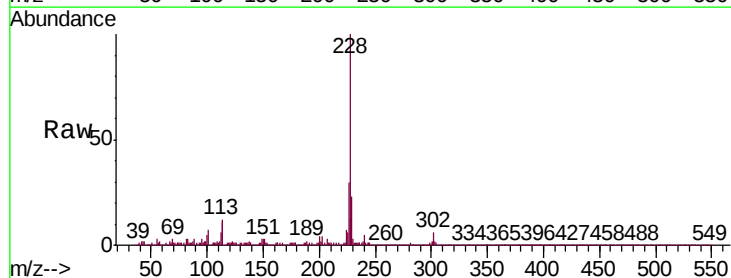
Instrument :
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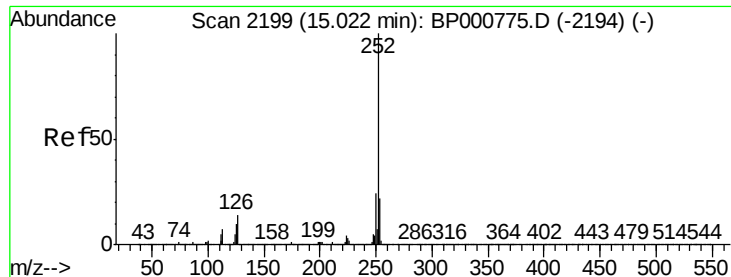
Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.6	23.4
226	30.2	21.8	32.8



#85
Chrysene
Concen: 1.706 ng/ul
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000779.D
Acq: 15 Oct 2019 20:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.4
229	22.6	15.8	23.6





#88

Benzo(b)fluoranthene

Concen: 2.338 ng/ul

RT: 15.02 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BP000779.D

Acq: 15 Oct 2019 20:35

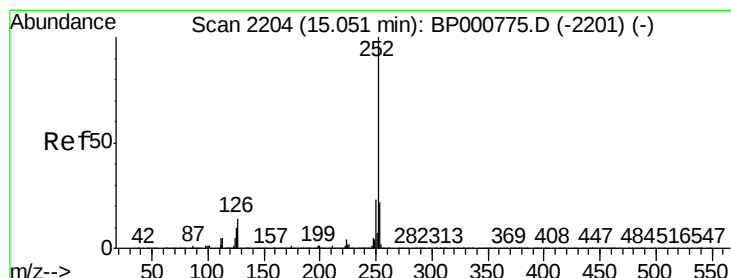
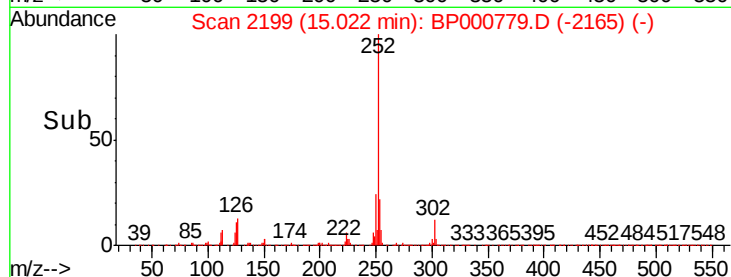
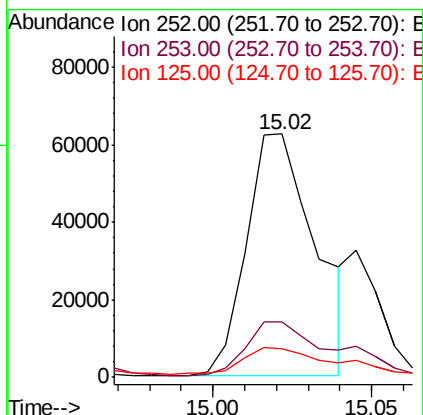
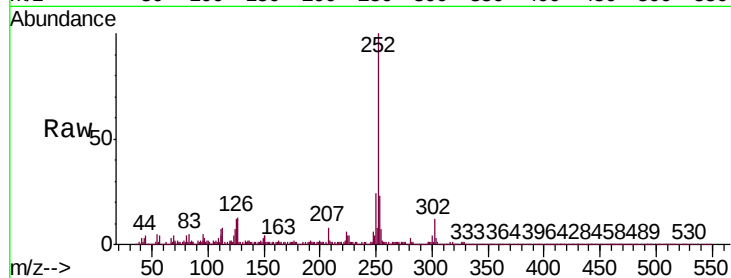
Instrument :

BNA_P

ClientSampleId :

BEPE7

Tgt Ion:	252	Resp:	94491
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	12.0	8.7	13.1



#89

Benzo(k)fluoranthene

Concen: 2.459 ng/ul

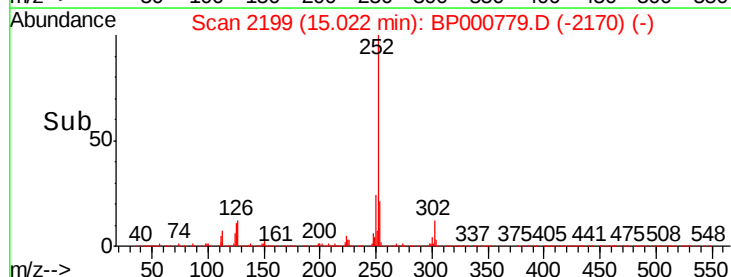
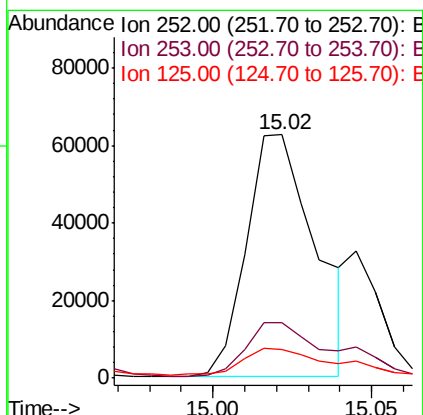
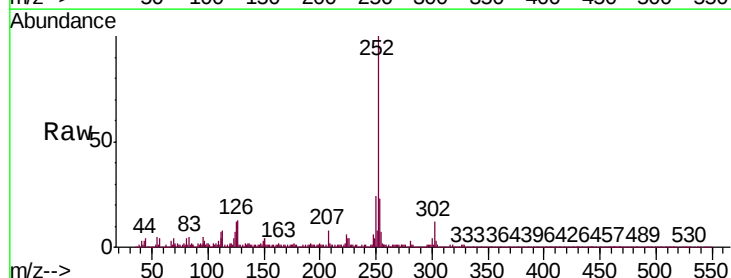
RT: 15.02 min Scan# 2199

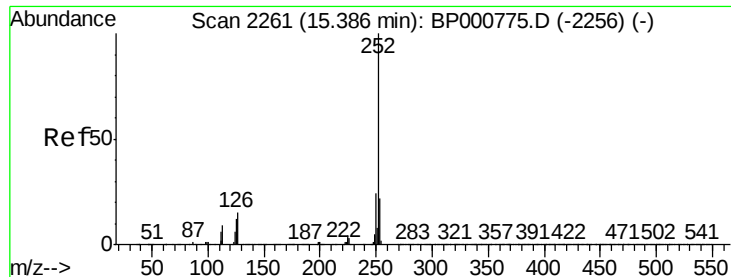
Delta R.T. -0.03 min

Lab File: BP000779.D

Acq: 15 Oct 2019 20:35

Tgt Ion:	252	Resp:	94627
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	12.0	8.2	12.4





#91

Benzo(a)pyrene

Concen: 1.582 ng/ul

RT: 15.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BP000779.D

Acq: 15 Oct 2019 20:35

Instrument :

BNA_P

ClientSampleId :

BEPE7

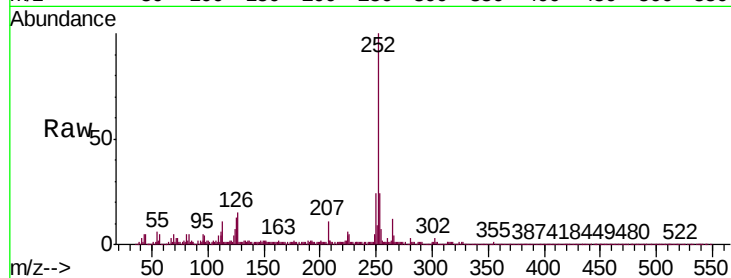
Tgt Ion:252 Resp: 60542

Ion Ratio Lower Upper

252 100

253 23.8 17.6 26.4

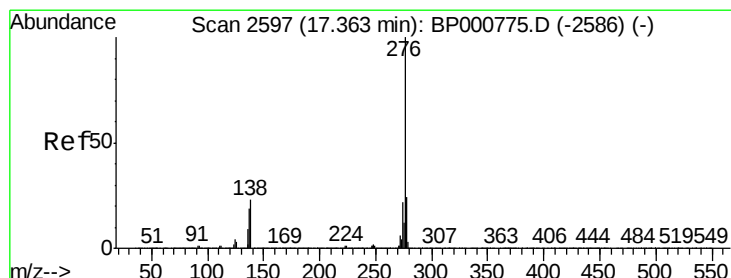
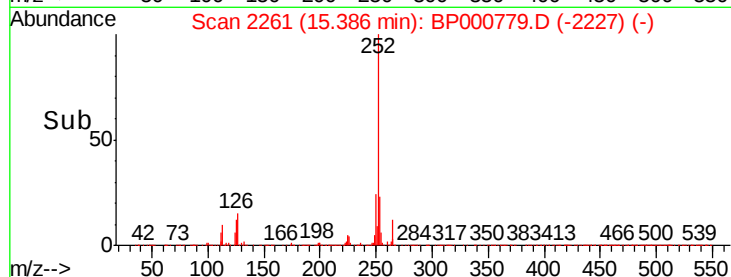
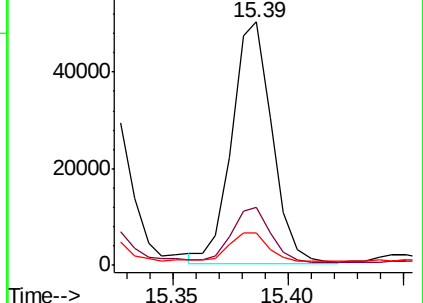
125 13.2 9.7 14.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#94

Benzo(g,h,i)perylene

Concen: 1.173 ng/ul

RT: 17.36 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BP000779.D

Acq: 15 Oct 2019 20:35

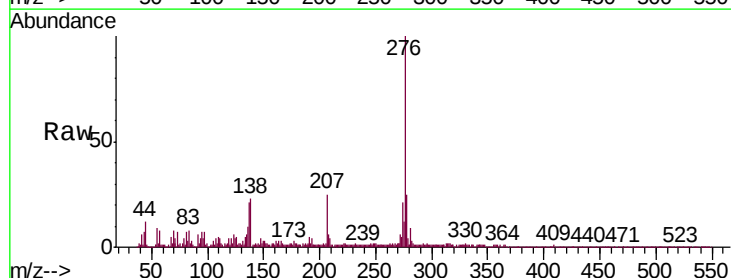
Tgt Ion:276 Resp: 42842

Ion Ratio Lower Upper

276 100

138 22.7 18.4 27.6

277 25.4 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

