

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101219\
 Data File : BP000668.D
 Acq On : 12 Oct 2019 15:31
 Operator : JU
 Sample : K5199-22
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEPH2

Quant Time: Oct 12 21:47:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 09 17:20:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	205547	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	795045	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	443406	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	822833	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	732981	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	807420	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.36	96	25916	5.23	ng/uL	-0.01
5) Phenol-d5	6.38	99	431656	27.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	226088	28.52	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	367911	27.54	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	324863	26.82	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	172650	28.57	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	184175	28.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	330004	26.79	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	377443	27.55	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	921839	29.70	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	1088976	28.52	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	113290	23.70	ng/ul	0.00
58) Fluorene-d10	10.32	176	797182	30.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	86768	22.14	ng/ul	0.00
71) Anthracene-d10	11.35	188	1121142	29.42	ng/ul	0.00
79) Pyrene-d10	12.73	212	1235069	29.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	1218842	30.58	ng/ul	0.00

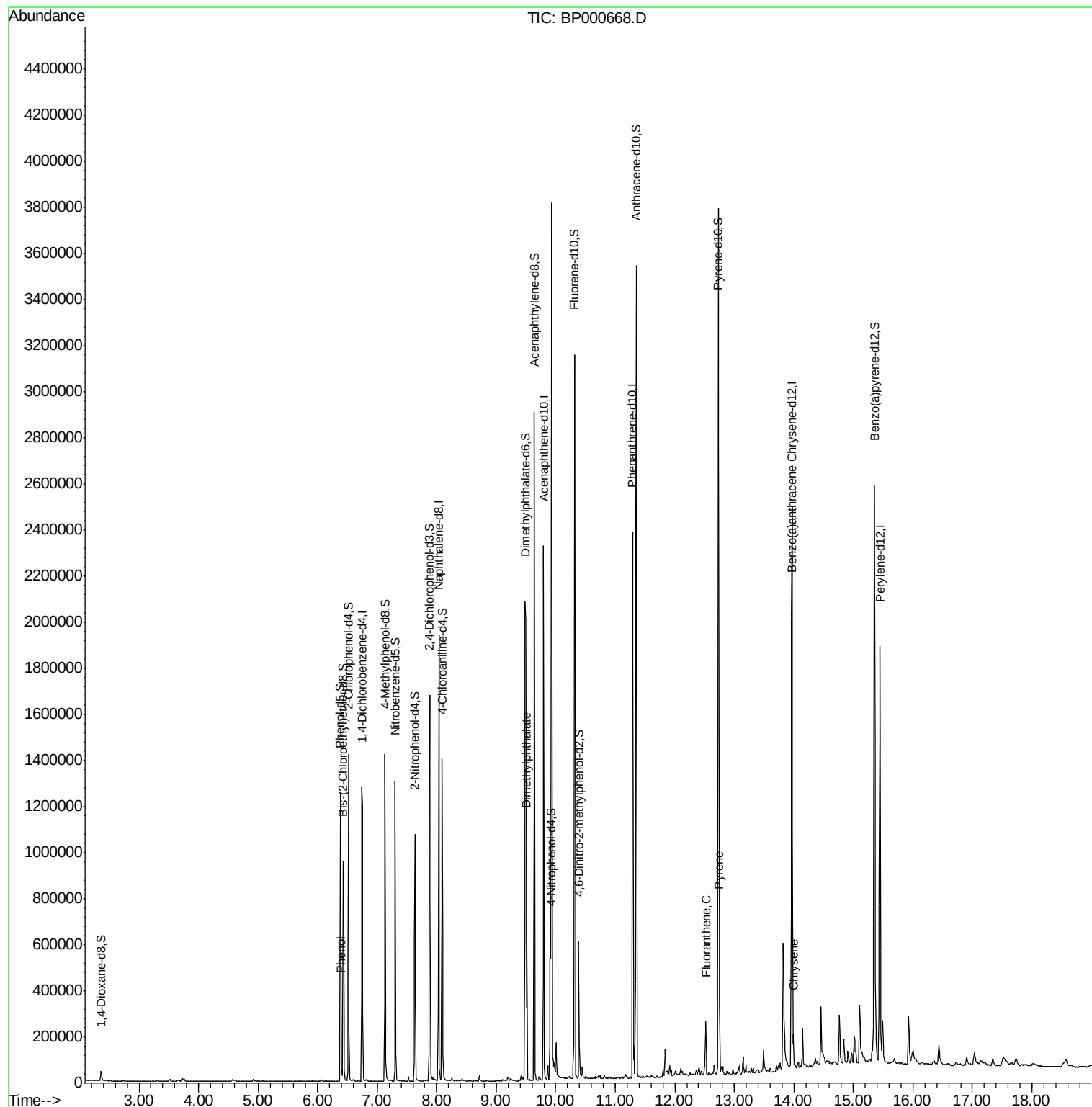
Target Compounds				Ovalue		
6) Phenol	6.40	94	25678	1.606	ng/ul	98
45) Dimethylphthalate	9.51	163	342323	11.068	ng/ul	99
77) Fluoranthene	12.52	202	89892	1.956	ng/ul	99
80) Pyrene	12.75	202	93530	1.798	ng/ul	97
83) Benzo(a)anthracene	13.96	228	52364	1.064	ng/ul	94
85) Chrysene	13.99	228	49279	1.078	ng/ul	97

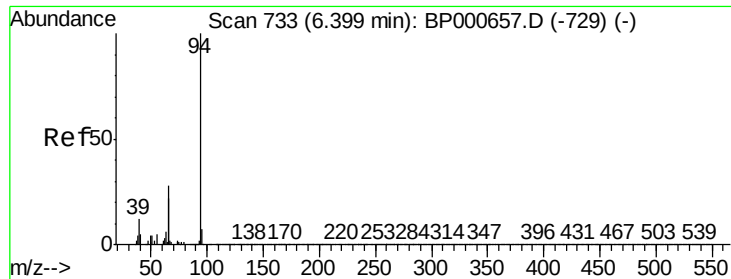
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.606 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BP000668.D

Acq: 12 Oct 2019 15:31

Instrument :

BNA_P

ClientSampleId :

BEPH2

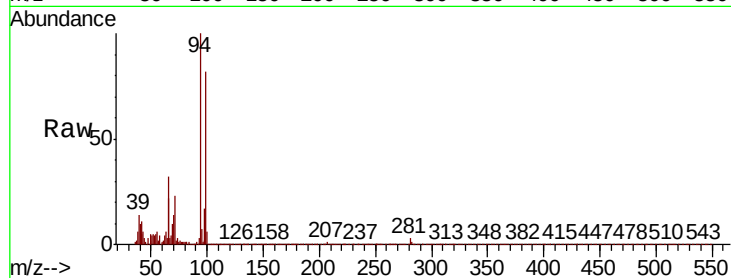
Tot Ion: 94 Resp: 25678

Ion Ratio Lower Upper

94 100

65 22.4 19.2 28.8

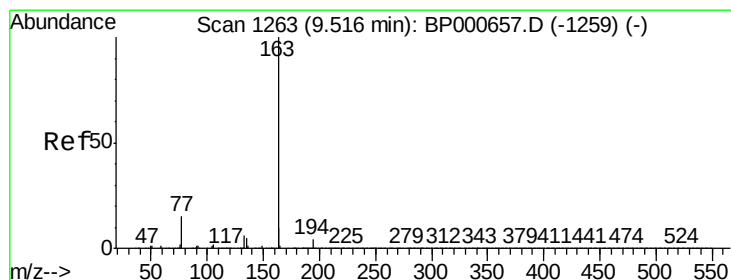
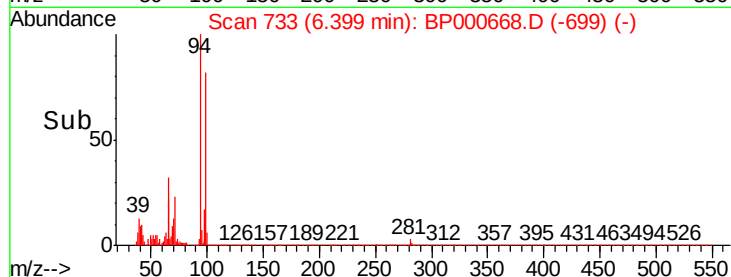
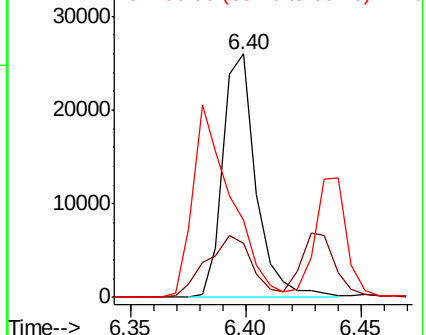
66 31.7 25.7 38.5



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#45

Dimethylphthalate

Concen: 11.068 ng/ul

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP000668.D

Acq: 12 Oct 2019 15:31

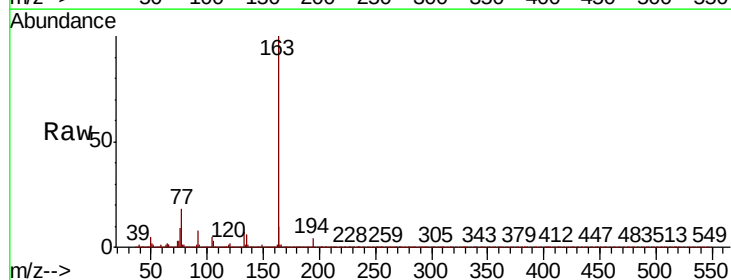
Tgt Ion: 163 Resp: 342323

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

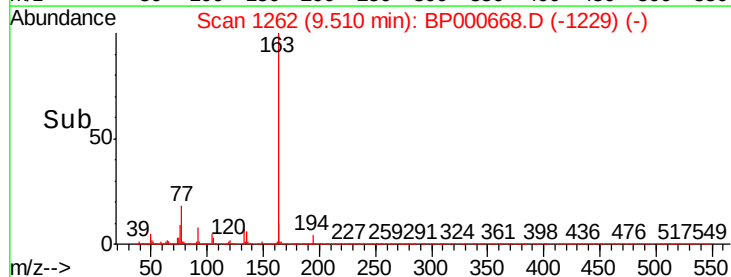
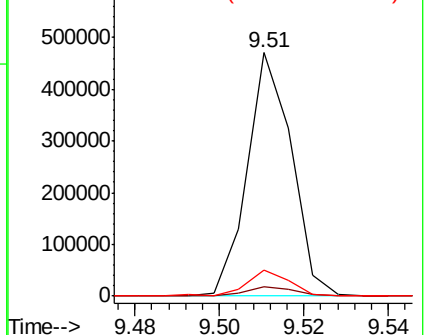
164 10.4 8.1 12.1

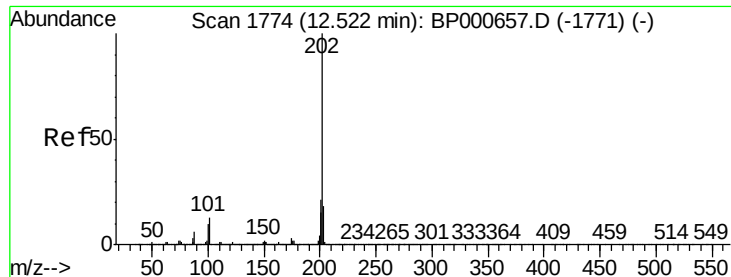


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#77

Fluoranthene

Concen: 1.956 ng/ul

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BP000668.D

Acq: 12 Oct 2019 15:31

Instrument :

BNA_P

ClientSampleId :

BEPH2

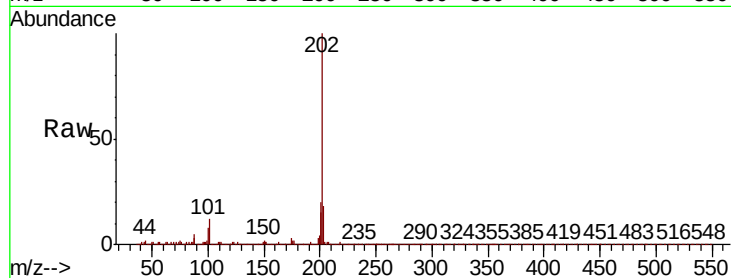
Tot Ion:202 Resp: 89892

Ion Ratio Lower Upper

202 100

101 11.7 9.8 14.6

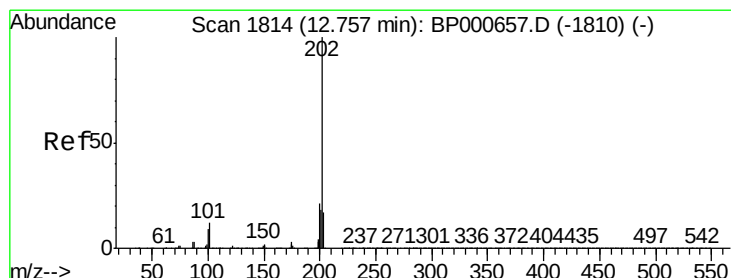
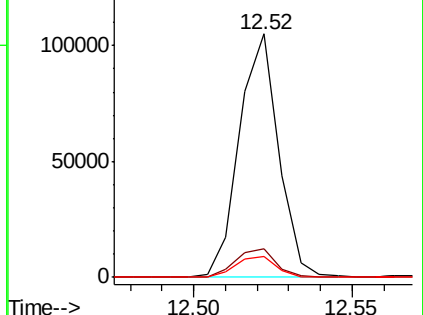
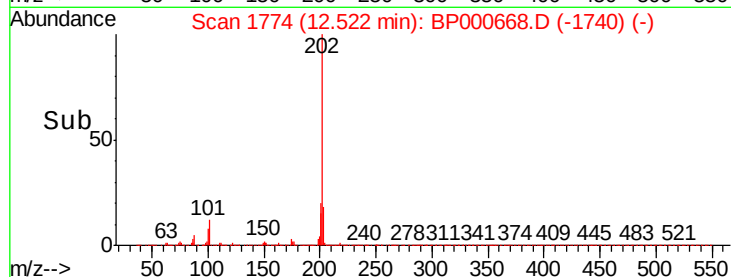
100 8.5 7.2 10.8



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



#80

Pyrene

Concen: 1.798 ng/ul

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BP000668.D

Acq: 12 Oct 2019 15:31

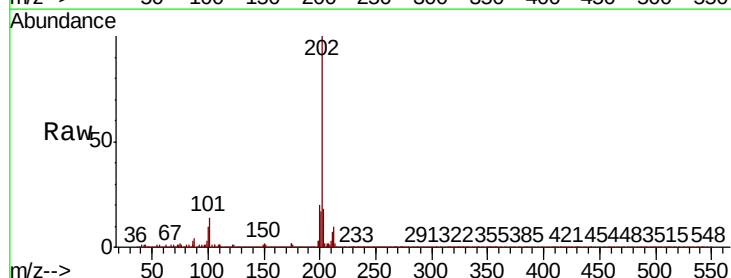
Tgt Ion:202 Resp: 93530

Ion Ratio Lower Upper

202 100

101 13.6 9.7 14.5

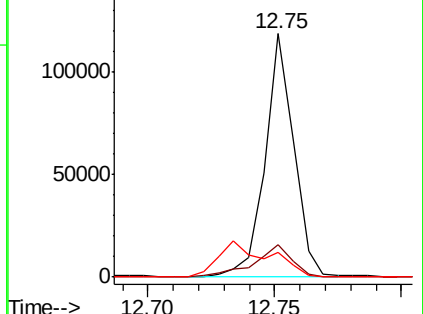
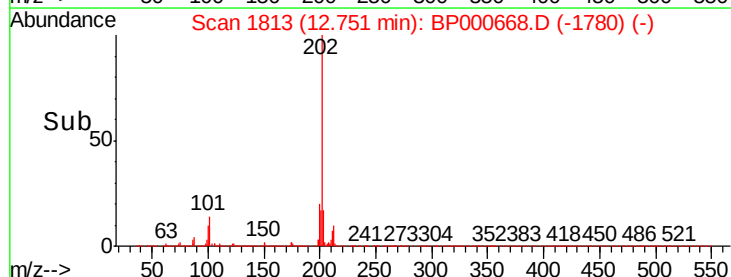
100 10.3 7.8 11.8

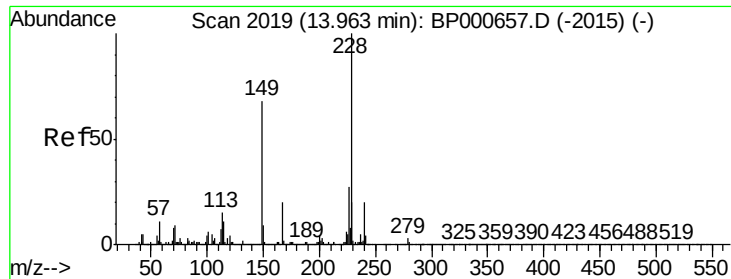


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BF

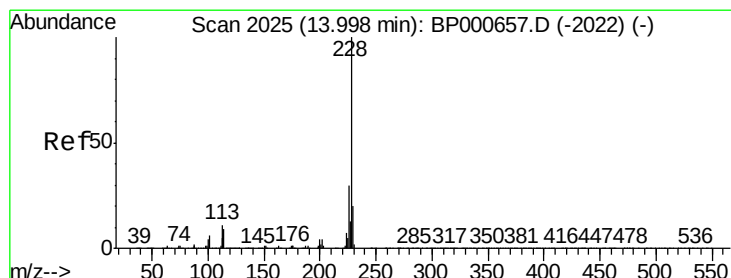
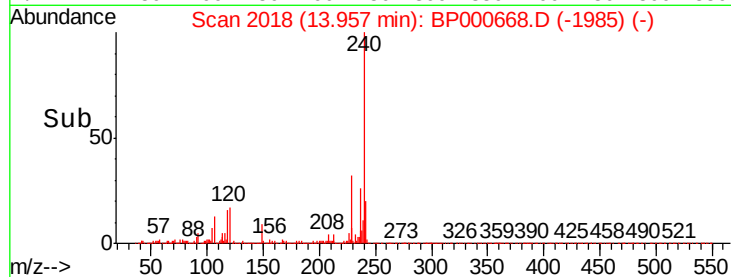
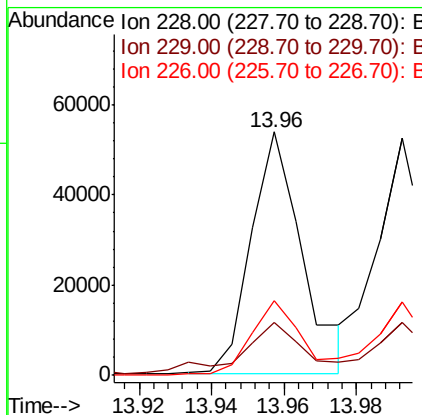
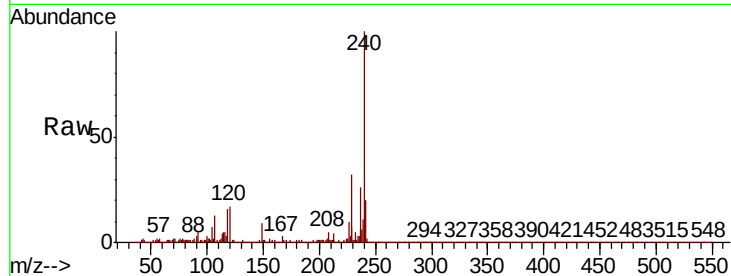




#83
Benzo(a)anthracene
Concen: 1.064 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000668.D
Acq: 12 Oct 2019 15:31

Instrument :
BNA_P
ClientSampleId :
BEPH2

Tot Ion:228 Resp: 52364
Ion Ratio Lower Upper
228 100
229 21.9 15.6 23.4
226 30.8 21.8 32.8



#85
Chrysene
Concen: 1.078 ng/ul
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000668.D
Acq: 12 Oct 2019 15:31

Tgt Ion:228 Resp: 49279
Ion Ratio Lower Upper
228 100
226 31.2 24.2 36.4
229 22.4 15.8 23.6

