

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022420\
 Data File : BP001925.D
 Acq On : 26 Feb 2020 14:00
 Operator : CG/JU
 Sample : L1536-01
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 27 03:14:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 05:53:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	342026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1491211	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	967091	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	2246275	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2433643	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2336571	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	36775	4.47	ng/uL	0.00
5) Phenol-d5	6.83	99	759202	29.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	324016	21.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	664588	31.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	600103	29.27	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	316403	31.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	352564	38.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	692776	31.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	924020	35.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1039060	15.31	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2620424	31.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	344593	29.16	ng/ul	0.00
58) Fluorene-d10	15.28	176	1949062	31.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	106374	12.01	ng/ul	0.00
71) Anthracene-d10	17.13	188	2993627	30.25	ng/ul	0.00
79) Pyrene-d10	19.38	212	3601095	28.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	3613934	32.03	ng/ul	0.00

Target Compounds

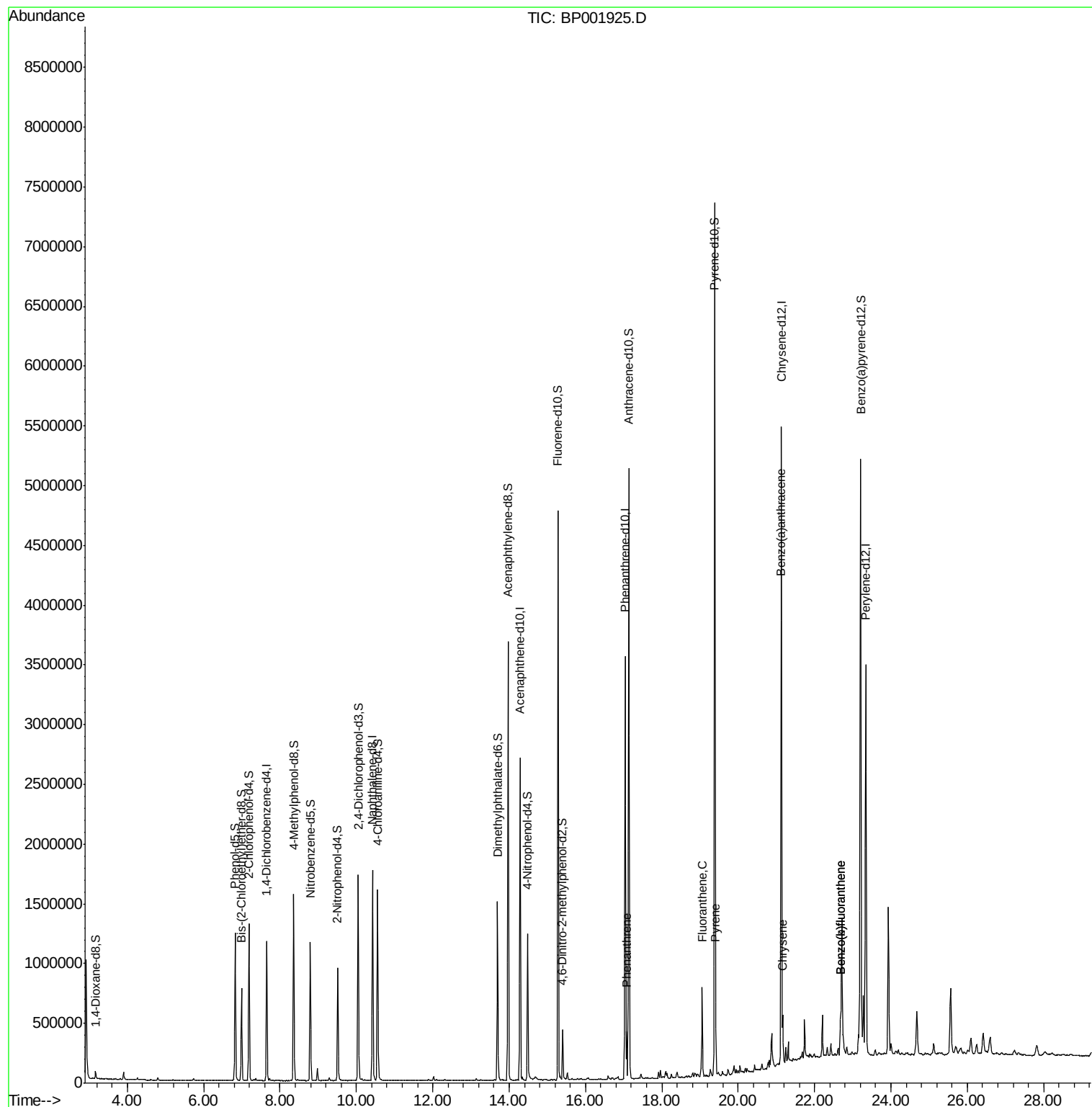
					Ovalue
70) Phenanthrene	17.08	178	246073	1.986 ng/ul	99
77) Fluoranthene	19.06	202	443574	3.344 ng/ul	96
80) Pyrene	19.41	202	374315	2.261 ng/ul	97
83) Benzo(a)anthracene	21.12	228	213465	1.332 ng/ul	98
85) Chrysene	21.16	228	223757	1.429 ng/ul	99
88) Benzo(b)fluoranthene	22.68	252	287225	2.089 ng/ul	98
89) Benzo(k)fluoranthene	22.68	252	287225	2.015 ng/ul	98

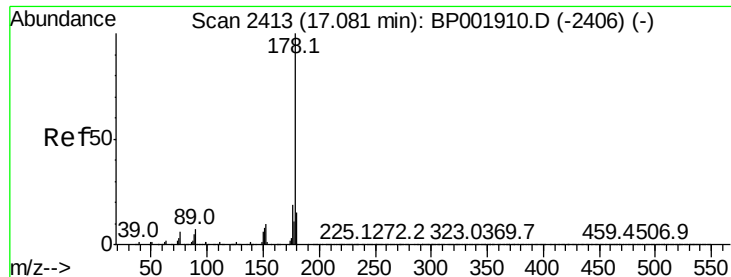
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 1.986 ng/ul

RT: 17.08 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BP001925.D

Acq: 26 Feb 2020 14:00

Instrument :

BNA_P

ClientSampleId :

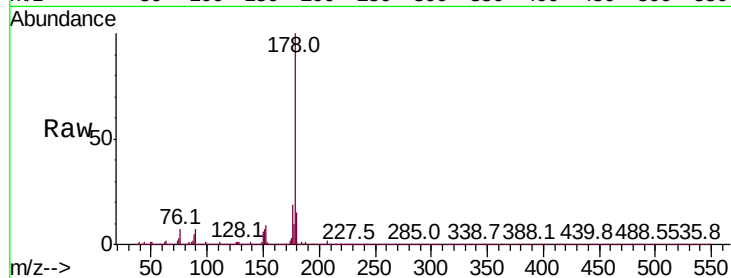
Tot Ion:178 Resp: 246073

Ion Ratio Lower Upper

178 100

179 14.5 12.3 18.5

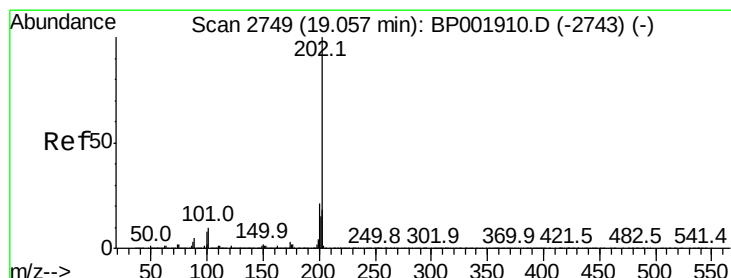
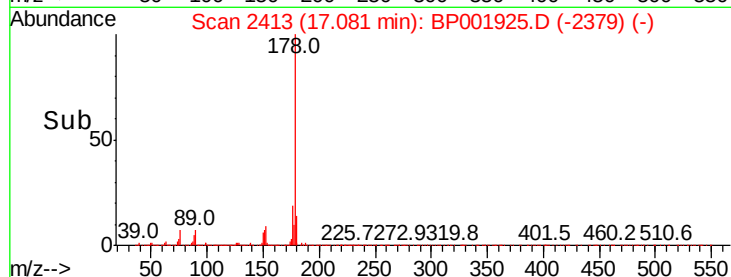
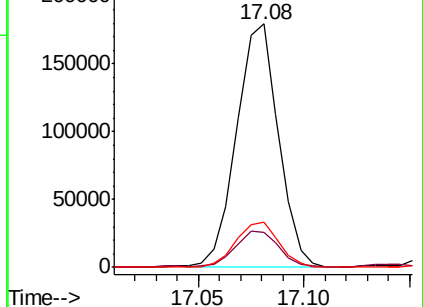
176 18.8 15.3 22.9



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: 3.344 ng/ul

RT: 19.06 min Scan# 2749

Delta R.T. 0.00 min

Lab File: BP001925.D

Acq: 26 Feb 2020 14:00

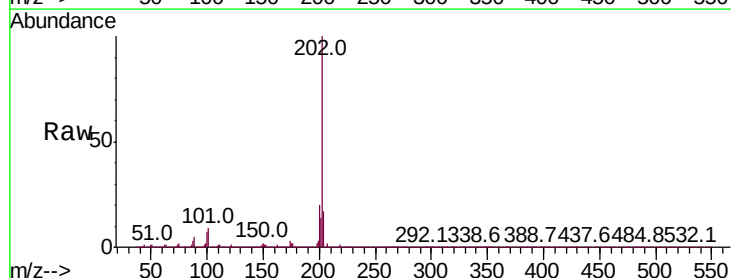
Tgt Ion:202 Resp: 443574

Ion Ratio Lower Upper

202 100

101 9.4 9.1 13.7

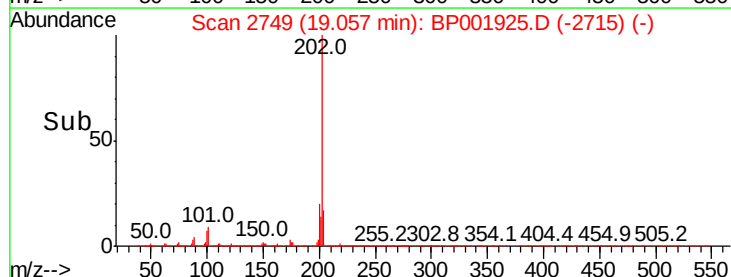
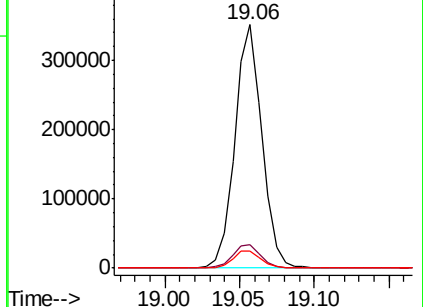
100 7.1 6.6 9.8

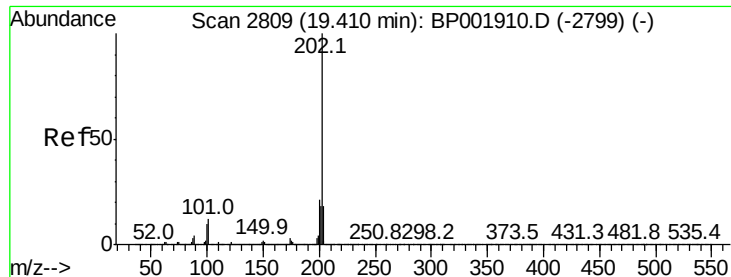


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pvrene

Concen: 2.261 ng/ul

RT: 19.41 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BP001925.D

Acq: 26 Feb 2020 14:00

Instrument :

BNA_P

ClientSampleId :

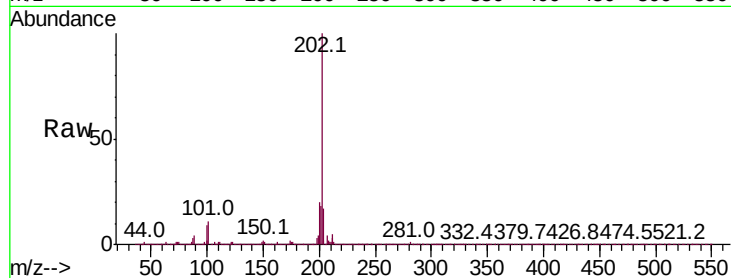
Tot Ion:202 Resp: 374315

Ion Ratio Lower Upper

202 100

101 11.2 10.2 15.2

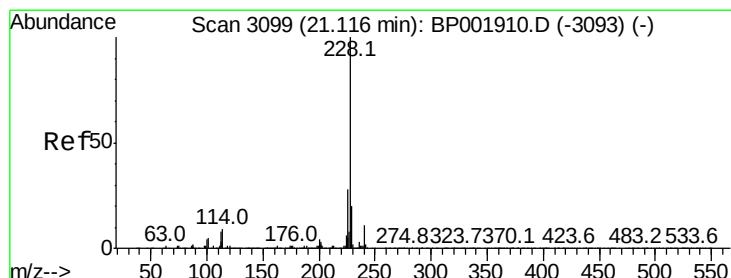
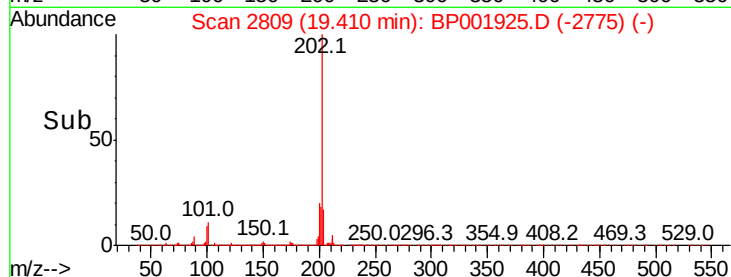
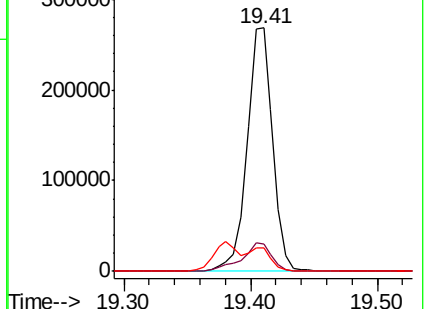
100 9.4 8.2 12.2



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: 1.332 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BP001925.D

Acq: 26 Feb 2020 14:00

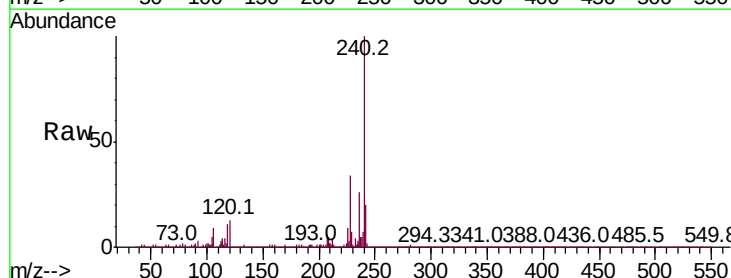
Tgt Ion:228 Resp: 213465

Ion Ratio Lower Upper

228 100

229 19.4 16.2 24.4

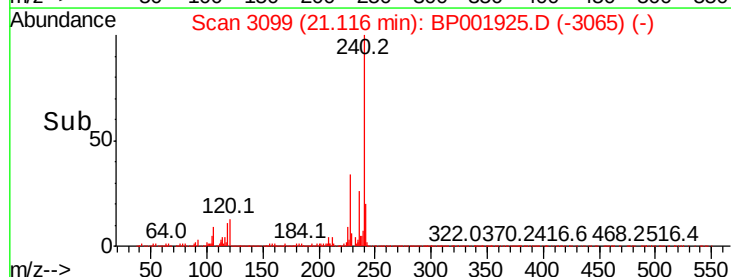
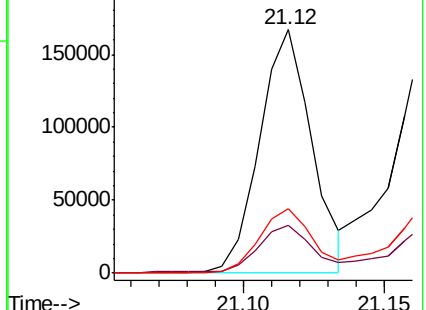
226 26.2 22.0 33.0

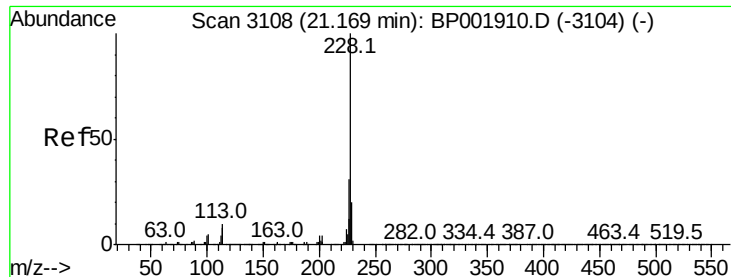


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

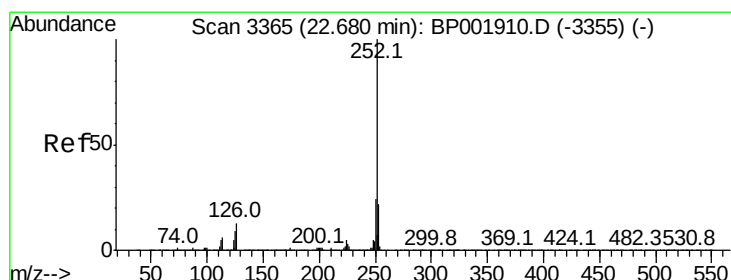
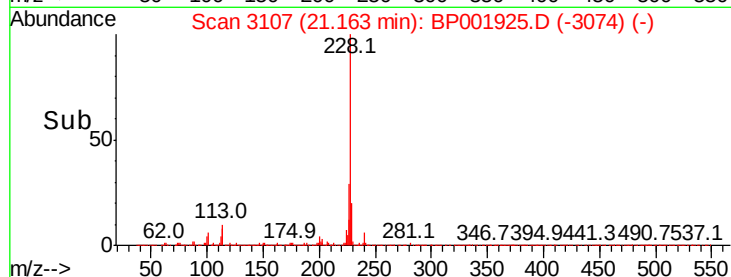
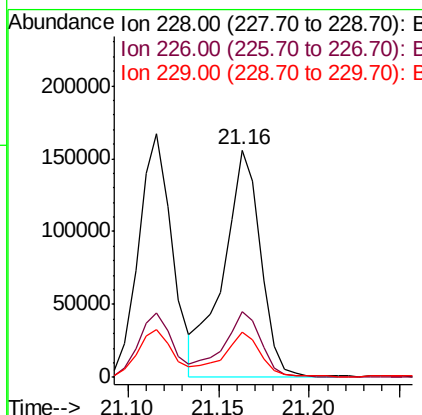
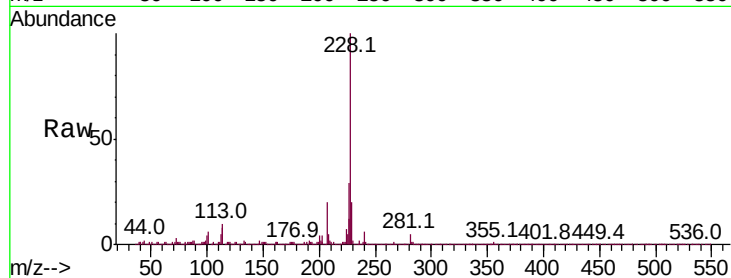




#85
Chrysene
Concen: 1.429 ng/ul
RT: 21.16 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BP001925.D
Acq: 26 Feb 2020 14:00

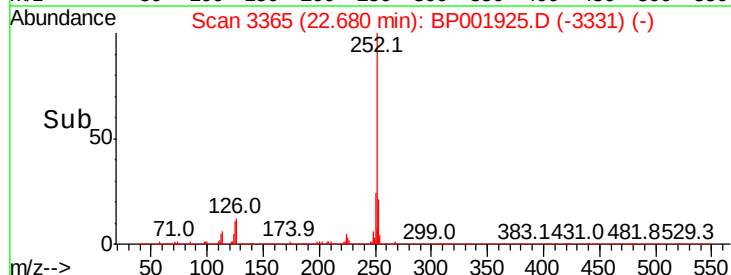
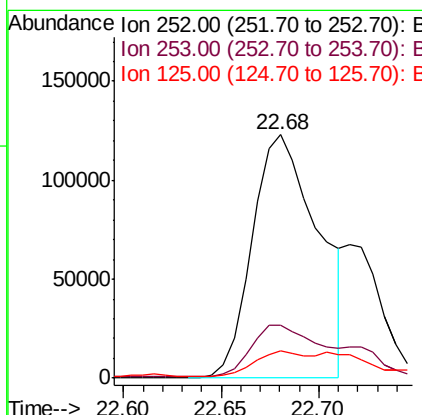
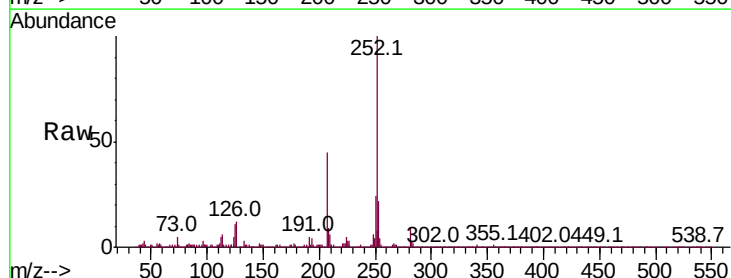
Instrument :
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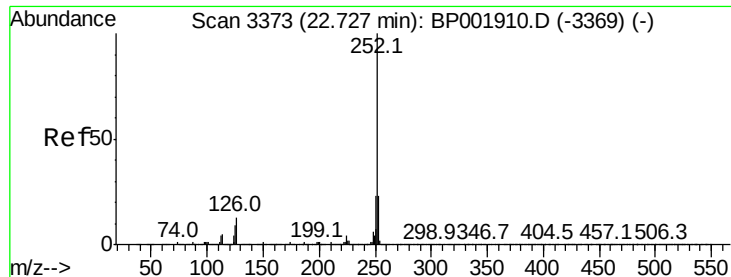
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.2	36.2
229	19.9	15.7	23.5



#88
Benzo(b)fluoranthene
Concen: 2.089 ng/ul
RT: 22.68 min Scan# 3365
Delta R.T. 0.00 min
Lab File: BP001925.D
Acq: 26 Feb 2020 14:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	11.1	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 2.015 ng/ul

RT: 22.68 min Scan# 3365

Delta R.T. -0.05 min

Lab File: BP001925.D

Acq: 26 Feb 2020 14:00

Instrument :

BNA_P

ClientSampleId :

Tot Ion:252 Resp: 287225

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 11.1 8.0 12.0

