

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
 Data File : BP001996.D
 Acq On : 02 Mar 2020 18:43
 Operator : CG/JU
 Sample : L1543-19DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleID :
 DBDA1DL

Manual Integrations
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Quant Time: Mar 03 04:06:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 03:51:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	289000	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1184575	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	751633	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1607640	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1602269	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1808690	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	5899	0.88	ng/uL	0.00
5) Phenol-d5	6.82	99	89641	4.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	58131	4.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	83241	4.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	65461	3.61	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	33745	3.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	33888	3.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	75691	3.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	75241	3.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	276699	4.86	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	311913	4.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	16473	1.51	ng/ul	0.02
58) Fluorene-d10	15.27	176	264416	5.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	18513	2.09	ng/ul	0.00
71) Anthracene-d10	17.13	188	406878	5.63	ng/ul	0.00
79) Pyrene-d10	19.37	212	491394	5.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	516149	5.58	ng/ul	0.00

Target Compounds

					Ovalue
59) Fluorene	15.33	166	114858	2.098	ng/ul 99
70) Phenanthrene	17.07	178	336269	3.797	ng/ul 99
72) Anthracene	17.16	178	4290400	48.926	ng/ul 99
75) Carbazole	17.43	167	734025	9.941	ng/ul 97
77) Fluoranthene	19.05	202	119596	1.171	ng/ul 99
80) Pyrene	19.40	202	175680	1.610	ng/ul 100
83) Benzo(a)anthracene	21.11	228	156808	1.447	ng/ul 97
85) Chrysene	21.16	228	318984	3.084	ng/ul 98
88) Benzo(b)fluoranthene	22.67	252	611420	5.390	ng/ul 99
89) Benzo(k)fluoranthene	22.71	252	197518m	1.779	ng/ul
91) Benzo(a)pyrene	23.23	252	178190	1.730	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.55	276	155345	1.164	ng/ul 97

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

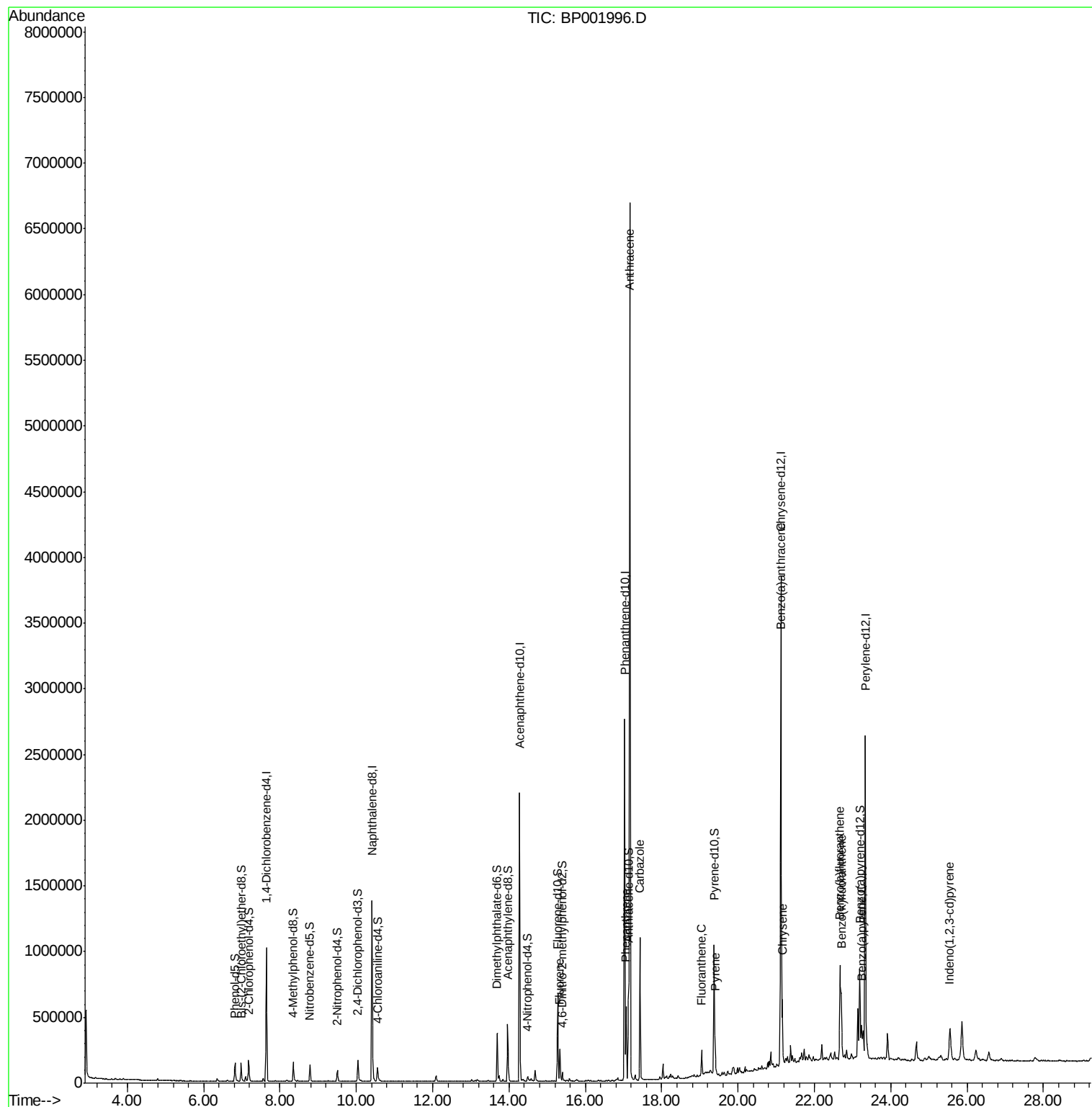
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP001996.D
Acq On : 02 Mar 2020 18:43
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Sample : L1543-19DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

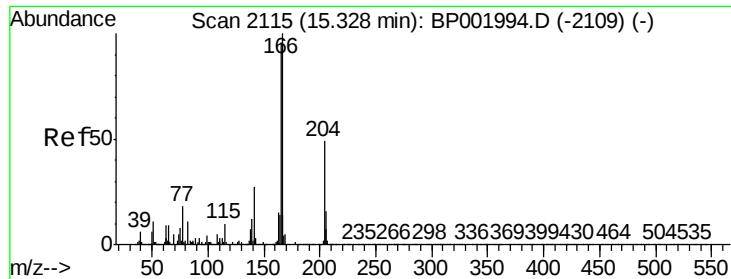
Instrument :
BNA_P
ClientSampleId :
DBDA1DL

Quant Time: Mar 03 04:06:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 03:51:53 2020
Response via : Initial Calibration

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#59

Fluorene

Concen: 2.098 ng/ul

RT: 15.33 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BP001996.D

Acq: 02 Mar 2020 18:43

Instrument :

BNA_P

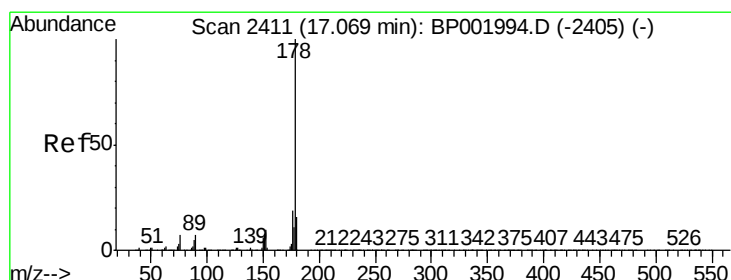
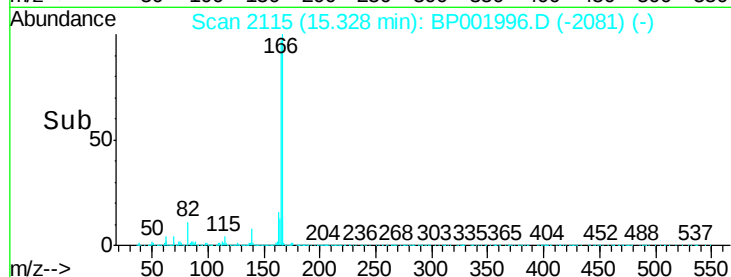
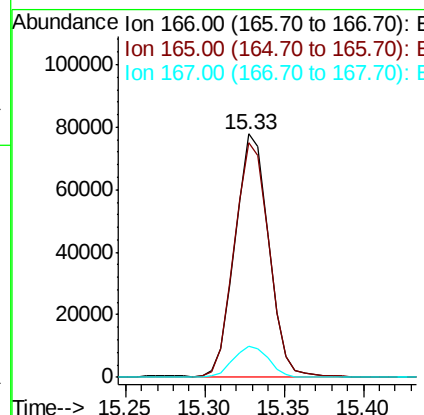
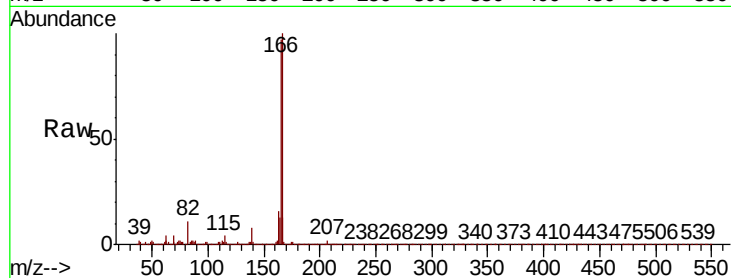
ClientSampleID :

DBDA1DL

Tot Ion:	166	Resp:	114858
Ion Ratio	Lower	Upper	
166	100		
165	96.6	78.1	117.1
167	13.0	10.7	16.1

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#70

Phenanthrene

Concen: 3.797 ng/ul

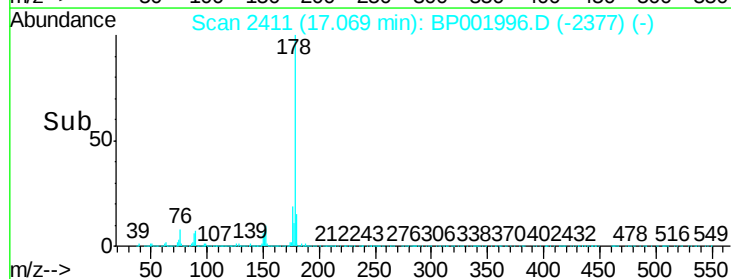
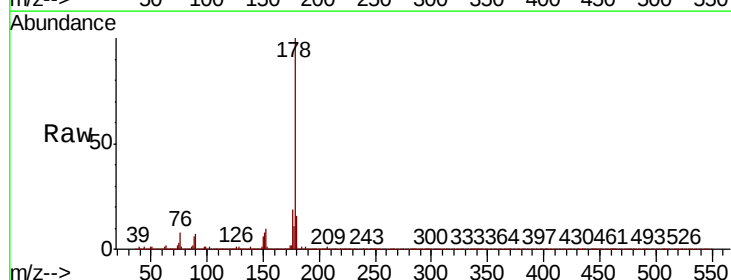
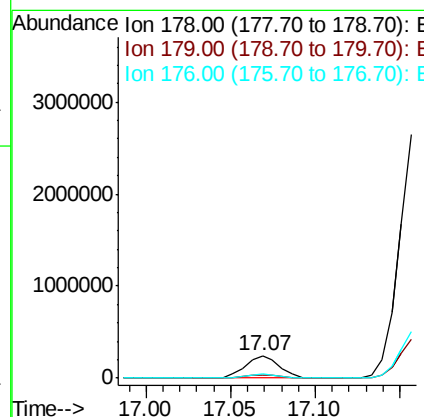
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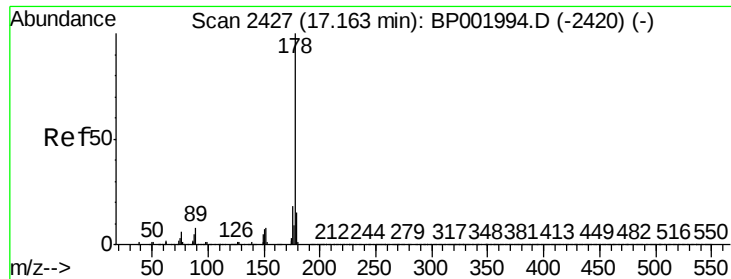
Delta R.T. 0.00 min

Lab File: BP001996.D

Acq: 02 Mar 2020 18:43

Tgt Ion:	178	Resp:	336269
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.2	18.2
176	18.8	14.9	22.3





#72

Anthracene

Concen: 48.926 ng/ul

RT: 17.16 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BP001996.D

Acq: 02 Mar 2020 18:43

Instrument :

BNA_P

ClientSampleId :

DBDA1DL

Tot Ion:178 Resp: 4290400

Ion Ratio Lower Upper

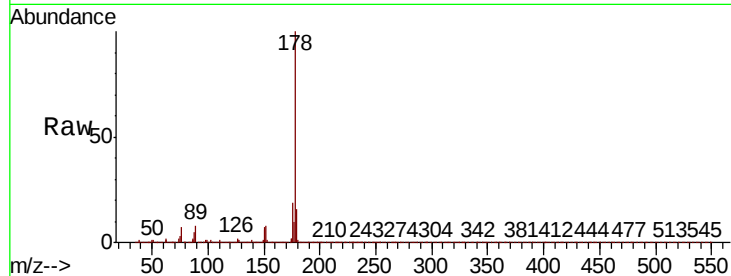
178 100

179 15.9 12.8 19.2

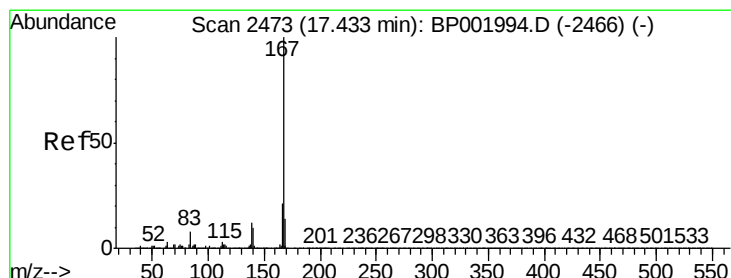
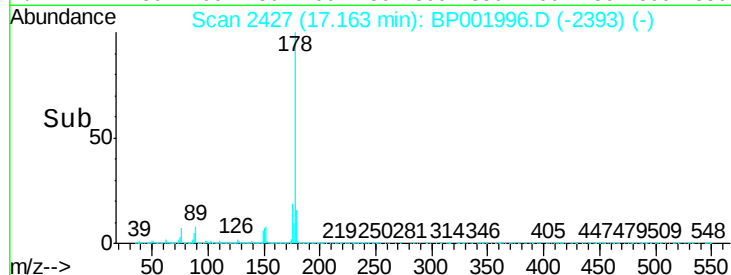
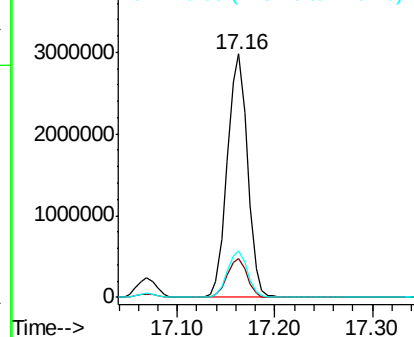
176 19.0 14.6 22.0

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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



#75

Carbazole

Concen: 9.941 ng/ul

RT: 17.43 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BP001996.D

Acq: 02 Mar 2020 18:43

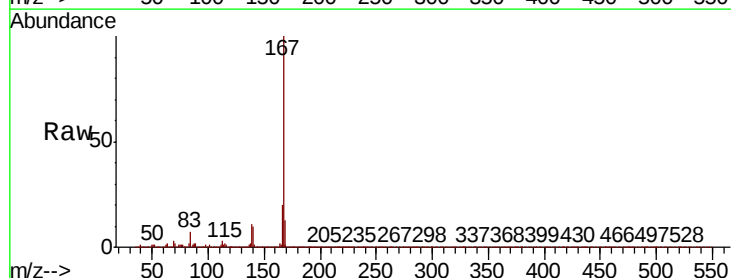
Tgt Ion:167 Resp: 734025

Ion Ratio Lower Upper

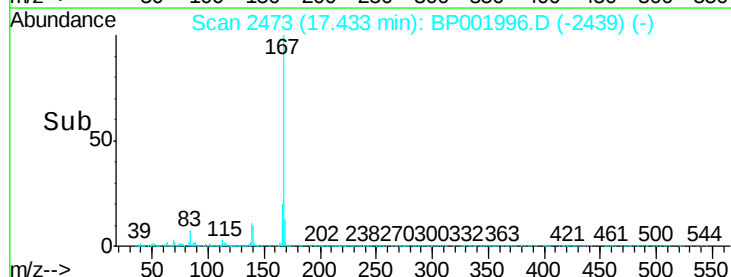
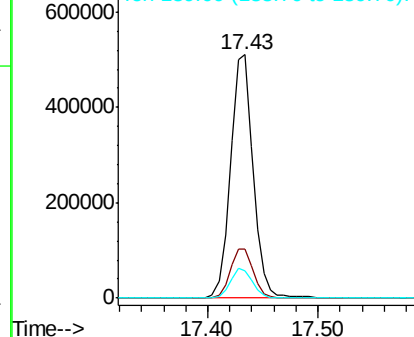
167 100

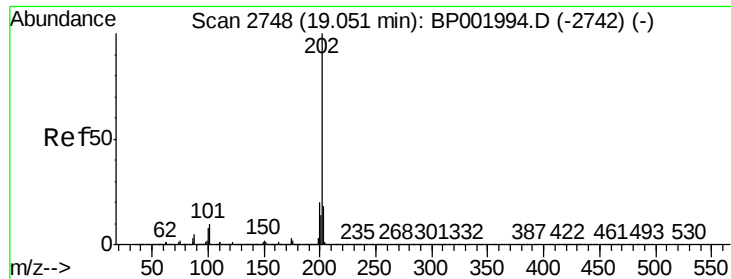
166 20.1 17.2 25.8

139 11.4 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





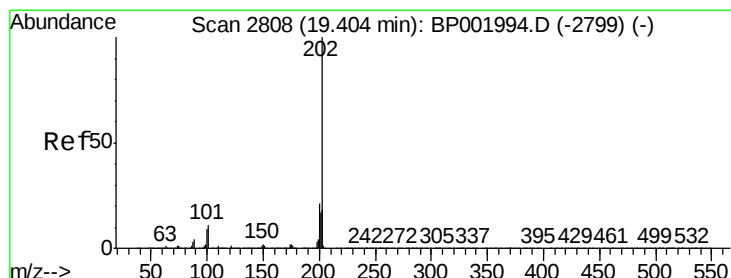
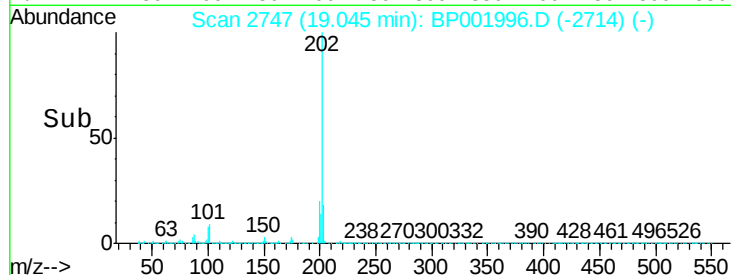
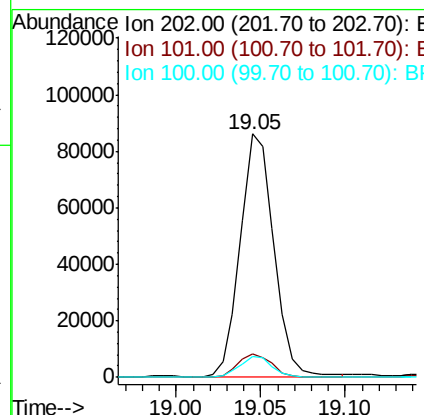
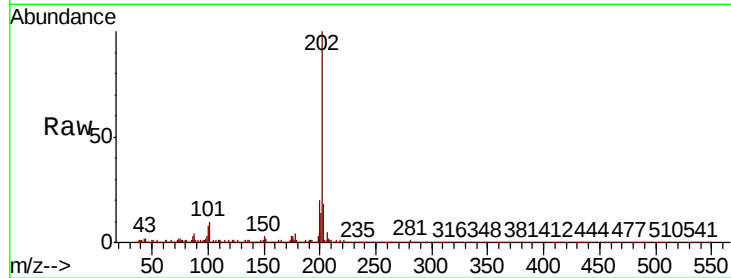
#77
Fluoranthene
 Concen: 1.171 ng/ul
 RT: 19.05 min Scan# 2747
 Delta R.T. -0.01 min
 Lab File: BP001996.D
 Acq: 02 Mar 2020 18:43

Instrument :
 BNA_P
 ClientSampleId :
 DBDA1DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		119596		
101	9.7	8.2	12.2		
100	8.3	6.3	9.5		

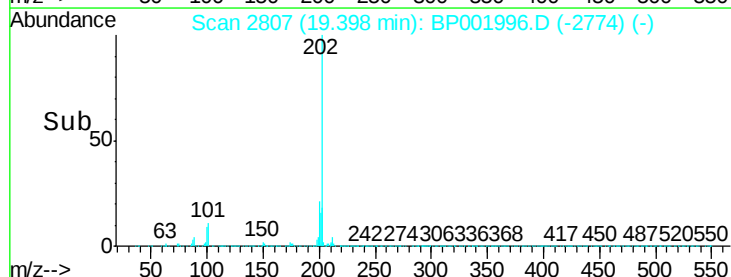
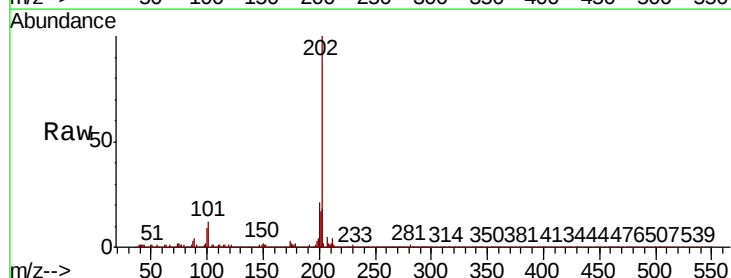
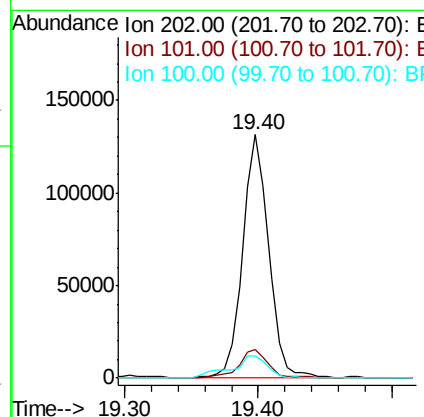
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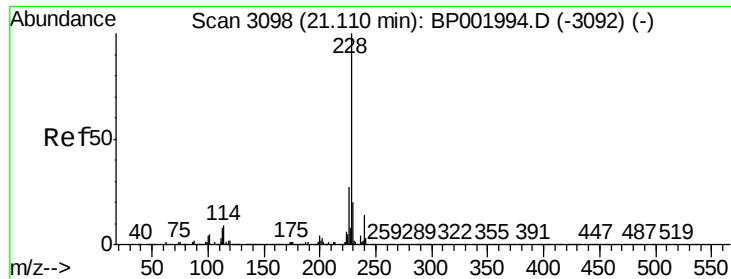
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#80
Pyrene
 Concen: 1.610 ng/ul
 RT: 19.40 min Scan# 2807
 Delta R.T. -0.01 min
 Lab File: BP001996.D
 Acq: 02 Mar 2020 18:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		175680		
101	11.6	9.3	13.9		
100	9.3	7.6	11.4		





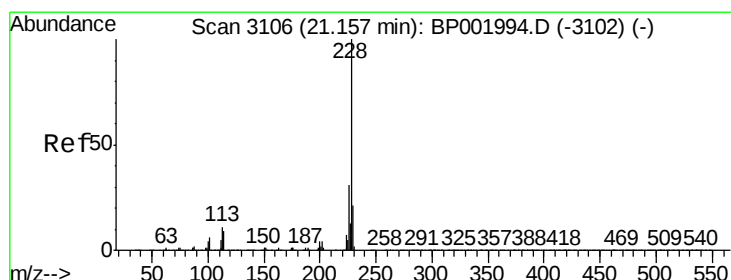
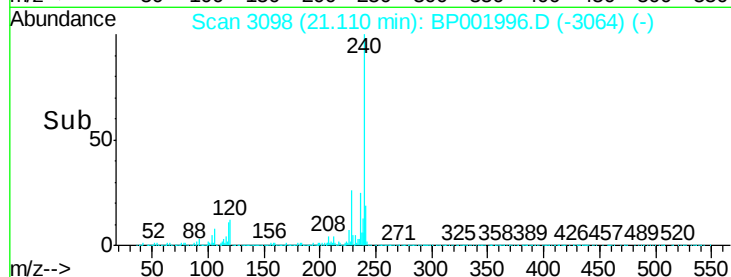
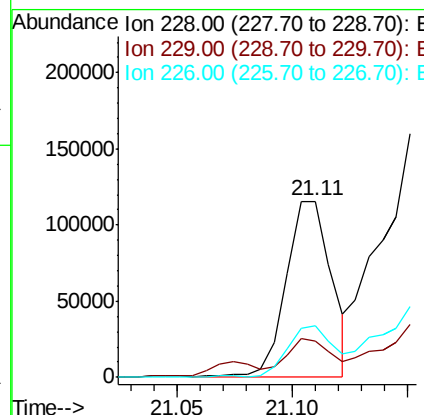
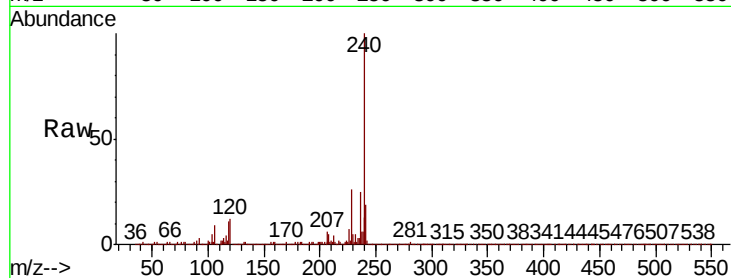
#83
Benzo(a)anthracene
Concen: 1.447 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BP001996.D
Acq: 02 Mar 2020 18:43

Instrument :
BNA_P
ClientSampleId :
DBDA1DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	29.0	21.4	32.0

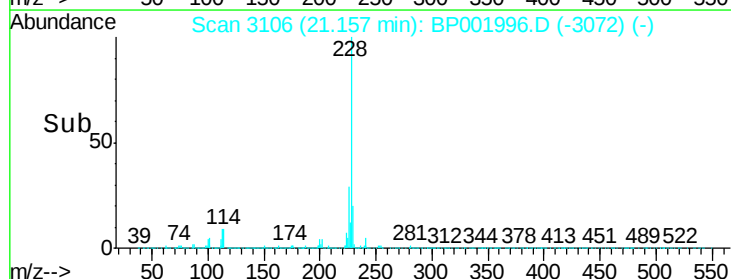
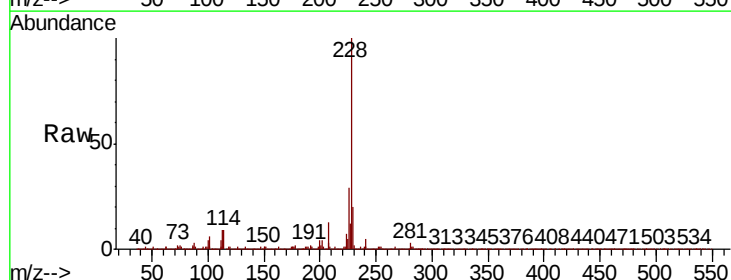
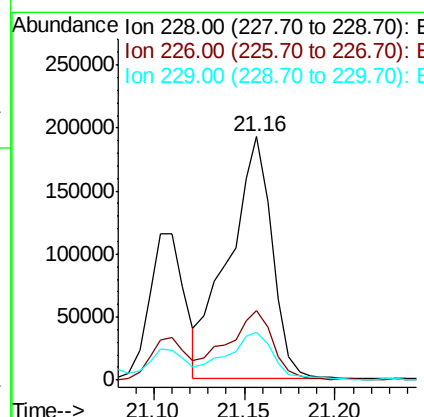
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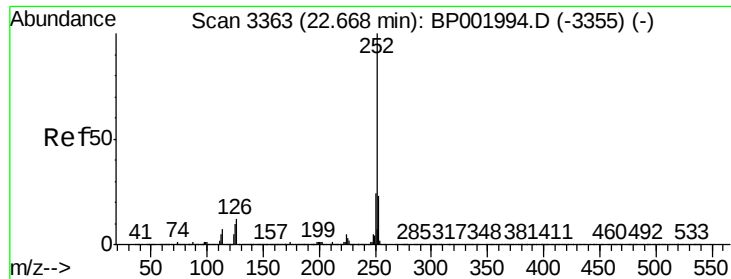
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#85
Chrysene
Concen: 3.084 ng/ul
RT: 21.16 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BP001996.D
Acq: 02 Mar 2020 18:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.4	36.6
229	19.8	15.9	23.9





#88

Benzo(b)fluoranthene

Concen: 5.390 ng/ul

RT: 22.67 min Scan# 3363

Delta R.T. 0.00 min

Lab File: BP001996.D

Acq: 02 Mar 2020 18:43

Instrument :

BNA_P

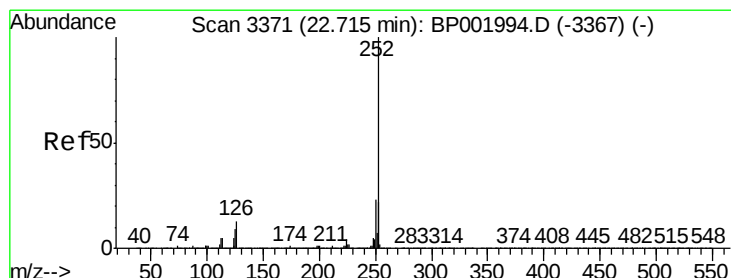
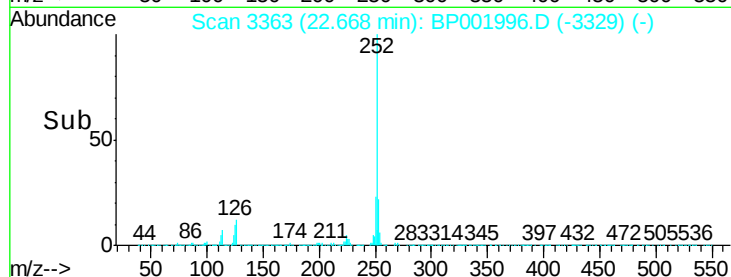
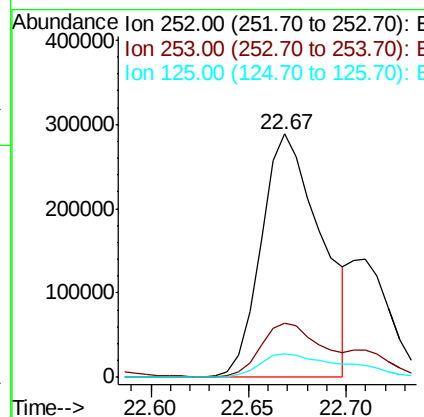
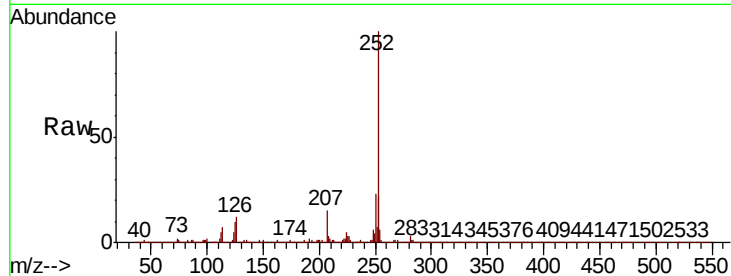
ClientSampleId :

DBDA1DL

Tot Ion:	252	Resp:	611420
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.5	26.3
125	9.8	7.4	11.0

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#89

Benzo(k)fluoranthene

Concen: 1.779 ng/ul m

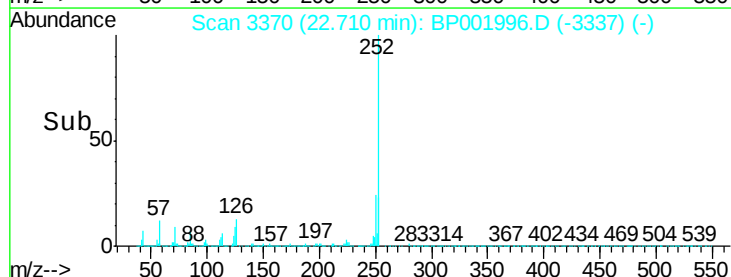
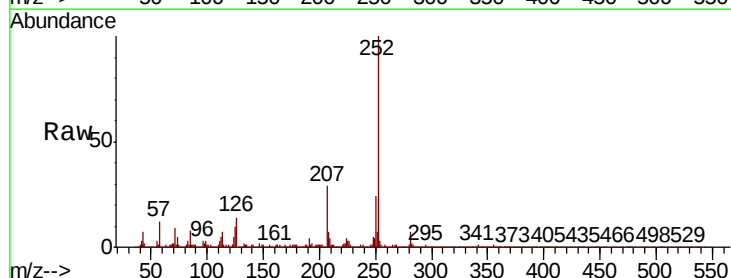
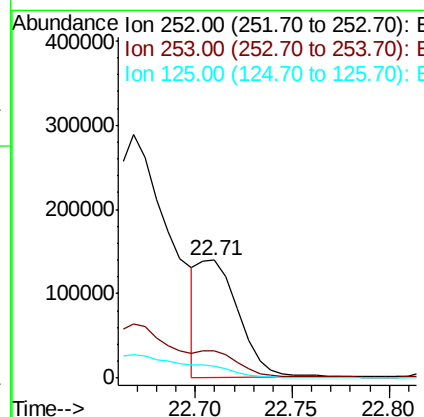
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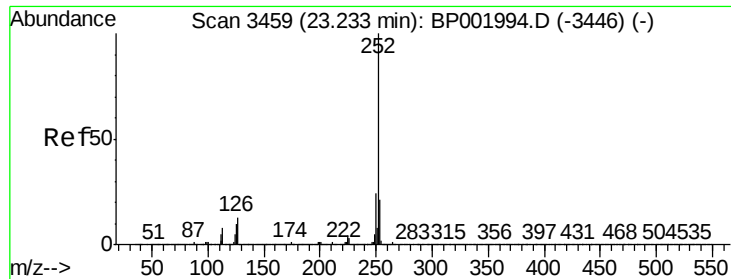
Delta R.T. -0.01 min

Lab File: BP001996.D

Acq: 02 Mar 2020 18:43

Tgt Ion:	252	Resp:	197518
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.5	26.3
125	9.8	7.4	11.0





#91

Benzo(a)pyrene

Concen: 1.730 ng/ul

RT: 23.23 min Scan# 3459

Delta R.T. 0.00 min

Lab File: BP001996.D

Acq: 02 Mar 2020 18:43

Instrument :

BNA_P

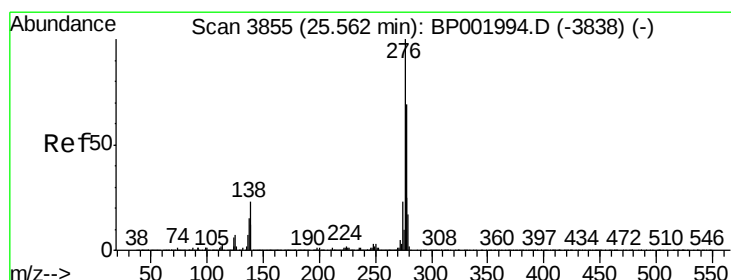
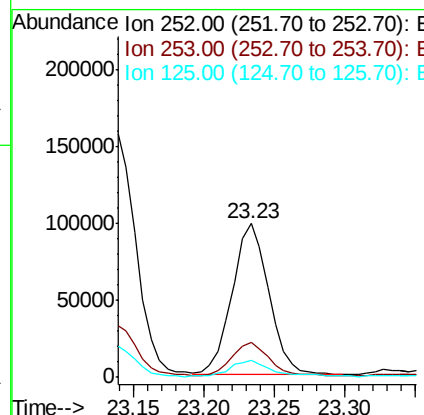
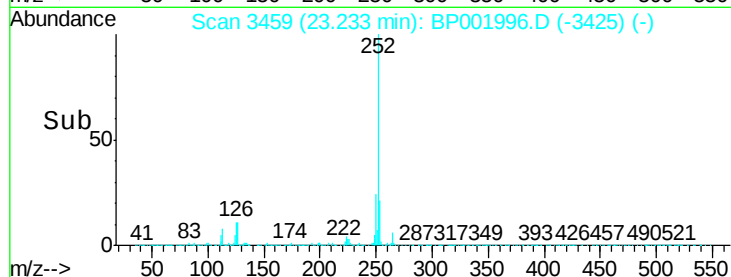
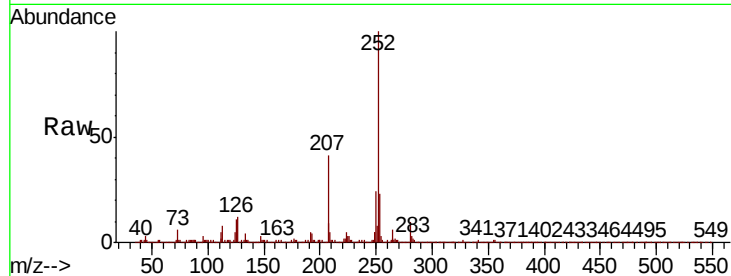
ClientSampleId :

DBDA1DL

Tot Ion:	252	Resp:	178190
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.0
125	11.0	8.2	12.2

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#92

Indeno(1,2,3-cd)pyrene

Concen: 1.164 ng/ul

RT: 25.55 min Scan# 3853

Delta R.T. -0.01 min

Lab File: BP001996.D

Acq: 02 Mar 2020 18:43

Tgt Ion:	276	Resp:	155345
Ion Ratio	Lower	Upper	
276	100		
138	20.0	18.6	28.0
277	25.5	20.4	30.6

