

Data File : BP000777.D
Acq On : 15 Oct 2019 19:47
Operator : JU
Sample : K5178-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPD1

Quant Time: Oct 16 05:14:34 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	220127	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	831943	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	458436	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	811308	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	607671	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	653130	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.38	96	20761	3.91	ng/uL	0.02
5) Phenol-d5	6.39	99	355140	20.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	186797	22.00	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	309663	21.65	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	248142	19.13	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	146579	23.18	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	159562	23.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	282296	21.90	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	293217	20.46	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	785403	24.47	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	925647	23.45	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	81594	16.51	ng/ul	0.00
58) Fluorene-d10	10.32	176	655722	23.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	58238	15.07	ng/ul	0.00
71) Anthracene-d10	11.35	188	901976	24.00	ng/ul	0.00
79) Pyrene-d10	12.73	212	925694	26.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	824514	25.57	ng/ul	0.00

Target Compounds

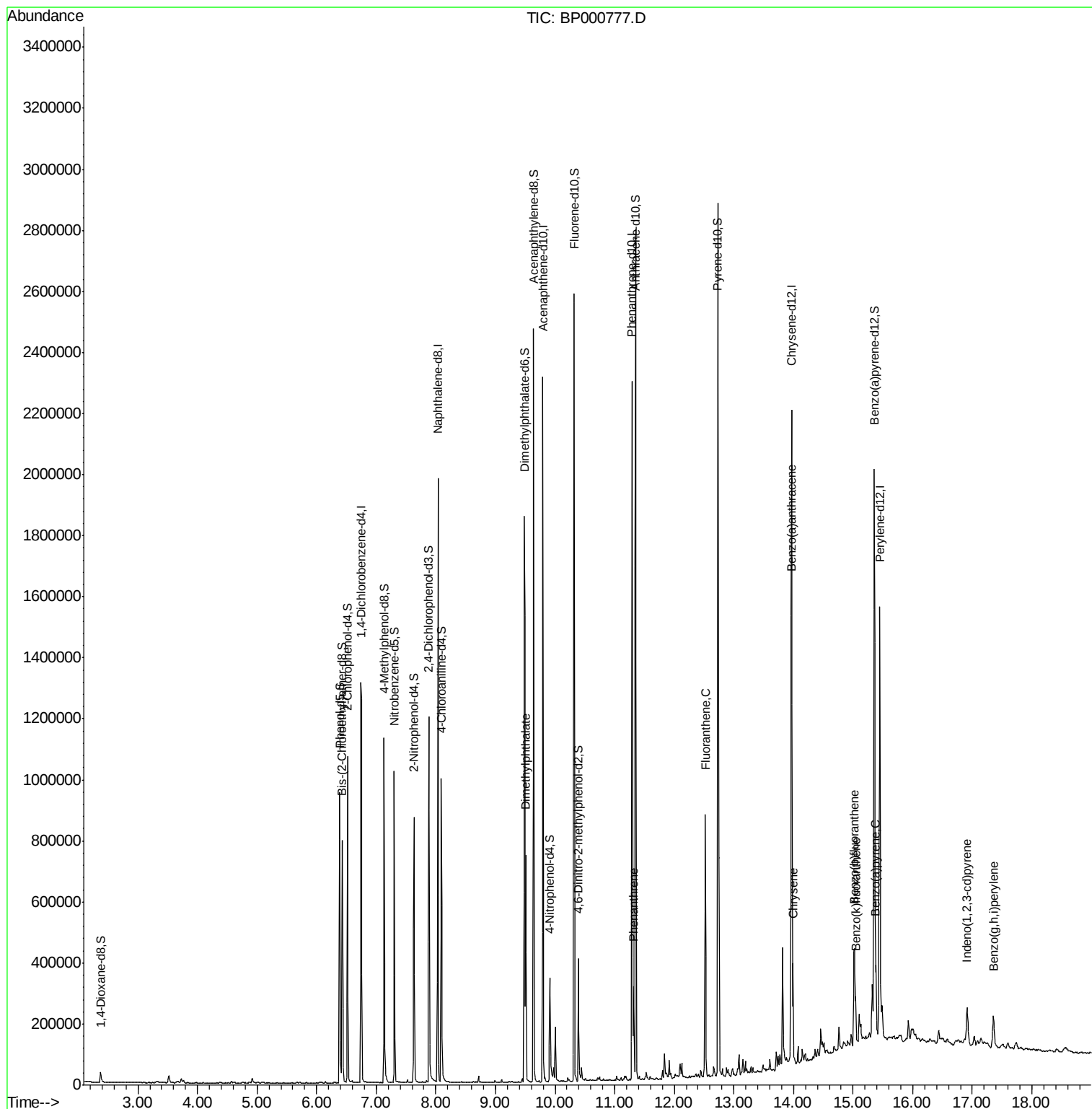
						Qvalue
45) Dimethylphthalate	9.51	163	266441	8.332	ng/ul	99
70) Phenanthrene	11.32	178	103348	2.337	ng/ul	99
77) Fluoranthene	12.52	202	311806	6.882	ng/ul	98
83) Benzo(a)anthracene	13.96	228	107652	2.640	ng/ul	99
85) Chrysene	13.99	228	116674	3.078	ng/ul	97
88) Benzo(b)fluoranthene	15.02	252	181368	4.654	ng/ul	98
89) Benzo(k)fluoranthene	15.05	252	48116	1.297	ng/ul	96
91) Benzo(a)pyrene	15.39	252	109694	2.973	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	16.92	276	81411	1.925	ng/ul	98
94) Benzo(g,h,i)perylene	17.36	276	84363	2.396	ng/ul	98

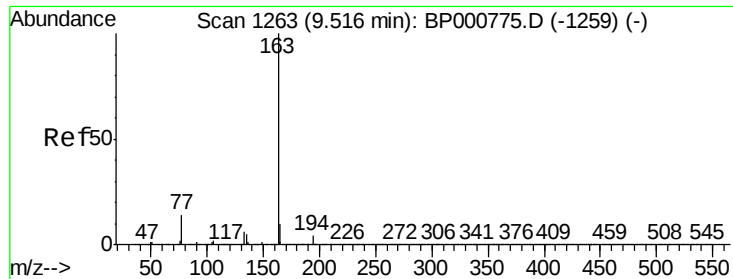
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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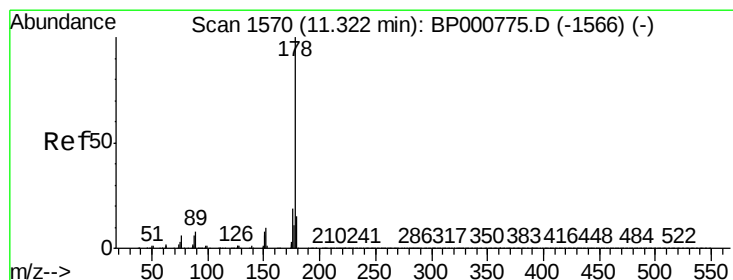
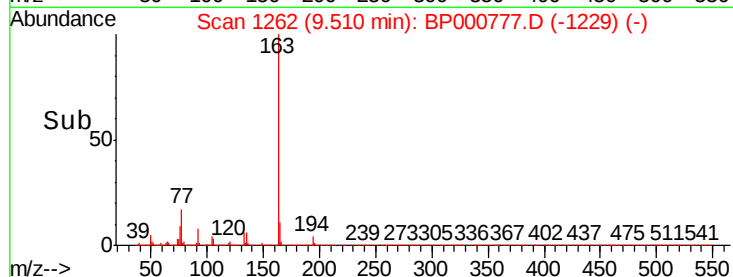
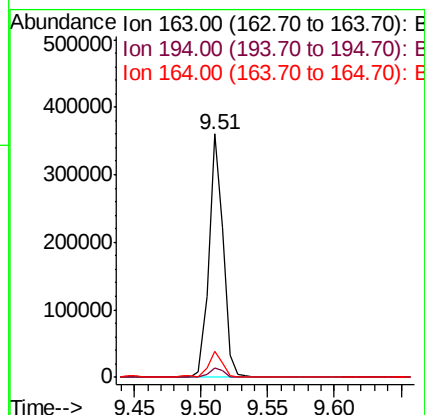
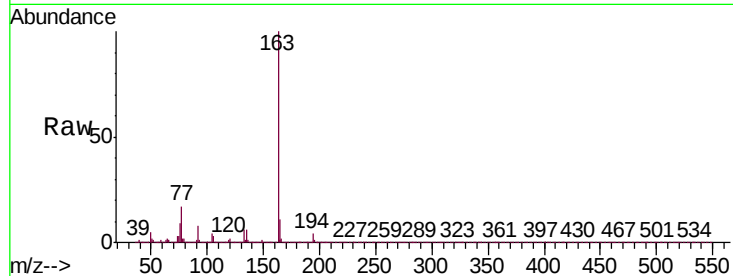




#45
Dimethylphthalate
Concen: 8.332 ng/ul
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BP000777.D
Acq: 15 Oct 2019 19:47

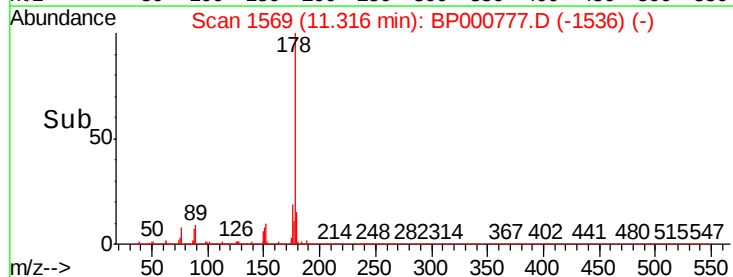
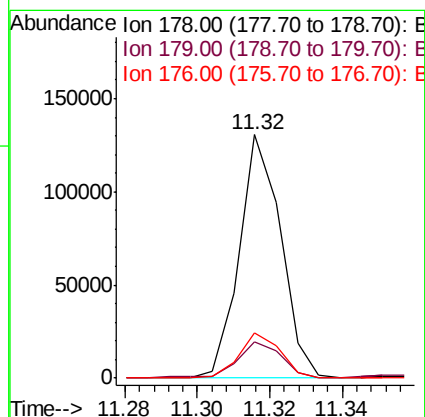
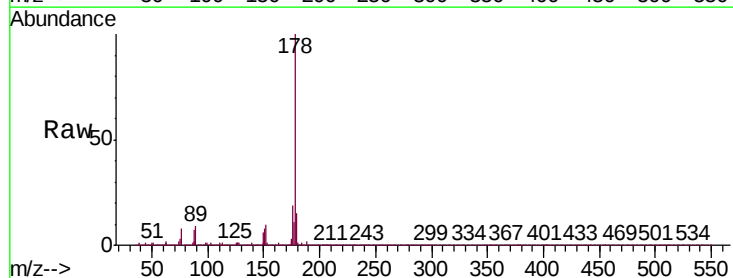
Instrument :
BNA_P
ClientSampleId :
BEPD1

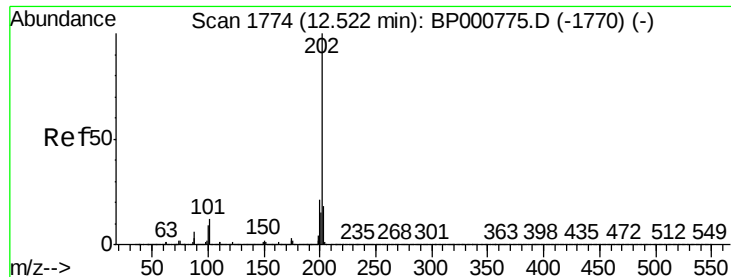
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.6	8.1	12.1



#70
Phenanthrene
Concen: 2.337 ng/ul
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BP000777.D
Acq: 15 Oct 2019 19:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.5	18.7
176	18.7	15.4	23.2





#77

Fluoranthene

Concen: 6.882 ng/ul

RT: 12.52 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BP000777.D

Acq: 15 Oct 2019 19:47

Instrument :

BNA_P

ClientSampleId :

BEPD1

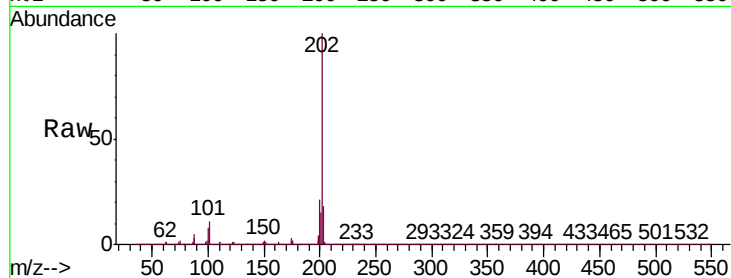
Tgt Ion:202 Resp: 311806

Ion Ratio Lower Upper

202 100

101 11.5 9.8 14.6

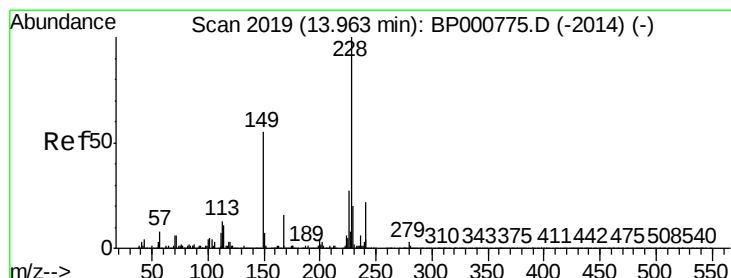
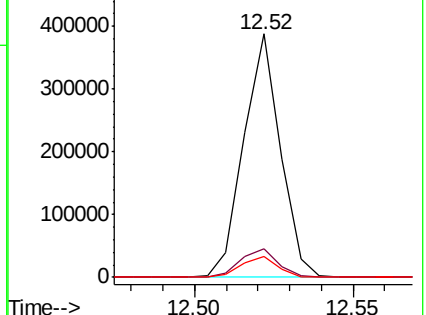
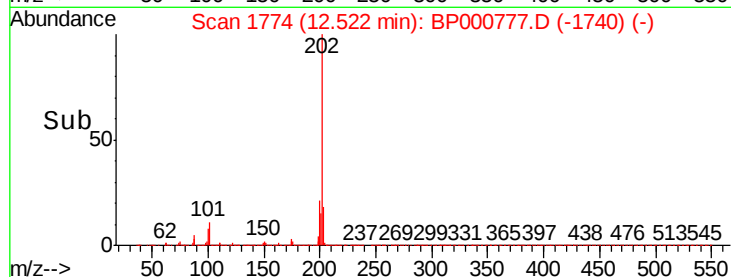
100 8.4 7.2 10.8



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): BF



#83

Benzo(a)anthracene

Concen: 2.640 ng/ul

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BP000777.D

Acq: 15 Oct 2019 19:47

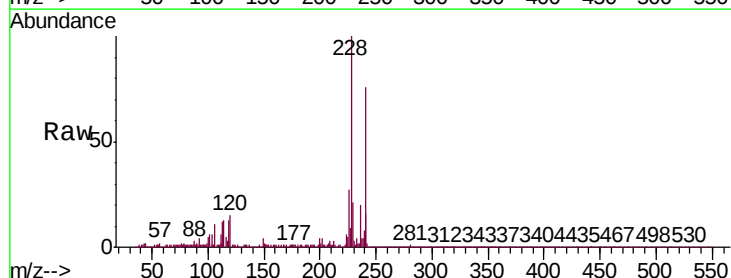
Tgt Ion:228 Resp: 107652

Ion Ratio Lower Upper

228 100

229 20.6 15.6 23.4

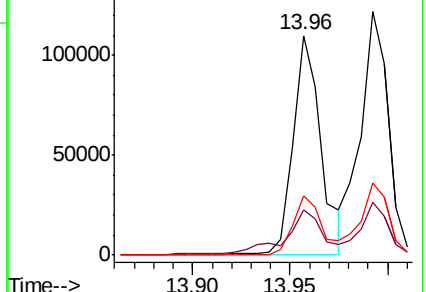
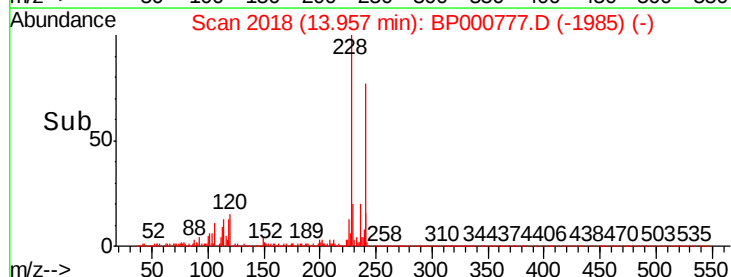
226 27.1 21.8 32.8

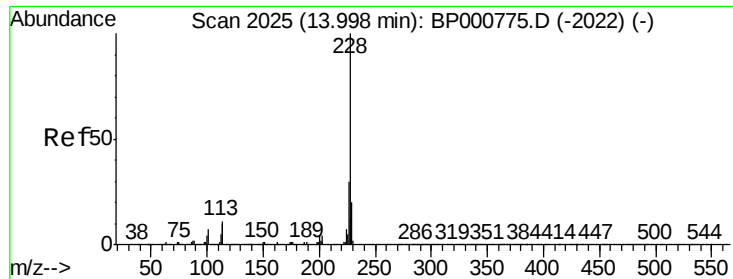


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

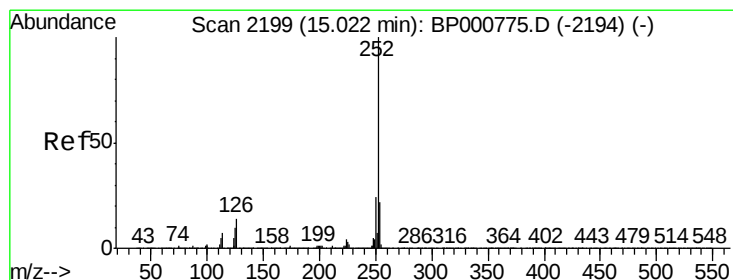
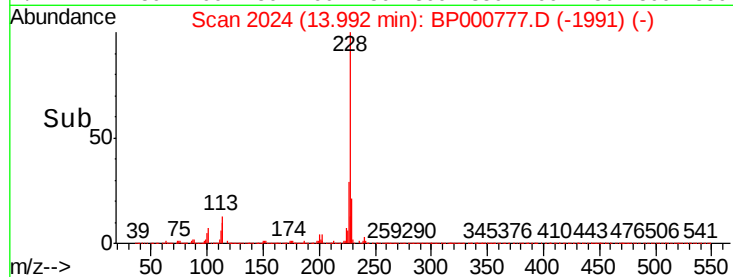
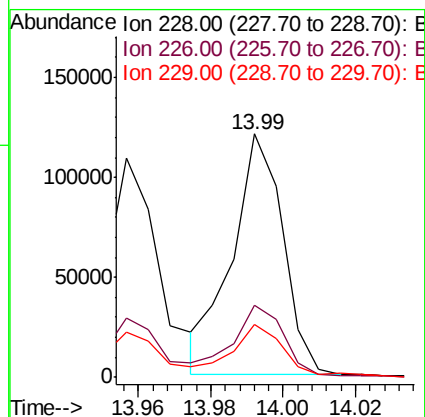
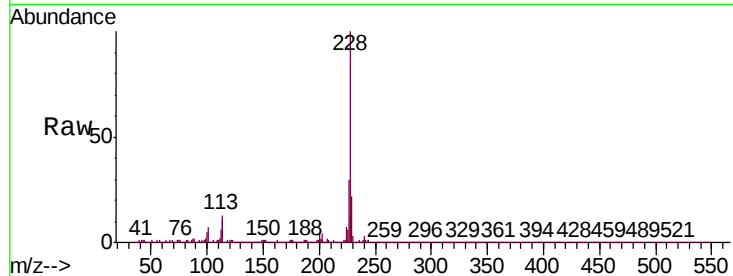




#85
Chrysene
Concen: 3.078 ng/ul
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000777.D
Acq: 15 Oct 2019 19:47

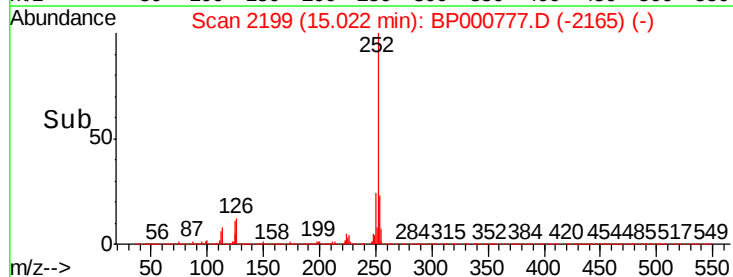
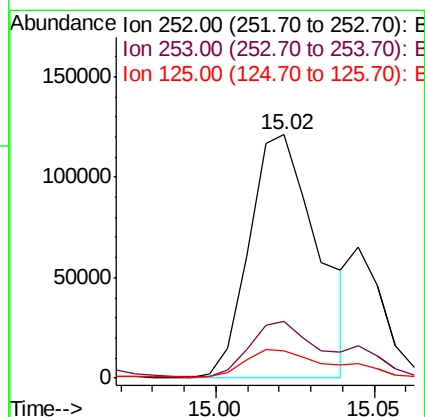
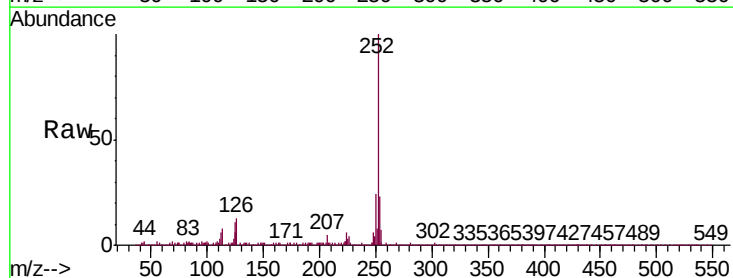
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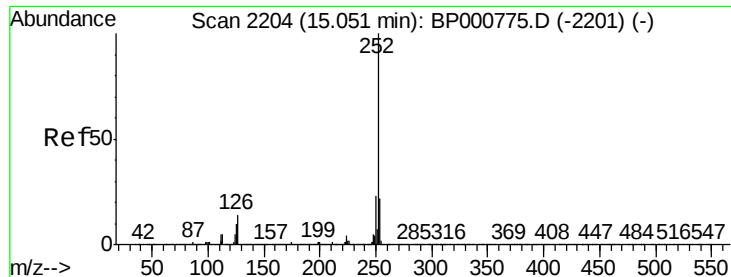
Tgt Ion:	228	Resp:	116674
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.4
229	21.9	15.8	23.6



#88
Benzo(b)fluoranthene
Concen: 4.654 ng/ul
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BP000777.D
Acq: 15 Oct 2019 19:47

Tgt Ion:	252	Resp:	181368
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	11.2	8.7	13.1





#89

Benzo(k)fluoranthene

Concen: 1.297 ng/ul

RT: 15.05 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BP000777.D

Acq: 15 Oct 2019 19:47

Instrument :

BNA_P

ClientSampleId :

BEPD1

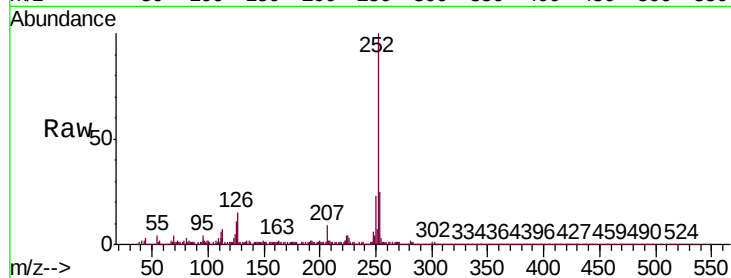
Tgt Ion:252 Resp: 48116

Ion Ratio Lower Upper

252 100

253 24.6 17.8 26.6

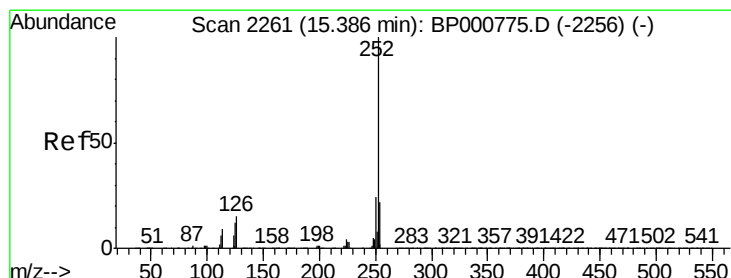
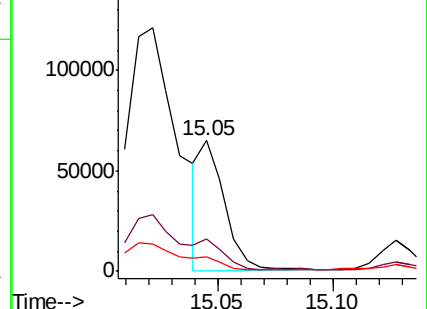
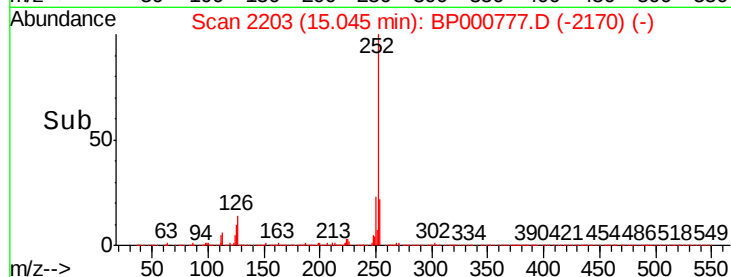
125 10.9 8.2 12.4



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



#91

Benzo(a)pyrene

Concen: 2.973 ng/ul

RT: 15.39 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BP000777.D

Acq: 15 Oct 2019 19:47

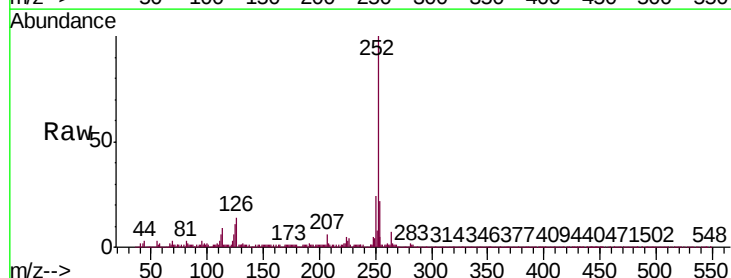
Tgt Ion:252 Resp: 109694

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

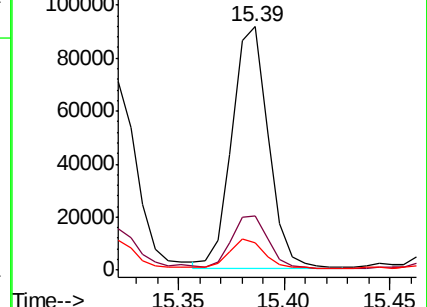
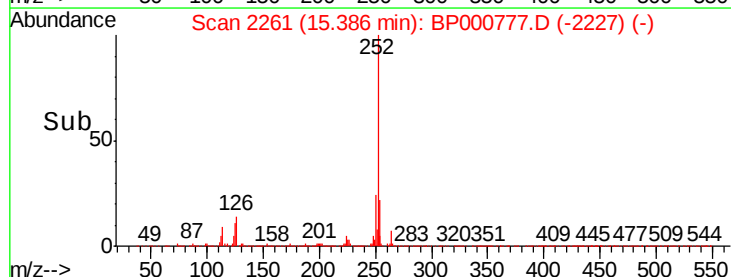
125 11.4 9.7 14.5

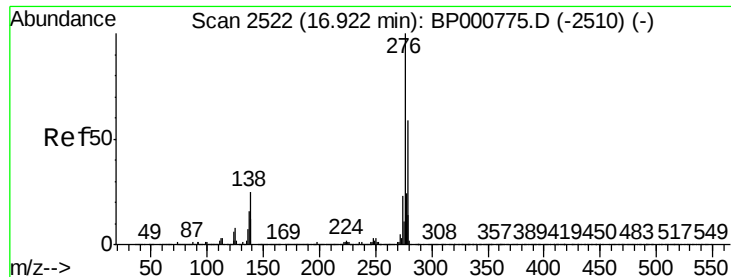


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



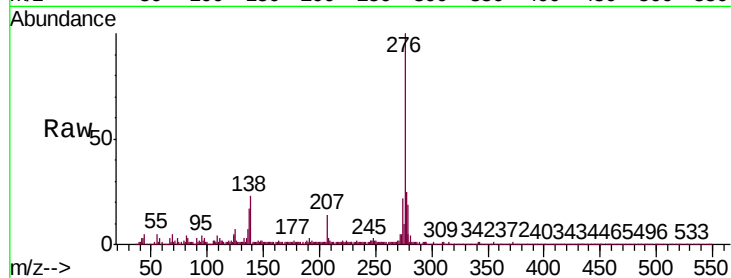


#92

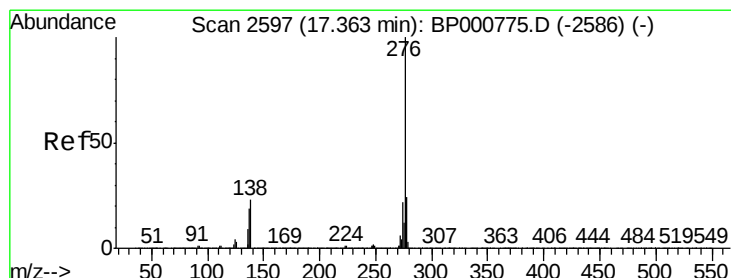
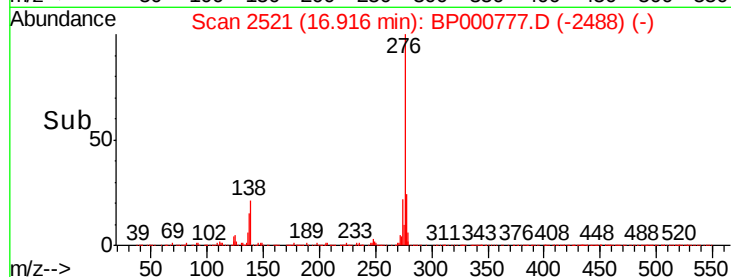
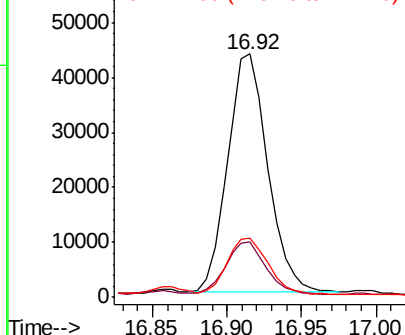
Indeno(1,2,3-cd)pyrene
Concen: 1.925 ng/ul
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BP000777.D
Acq: 15 Oct 2019 19:47

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Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	20.0	30.0
277	24.6	19.8	29.8



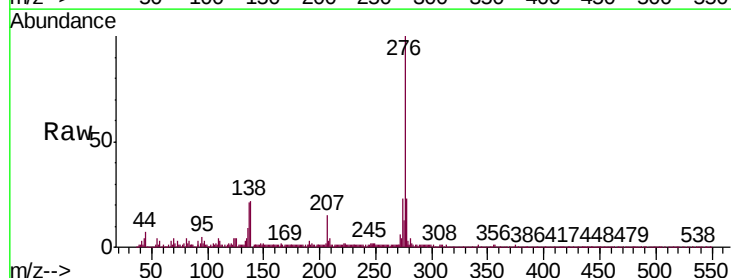
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#94

Benzo(g,h,i)perylene
Concen: 2.396 ng/ul
RT: 17.36 min Scan# 2596
Delta R.T. -0.01 min
Lab File: BP000777.D
Acq: 15 Oct 2019 19:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	18.4	27.6
277	23.0	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

