

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091019\
 Data File : BP000188.D
 Acq On : 11 Sep 2019 00:40
 Operator : HP/JU
 Sample : K4633-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 11 04:12:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 02:03:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	454126	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1714368	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	852975	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1435205	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1068537	20.00	ng/ul	0.00
86) Perylene-d12	15.70	264	1022899	20.00	ng/ul	0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.61	96	57896	4.52	ng/uL	0.00
5) Phenol-d5	6.51	99	1019007	26.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	527112	26.06	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	837470	26.77	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	730338	25.13	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	399770	30.71	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	437265	34.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	730171	27.15	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	593709	17.85	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1948227	30.93	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	2269401	29.16	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	305112	27.11	ng/ul	0.00
58) Fluorene-d10	10.47	176	1544977	28.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	98398	14.92	ng/ul	0.00
71) Anthracene-d10	11.50	188	2055622	29.58	ng/ul	0.00
79) Pyrene-d10	12.90	212	1972604	31.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.61	264	1609646	30.36	ng/ul	0.02

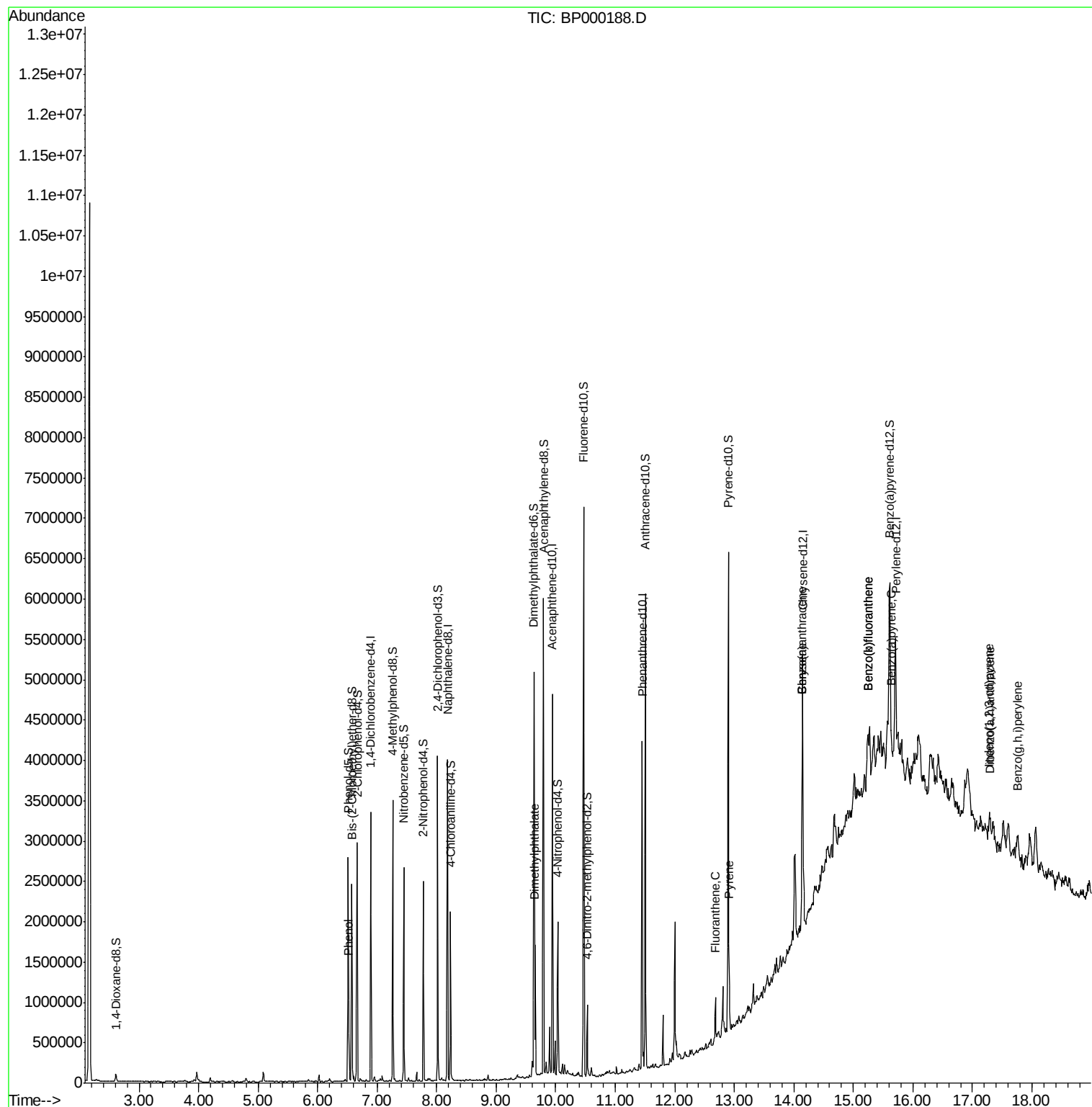
Target Compounds				Ovalue		
6) Phenol	6.53	94	185757	4.608	ng/ul	99
45) Dimethylphthalate	9.66	163	631940	9.943	ng/ul	100
77) Fluoranthene	12.68	202	220880	2.580	ng/ul	98
80) Pyrene	12.92	202	191551	2.376	ng/ul	94
83) Benzo(a)anthracene	14.13	228	128133	1.657	ng/ul	94
85) Chrysene	14.13	228	128558	1.811	ng/ul	98
88) Benzo(b)fluoranthene	15.24	252	487965	7.198	ng/ul#	83
89) Benzo(k)fluoranthene	15.24	252	487883	7.634	ng/ul#	85
91) Benzo(a)pyrene	15.63	252	180787	2.842	ng/ul#	64
92) Indeno(1,2,3-cd)pyrene	17.29	276	210327	2.874	ng/ul#	88
93) Dibenzo(a,h)anthracene	17.30	278	84453	1.393	ng/ul#	68
94) Benzo(g,h,i)perylene	17.76	276	238948	3.916	ng/ul#	88

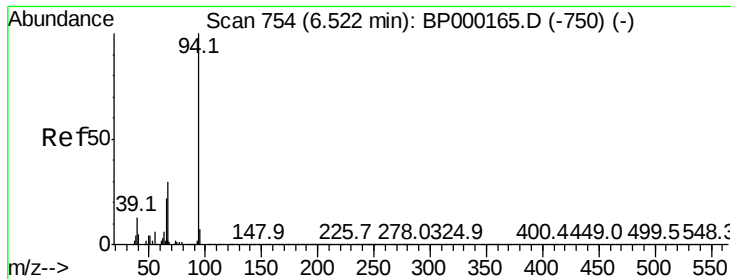
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 02:03:45 2019
Response via : Initial Calibration





#6

Phenol

Concen: 4.608 ng/ul

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BP000188.D

Acq: 11 Sep 2019 00:40

Instrument :

BNA_P

ClientSampleId :

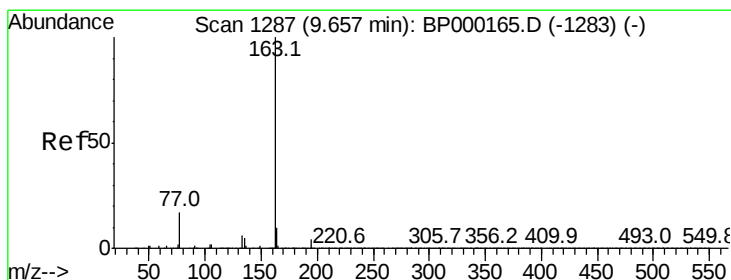
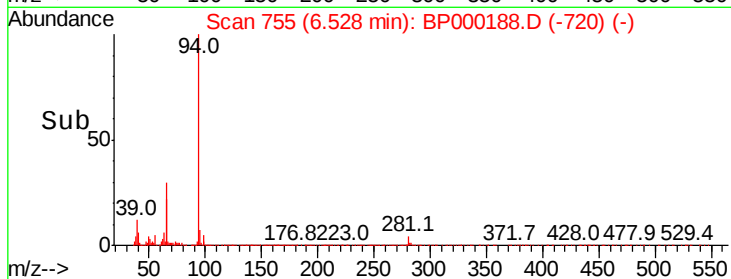
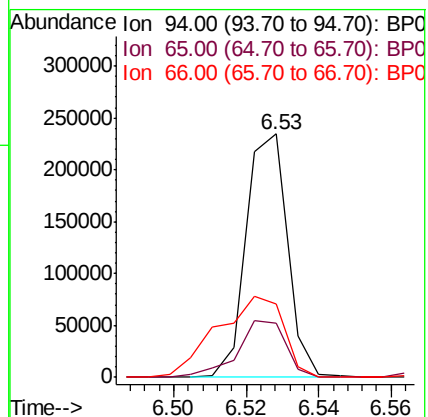
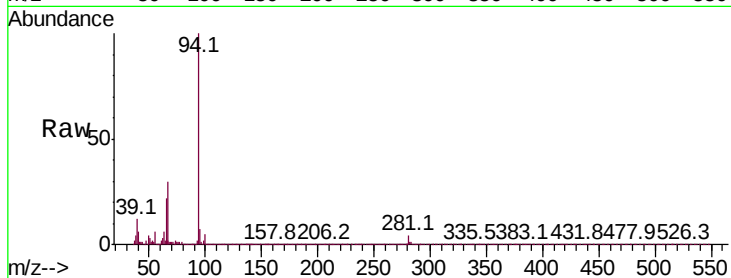
Tot Ion: 94 Resp: 185757

Ion Ratio Lower Upper

94 100

65 22.1 18.8 28.2

66 30.0 24.2 36.2



#45

Dimethylphthalate

Concen: 9.943 ng/ul

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BP000188.D

Acq: 11 Sep 2019 00:40

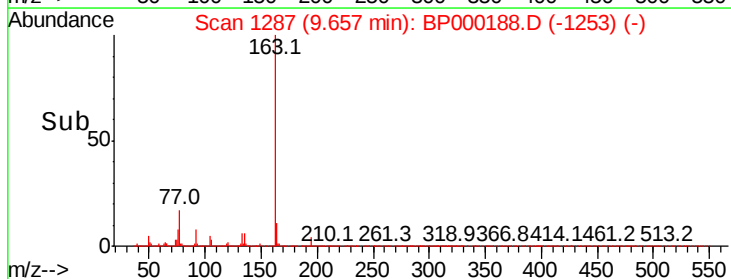
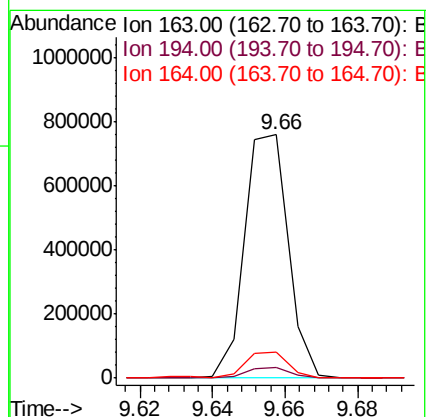
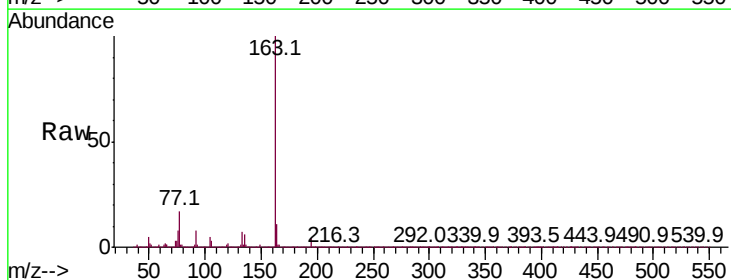
Tgt Ion: 163 Resp: 631940

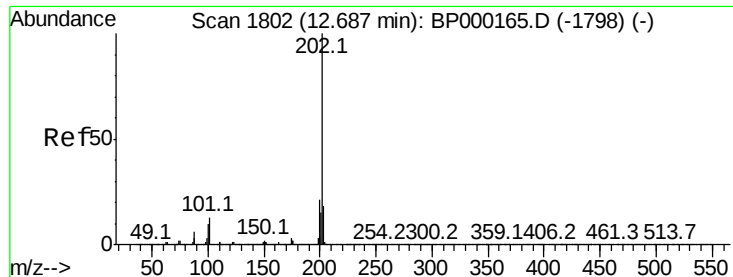
Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

164 10.5 8.4 12.6

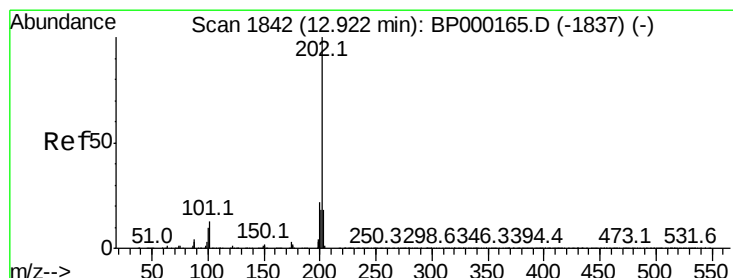
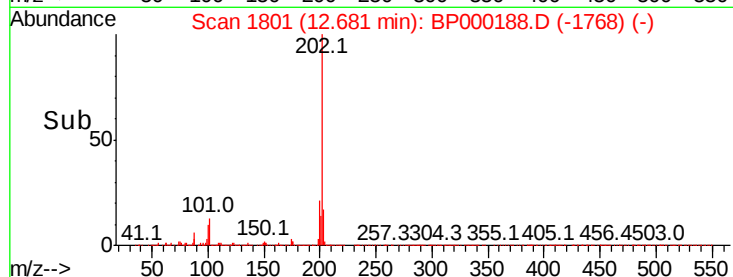
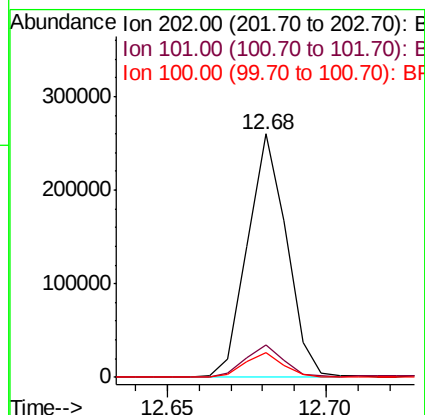
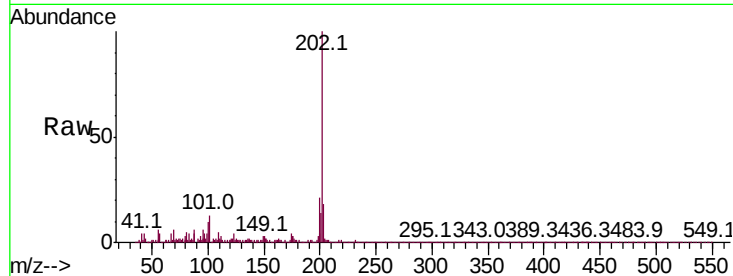




#77
Fluoranthene
Concen: 2.580 ng/ul
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BP000188.D
Acq: 11 Sep 2019 00:40

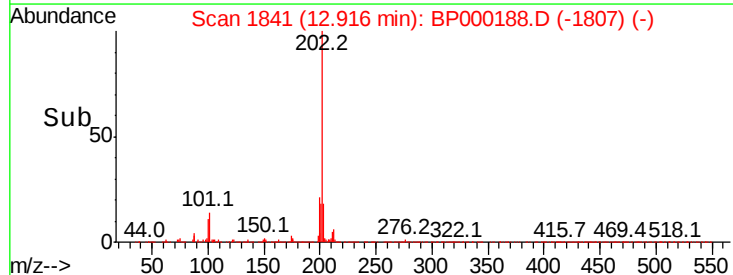
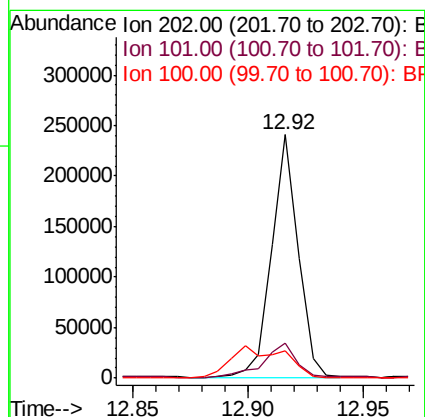
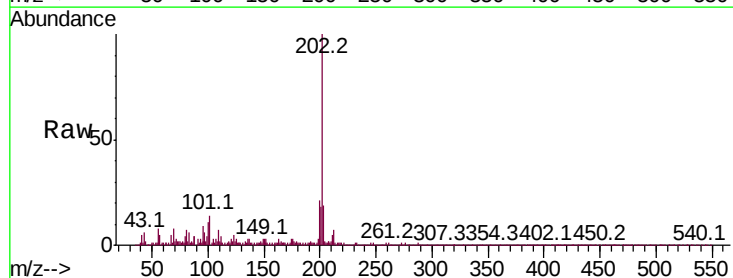
Instrument :
BNA_P
ClientSampleId :

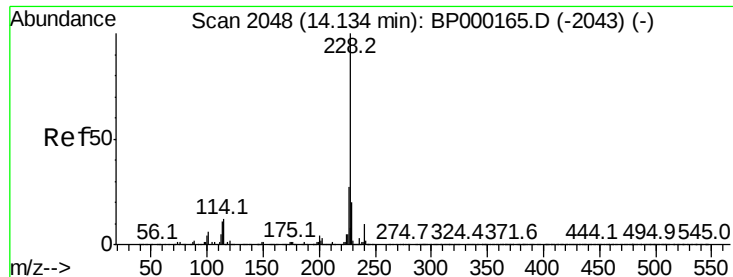
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.0	15.0
100	10.2	7.4	11.2



#80
Pyrene
Concen: 2.376 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000188.D
Acq: 11 Sep 2019 00:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	13.4	20.0
100	11.1	10.8	16.2

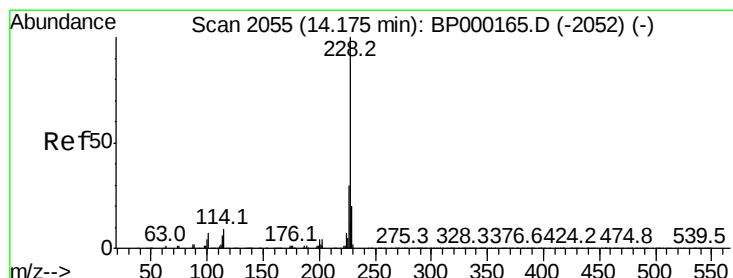
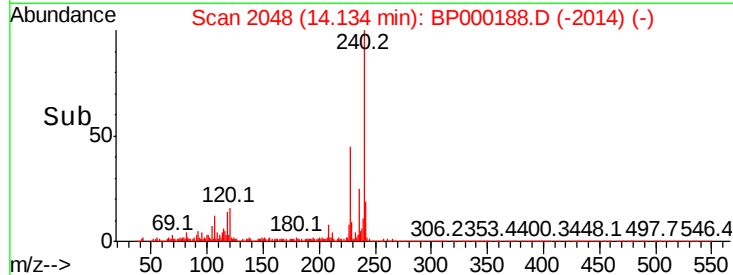
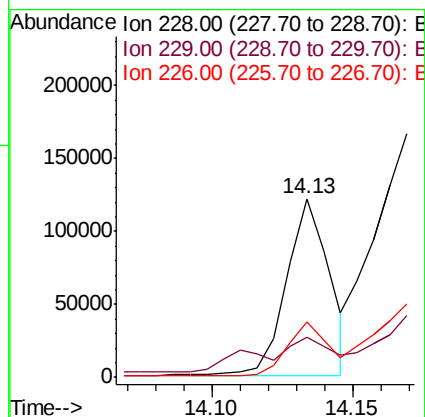
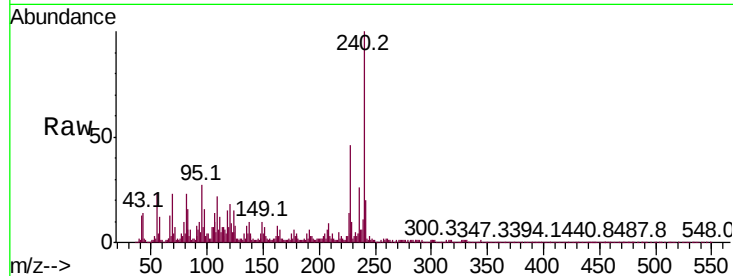




#83
Benzo(a)anthracene
Concen: 1.657 ng/ul
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BP000188.D
Acq: 11 Sep 2019 00:40

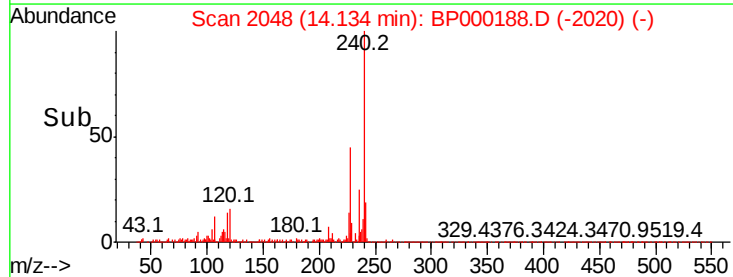
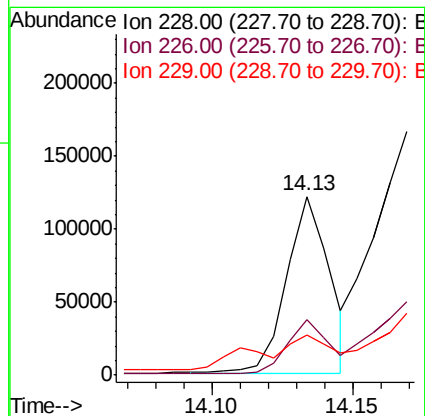
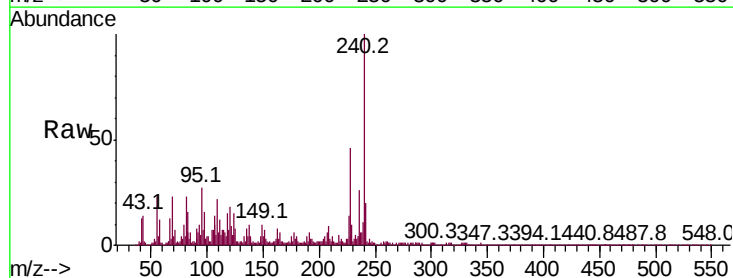
Instrument :
BNA_P
ClientSampleId :

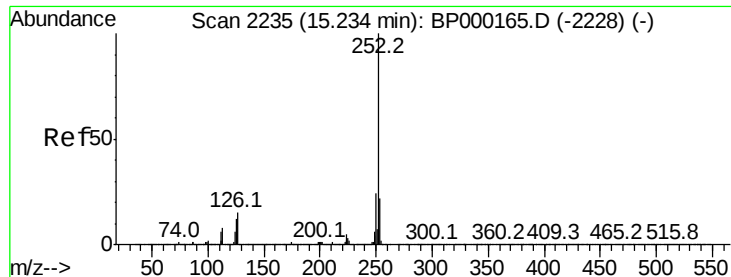
Tot Ion:228 Resp: 128133
Ion Ratio Lower Upper
228 100
229 22.5 15.9 23.9
226 30.8 22.1 33.1



#85
Chrysene
Concen: 1.811 ng/ul
RT: 14.13 min Scan# 2048
Delta R.T. -0.04 min
Lab File: BP000188.D
Acq: 11 Sep 2019 00:40

Tgt Ion:228 Resp: 128558
Ion Ratio Lower Upper
228 100
226 30.8 24.4 36.6
229 22.5 16.0 24.0





#88

Benzo(b)fluoranthene

Concen: 7.198 ng/ul

RT: 15.24 min Scan# 2236

Delta R.T. 0.01 min

Lab File: BP000188.D

Acq: 11 Sep 2019 00:40

Instrument :

BNA_P

ClientSampleId :

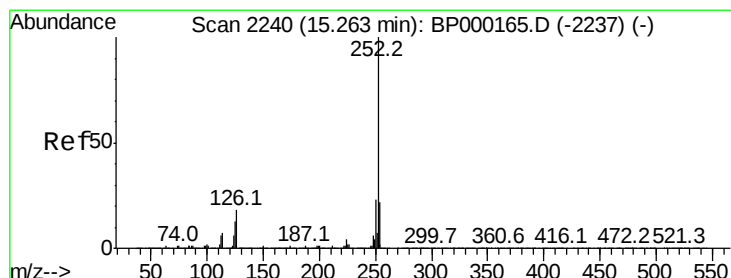
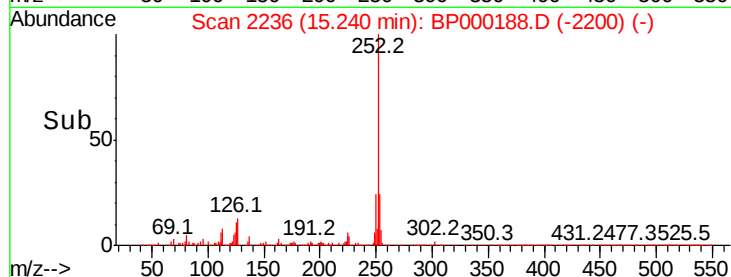
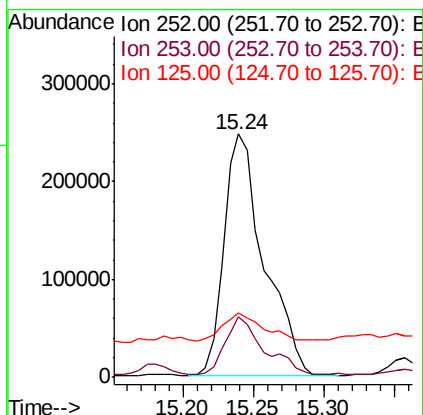
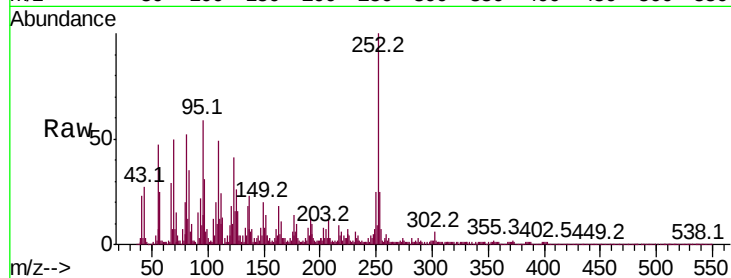
Tot Ion:252 Resp: 487965

Ion Ratio Lower Upper

252 100

253 24.7 17.5 26.3

125 26.4 9.9 14.9#



#89

Benzo(k)fluoranthene

Concen: 7.634 ng/ul

RT: 15.24 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BP000188.D

Acq: 11 Sep 2019 00:40

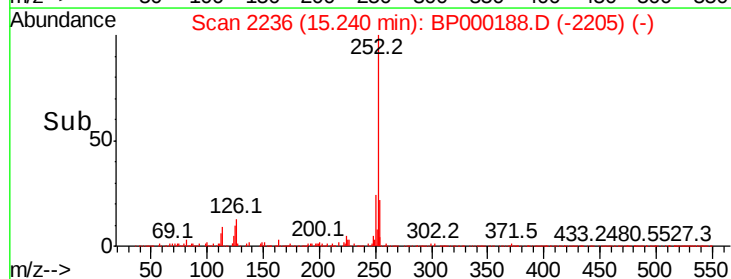
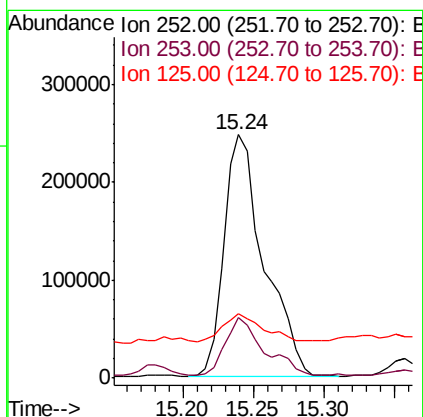
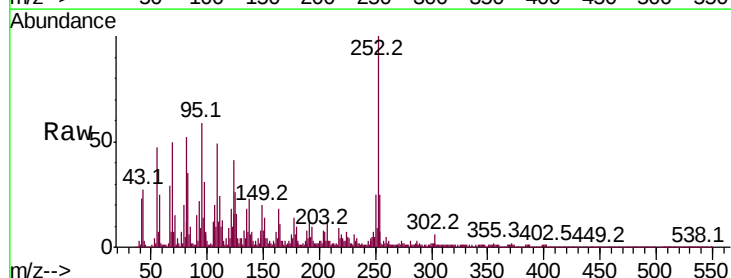
Tgt Ion:252 Resp: 487883

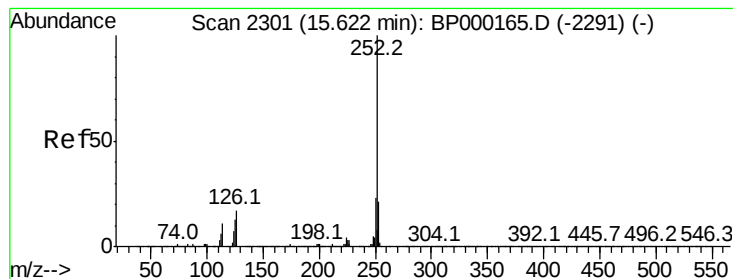
Ion Ratio Lower Upper

252 100

253 24.7 18.0 27.0

125 26.4 10.2 15.2#





#91

Benzo(a)pyrene

Concen: 2.842 ng/ul

RT: 15.63 min Scan# 2303

Delta R.T. 0.02 min

Lab File: BP000188.D

Acq: 11 Sep 2019 00:40

Instrument :

BNA_P

ClientSampleId :

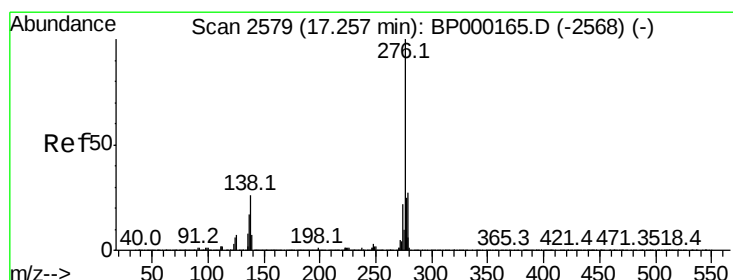
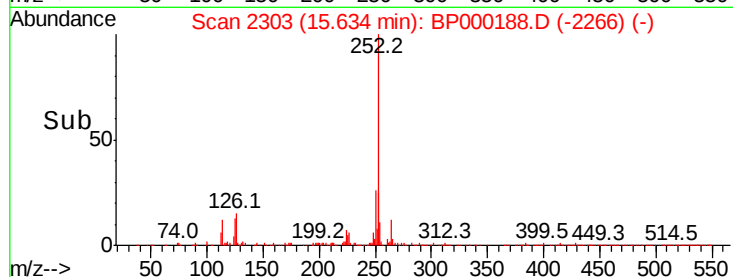
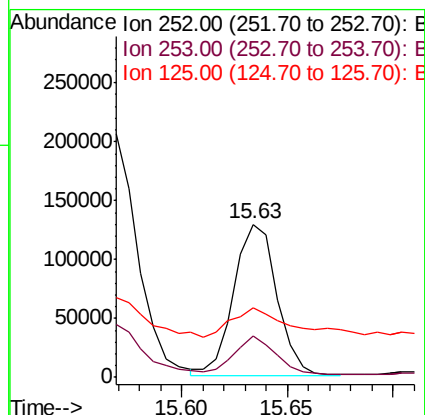
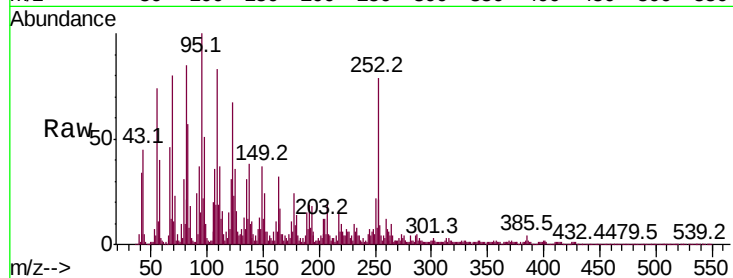
Tot Ion:252 Resp: 180787

Ion Ratio Lower Upper

252 100

253 26.7 17.5 26.3#

125 45.0 10.2 15.2#



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.874 ng/ul

RT: 17.29 min Scan# 2584

Delta R.T. 0.04 min

Lab File: BP000188.D

Acq: 11 Sep 2019 00:40

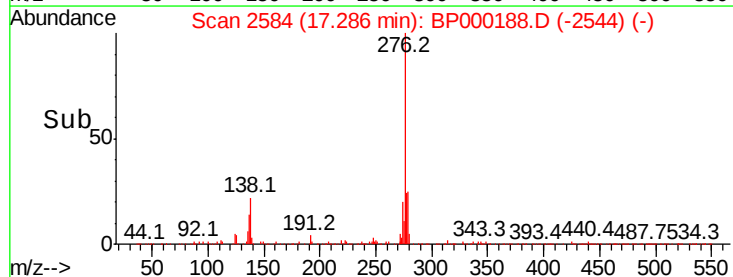
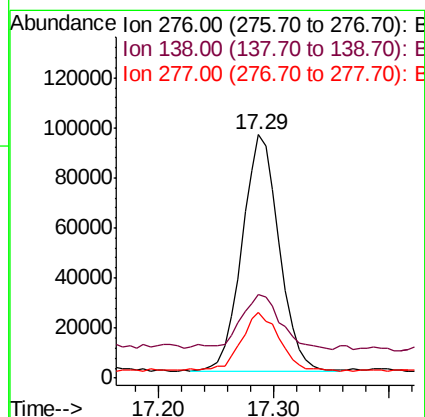
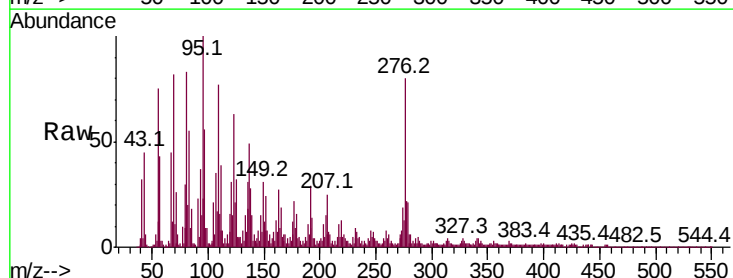
Tgt Ion:276 Resp: 210327

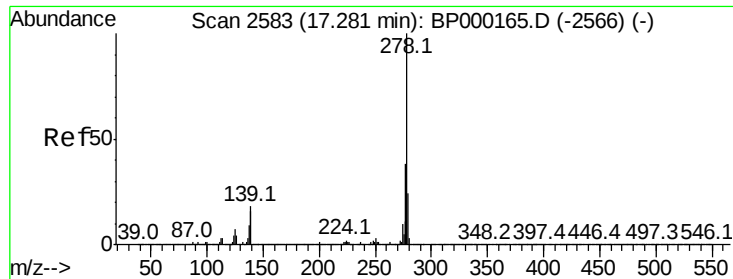
Ion Ratio Lower Upper

276 100

138 34.4 20.0 30.0#

277 27.0 19.4 29.0





#93

Dibenzo(a,h)anthracene

Concen: 1.393 ng/ul

RT: 17.30 min Scan# 2587

Delta R.T. 0.03 min

Lab File: BP000188.D

Acq: 11 Sep 2019 00:40

Instrument :

BNA_P

ClientSampled :

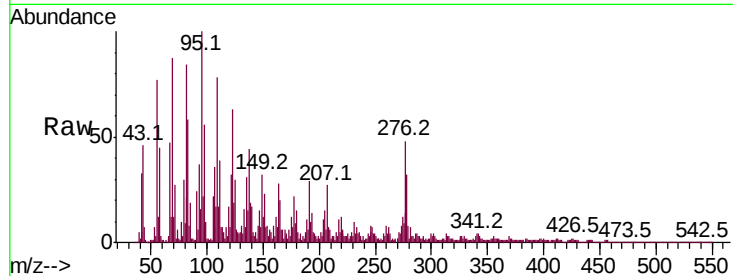
Tot Ion:278 Resp: 84453

Ion Ratio Lower Upper

278 100

139 51.3 15.1 22.7#

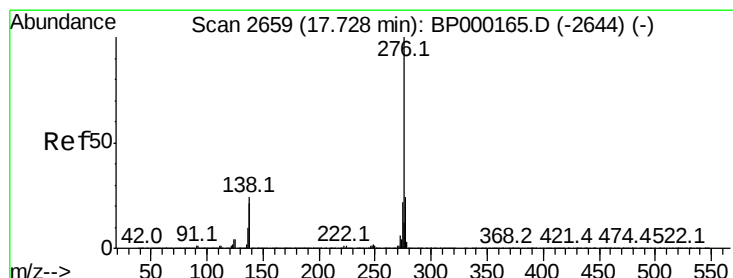
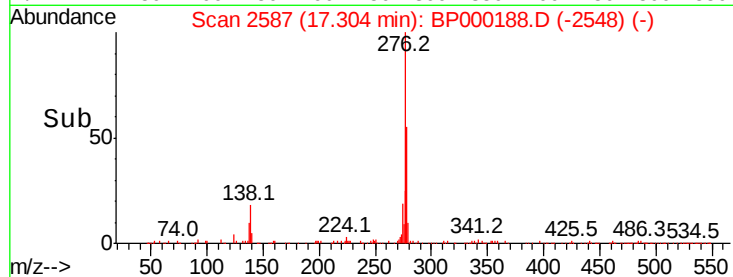
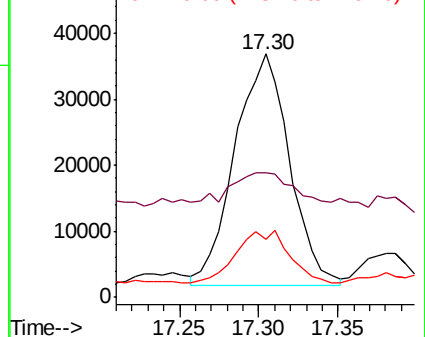
279 23.9 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 3.916 ng/ul

RT: 17.76 min Scan# 2665

Delta R.T. 0.04 min

Lab File: BP000188.D

Acq: 11 Sep 2019 00:40

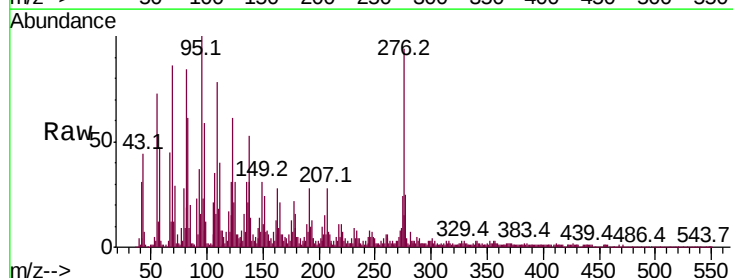
Tgt Ion:276 Resp: 238948

Ion Ratio Lower Upper

276 100

138 33.3 20.0 30.0#

277 27.0 19.1 28.7



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

