

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
 Data File : BP004330.D
 Acq On : 16 Dec 2020 18:21
 Operator : CG/JU
 Sample : L5001-10DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54C8DL

Manual Integrations
 APPROVED

mohammad
 12/18/2020 10:25:10 AM

Quant Time: Dec 17 00:49:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 00:04:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	276573	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1156818	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	712259	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1536663	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	1590834	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	1701140	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	2753	0.35	ng/uL	0.00
5) Phenol-d5	7.00	99	55148	2.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	31954	2.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	46190	2.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	42784	2.47	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	23322	2.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	24160	3.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	48110	2.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	43498	2.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	143835	2.64	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	187859	2.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	17101m	1.86	ng/ul	0.00
58) Fluorene-d10	15.48	176	131144	2.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	9887	1.34	ng/ul	0.00
71) Anthracene-d10	17.35	188	219465	2.93	ng/ul	0.00
79) Pyrene-d10	19.59	212	259650	3.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	273505	3.05	ng/ul	0.00

Target Compounds

					Ovalue
50) Acenaphthene	14.55	153	93529	1.916	ng/ul 100
54) Dibenzofuran	14.88	168	70270	1.022	ng/ul 99
59) Fluorene	15.53	166	98645	1.793	ng/ul 98
70) Phenanthrene	17.29	178	1756474	19.375	ng/ul 100
72) Anthracene	17.38	178	285030	3.178	ng/ul 99
75) Carbazole	17.65	167	213575	2.926	ng/ul 100
77) Fluoranthene	19.26	202	2674806	27.632	ng/ul 97
80) Pyrene	19.61	202	2249008	20.958	ng/ul 99
83) Benzo(a)anthracene	21.32	228	1128564	10.762	ng/ul 99
85) Chrysene	21.37	228	1090280	10.599	ng/ul 98
88) Benzo(b)fluoranthene	22.99	252	1441432	13.361	ng/ul 98
89) Benzo(k)fluoranthene	23.03	252	412089m	3.719	ng/ul
91) Benzo(a)pyrene	23.60	252	942678	9.364	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	26.13	276	645261	5.111	ng/ul 95
93) Dibenz(a,h)anthracene	26.14	278	170568	1.612	ng/ul# 89
94) Benzo(g,h,i)perylene	26.88	276	513907	4.852	ng/ul 96

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

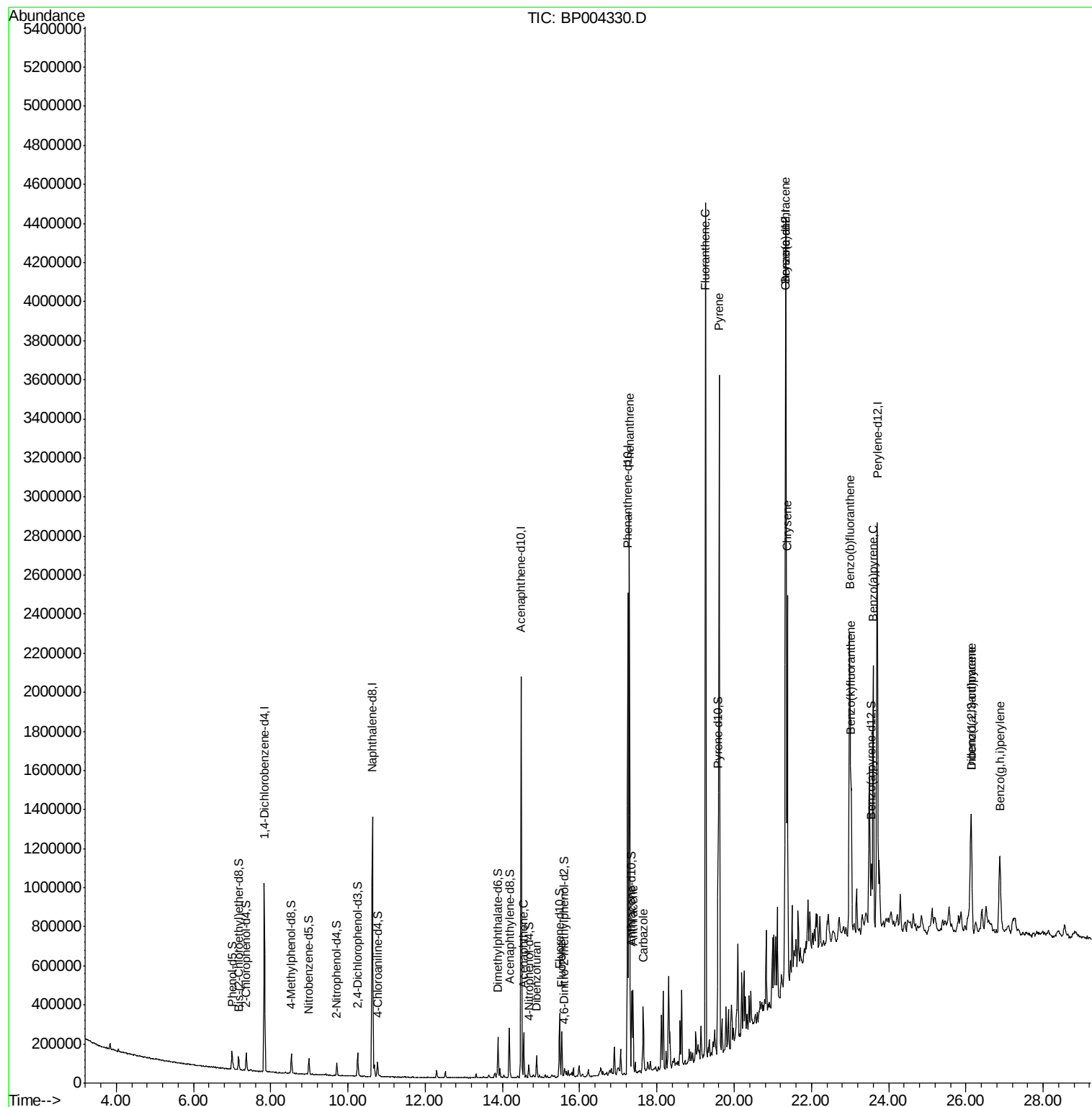
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004330.D
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Sample : L5001-10DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

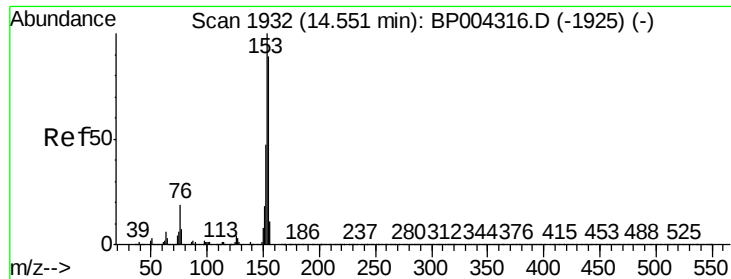
Instrument :
BNA_P
ClientSampled :
A54C8DL

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Quant Time: Dec 17 00:49:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 00:04:11 2020
Response via : Initial Calibration





#50

Acenaphthene

Concen: 1.916 ng/ul

RT: 14.55 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BP004330.D

Acq: 16 Dec 2020 18:21

Instrument :

BNA_P

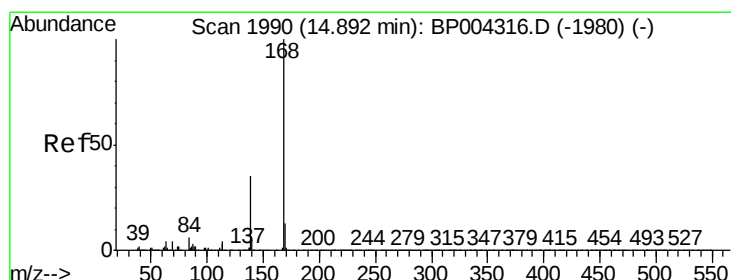
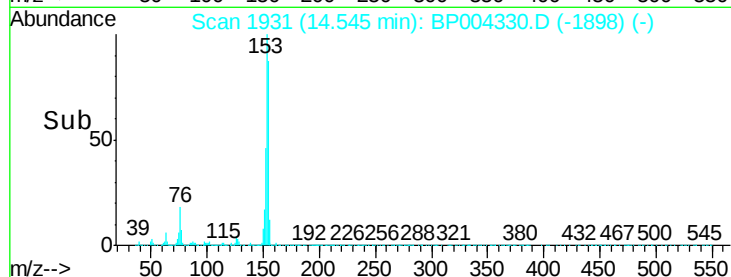
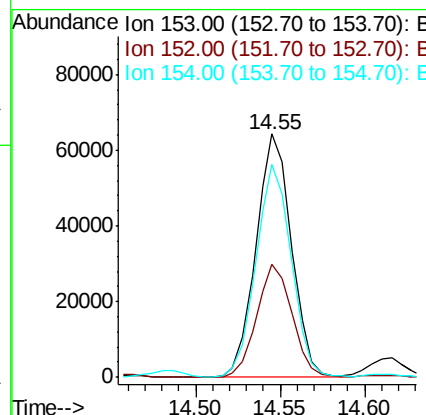
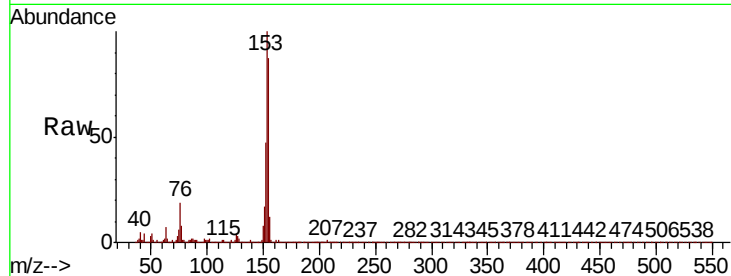
ClientSampleId :

A54C8DL

Tot Ion:	153	Resp:	93529
Ion Ratio	Lower	Upper	
153	100		
152	46.6	37.8	56.6
154	87.4	69.8	104.8

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#54

Dibenzofuran

Concen: 1.022 ng/ul

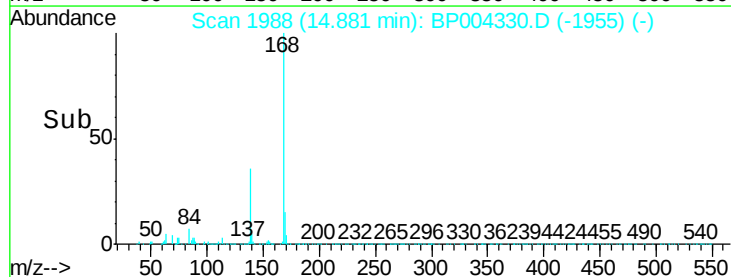
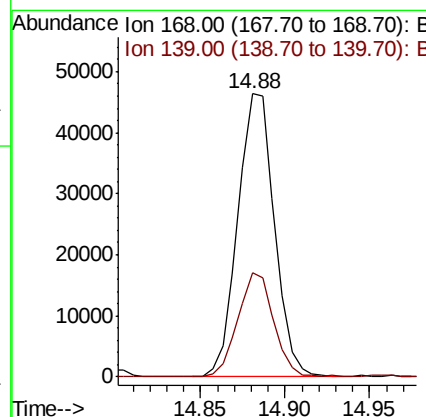
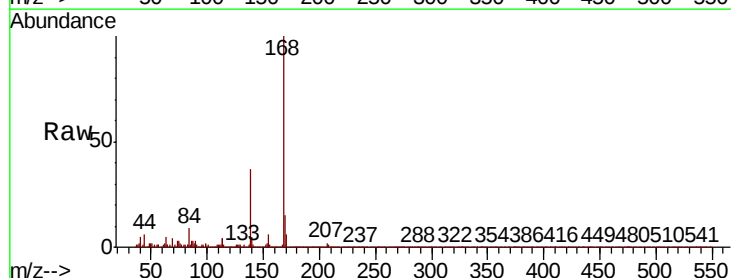
RT: 14.88 min Scan# 1988

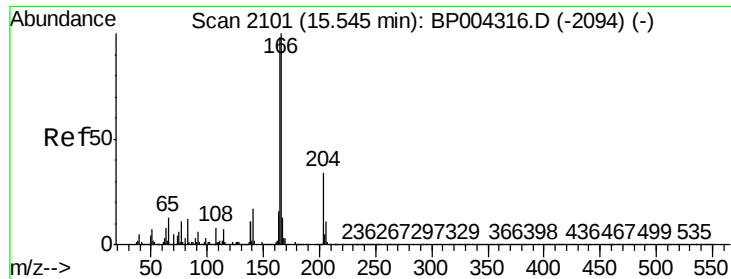
Delta R.T. -0.01 min

Lab File: BP004330.D

Acq: 16 Dec 2020 18:21

Tgt Ion:	168	Resp:	70270
Ion Ratio	Lower	Upper	
168	100		
139	36.7	29.0	43.6





#59

Fluorene

Concen: 1.793 ng/ul

RT: 15.53 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BP004330.D

Acq: 16 Dec 2020 18:21

Instrument :

BNA_P

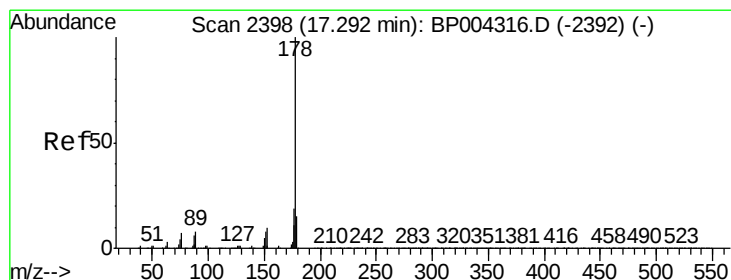
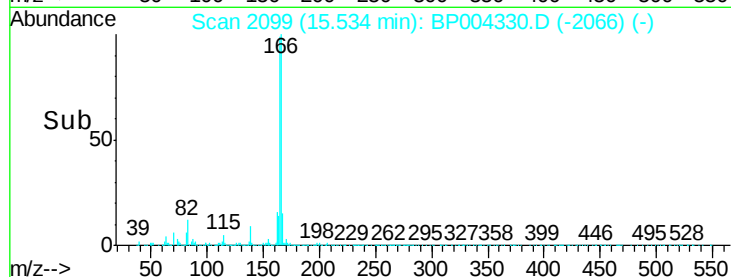
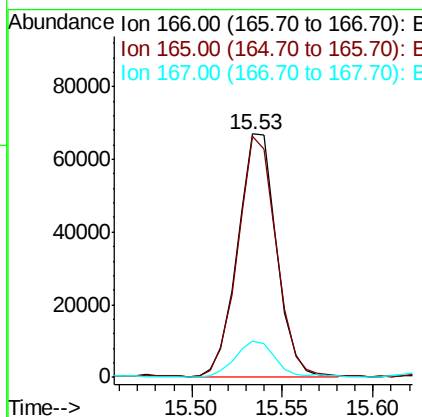
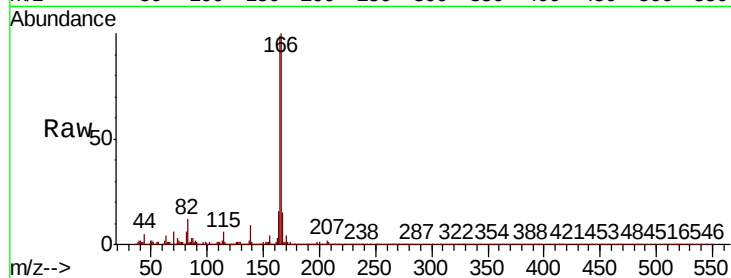
ClientSampleId :

A54C8DL

Tot Ion:	166	Resp:	98645
Ion Ratio	Lower	Upper	
166	100		
165	99.3	78.2	117.2
167	15.0	10.8	16.2

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#70

Phenanthrene

Concen: 19.375 ng/ul

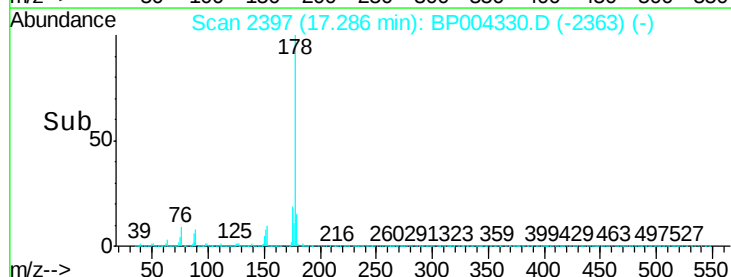
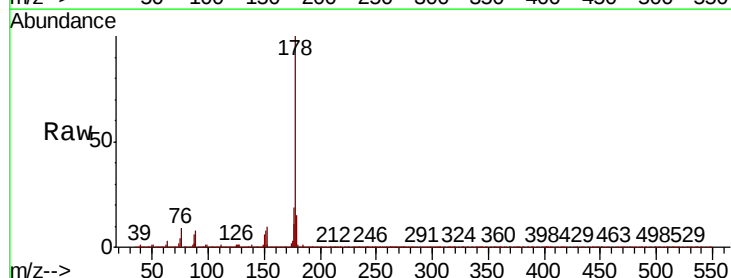
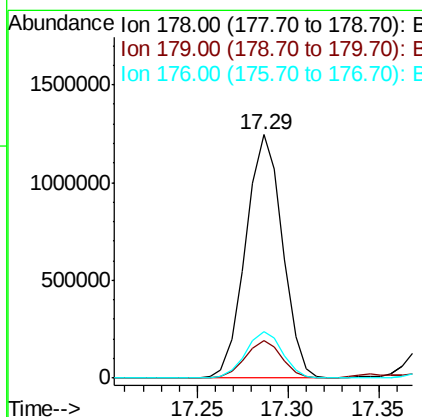
RT: 17.29 min Scan# 2397

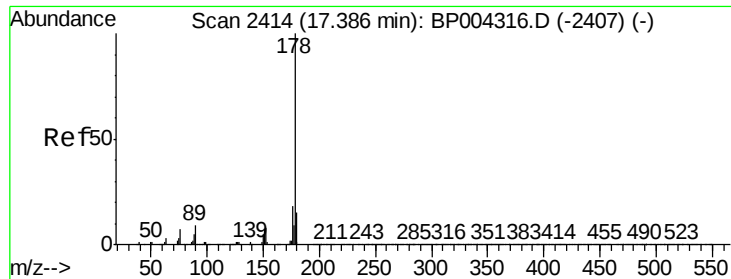
Delta R.T. 0.00 min

Lab File: BP004330.D

Acq: 16 Dec 2020 18:21

Tgt Ion:	178	Resp:	1756474
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.4	18.6
176	19.0	15.4	23.0





#72

Anthracene

Concen: 3.178 ng/ul

RT: 17.38 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BP004330.D

Acq: 16 Dec 2020 18:21

Instrument :

BNA_P

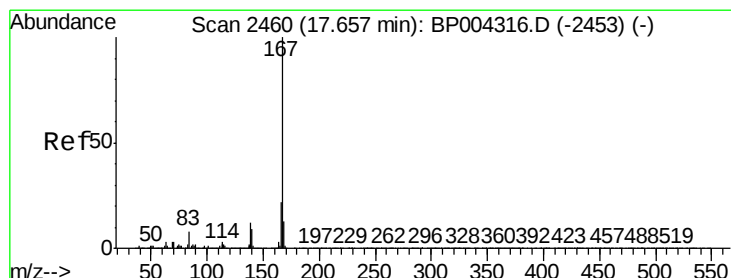
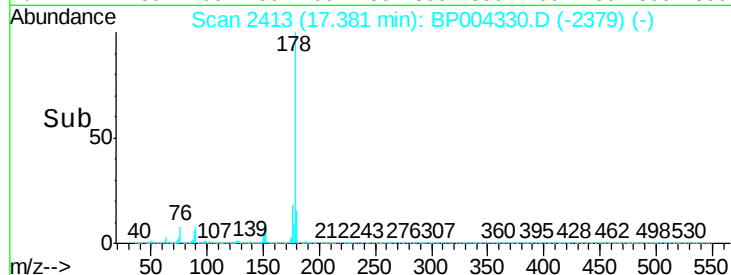
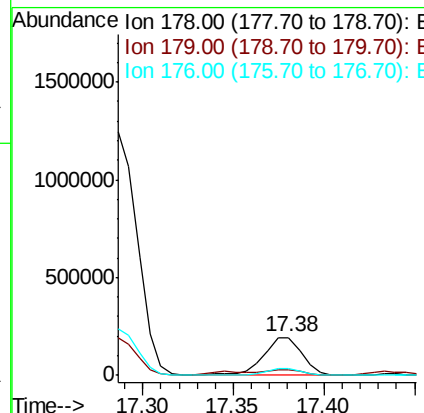
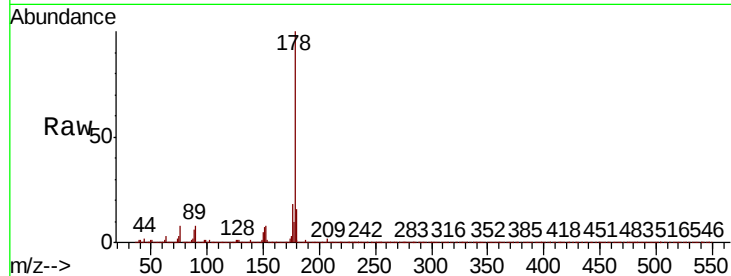
ClientSampleId :

A54C8DL

Tot Ion:	178	Resp:	285030
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.3	18.5
176	17.8	14.9	22.3

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#75

Carbazole

Concen: 2.926 ng/ul

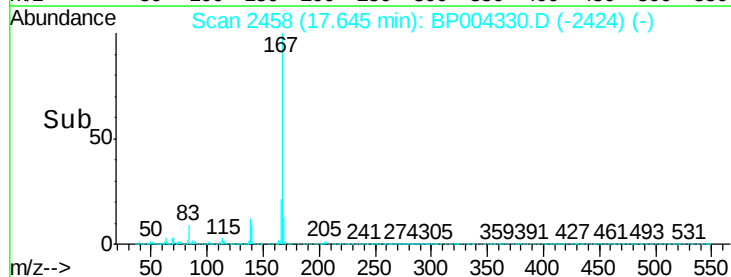
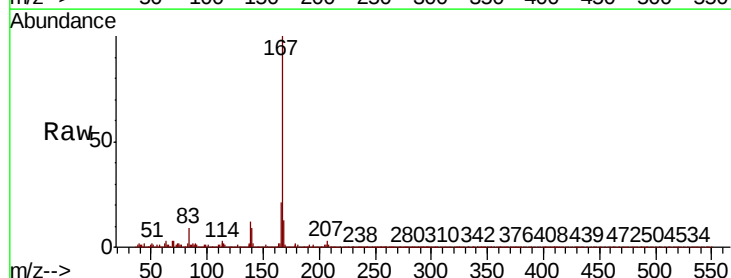
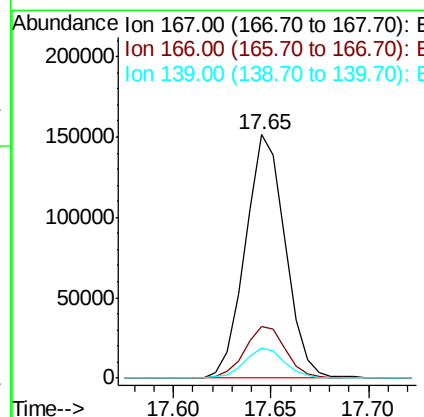
RT: 17.65 min Scan# 2458

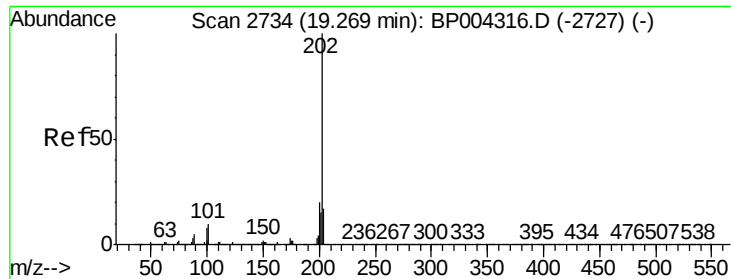
Delta R.T. 0.00 min

Lab File: BP004330.D

Acq: 16 Dec 2020 18:21

Tgt Ion:	167	Resp:	213575
Ion Ratio	Lower	Upper	
167	100		
166	21.3	17.1	25.7
139	12.4	9.8	14.6





#77

Fluoranthene

Concen: 27.632 ng/ul

RT: 19.26 min Scan# 2733

Delta R.T. 0.01 min

Lab File: BP004330.D

Acq: 16 Dec 2020 18:21

Instrument :

BNA_P

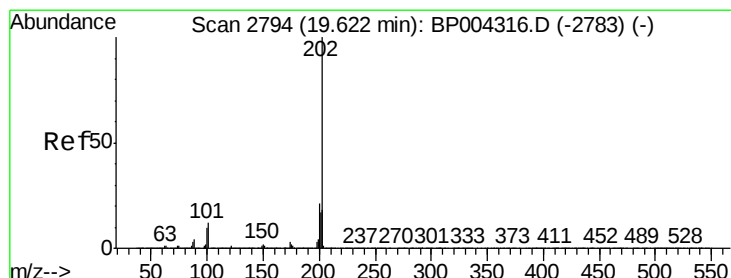
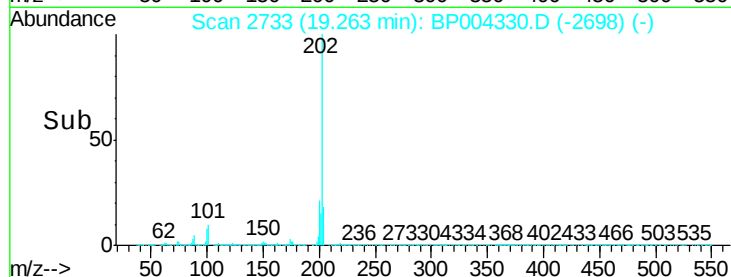
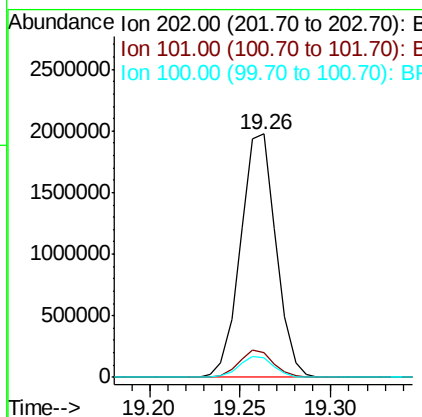
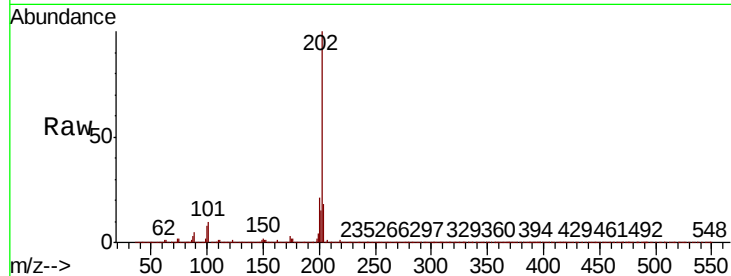
ClientSampleId :

A54C8DL

Tot Ion:	202	Resp:	2674806
Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.1	13.7
100	7.8	7.1	10.7

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#80

Pyrene

Concen: 20.958 ng/ul

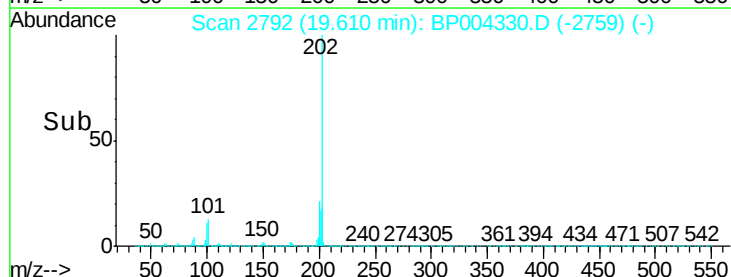
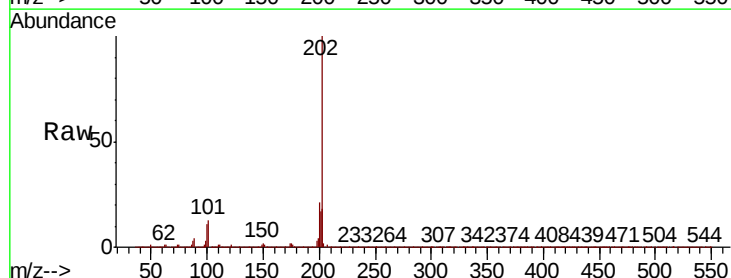
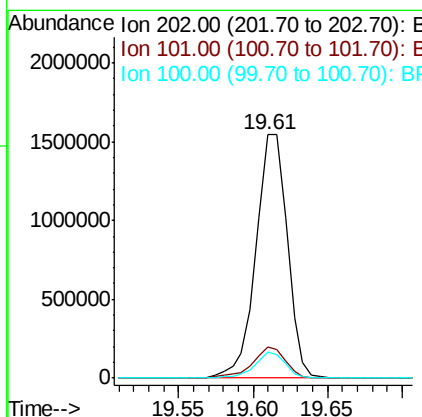
RT: 19.61 min Scan# 2792

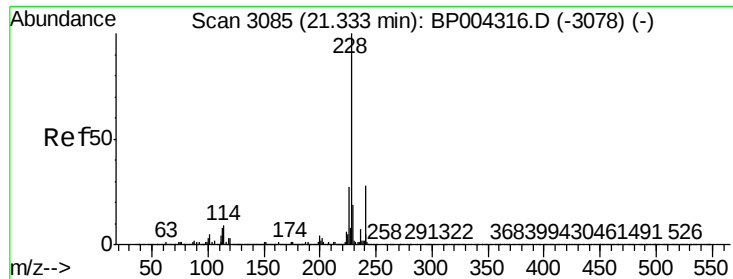
Delta R.T. -0.01 min

Lab File: BP004330.D

Acq: 16 Dec 2020 18:21

Tgt Ion:	202	Resp:	2249008
Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.6	15.8
100	10.6	8.6	12.8





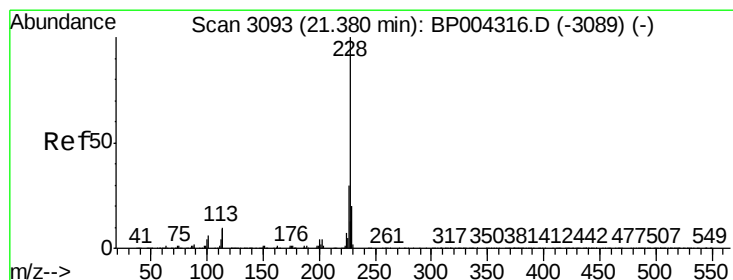
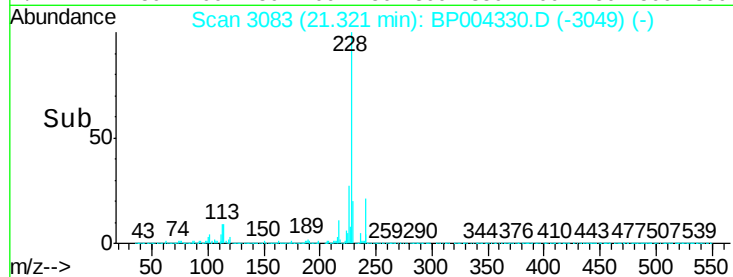
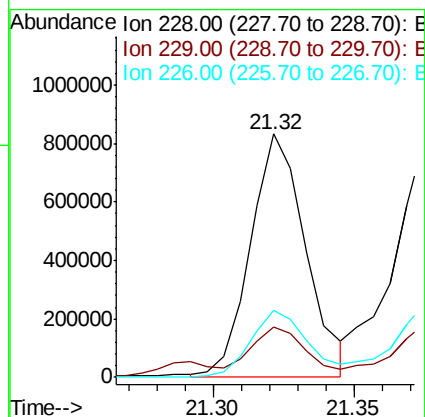
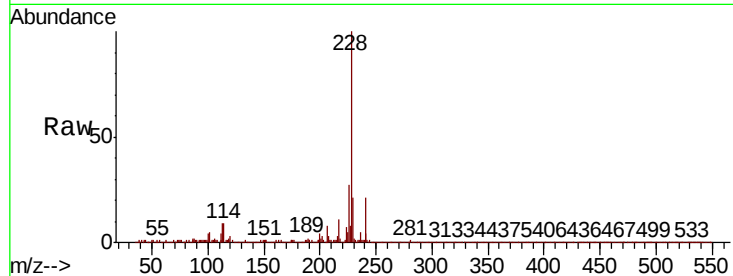
#83
Benzo(a)anthracene
Concen: 10.762 ng/ul
RT: 21.32 min Scan# 3083
Delta R.T. 0.00 min
Lab File: BP004330.D
Acq: 16 Dec 2020 18:21

Instrument :
BNA_P
ClientSampleId :
A54C8DL

Tot Ion:	228	Resp:	1128564
Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	27.3	21.7	32.5

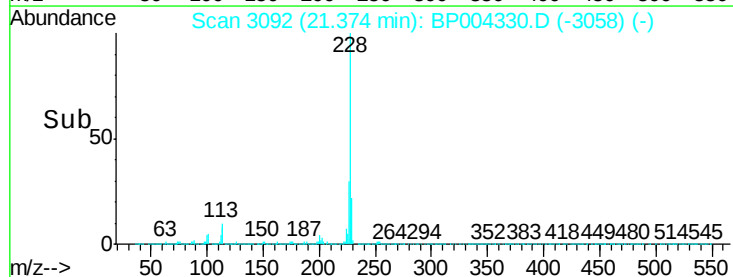
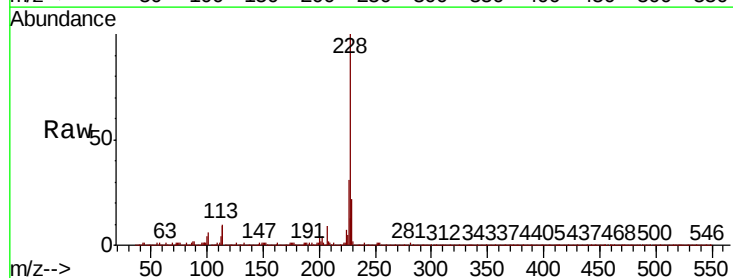
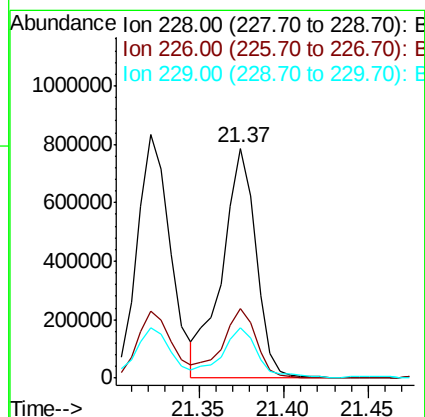
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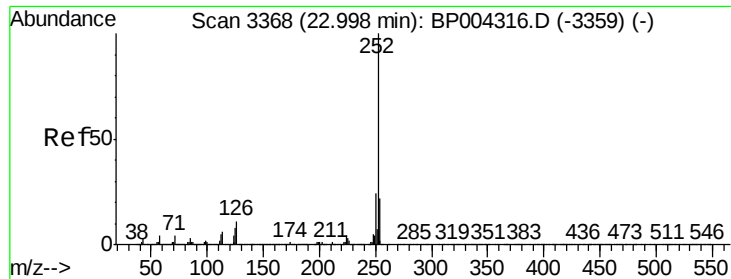
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#85
Chrysene
Concen: 10.599 ng/ul
RT: 21.37 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP004330.D
Acq: 16 Dec 2020 18:21

Tgt Ion:	228	Resp:	1090280
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	22.2	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 13.361 ng/ul

RT: 22.99 min Scan# 3368

Delta R.T. 0.01 min

Lab File: BP004330.D

Acq: 16 Dec 2020 18:21

Instrument :

BNA_P

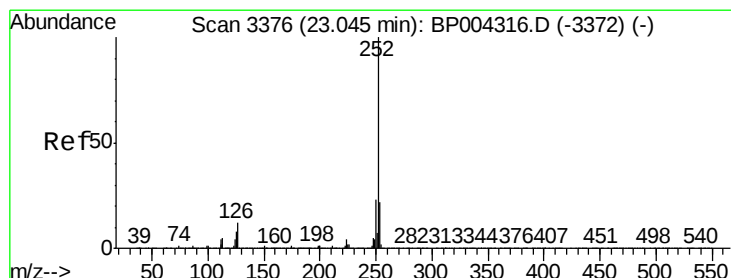
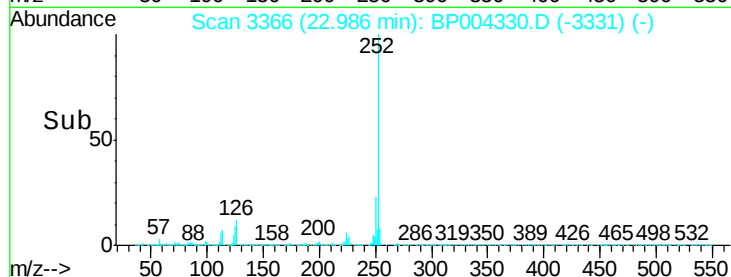
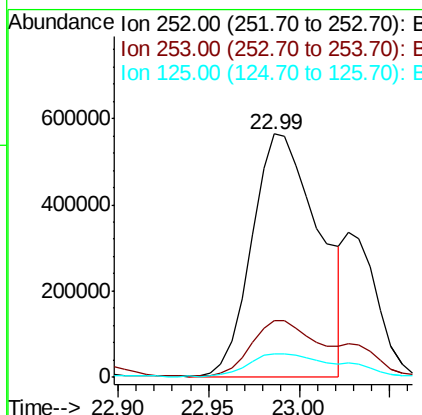
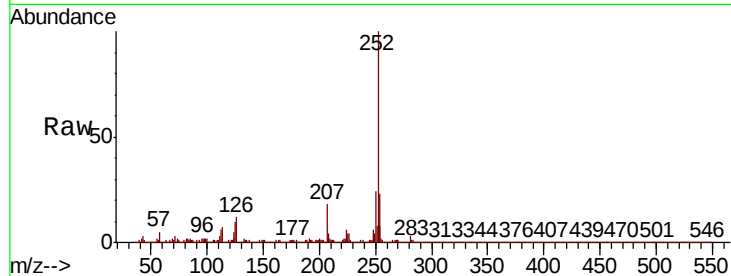
ClientSampleId :

A54C8DL

Tot Ion:	252	Resp:	1441432
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.6	26.4
125	9.7	7.7	11.5

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#89

Benzo(k)fluoranthene

Concen: 3.719 ng/ul m

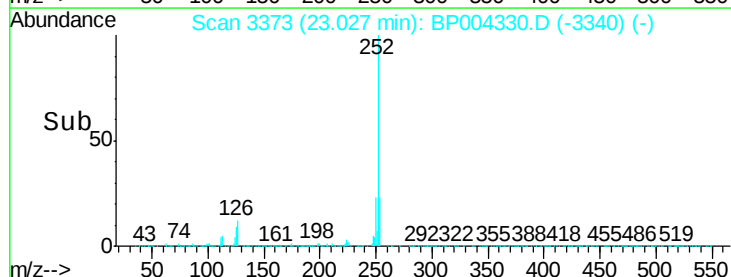
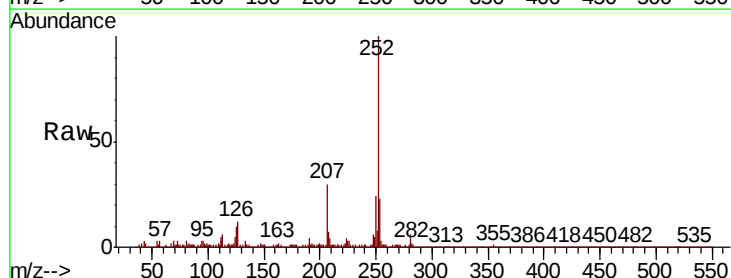
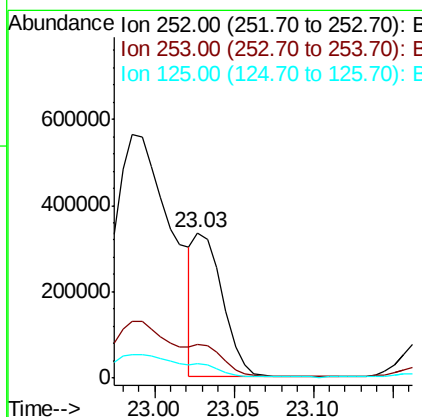
RT: 23.03 min Scan# 3373

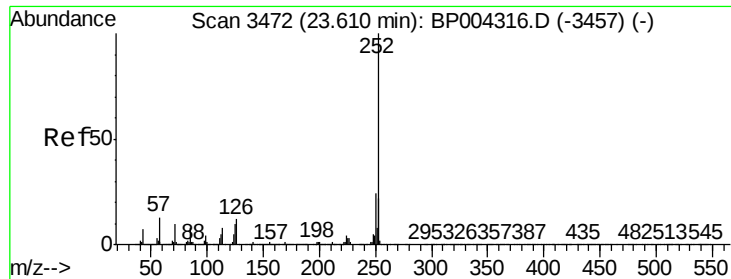
Delta R.T. -0.01 min

Lab File: BP004330.D

Acq: 16 Dec 2020 18:21

Tgt Ion:	252	Resp:	412089
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.2
125	9.7	7.3	10.9





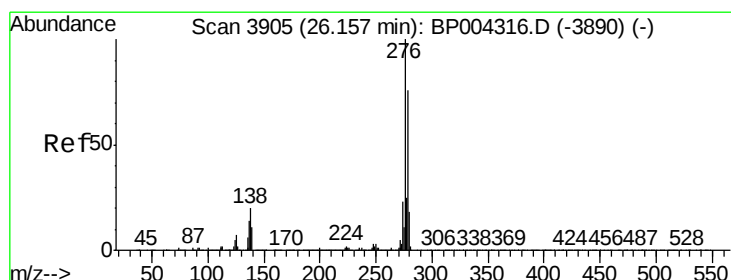
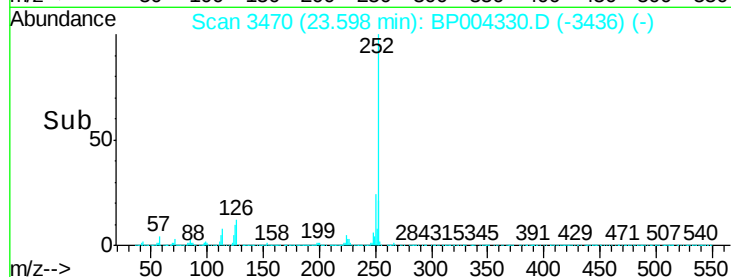
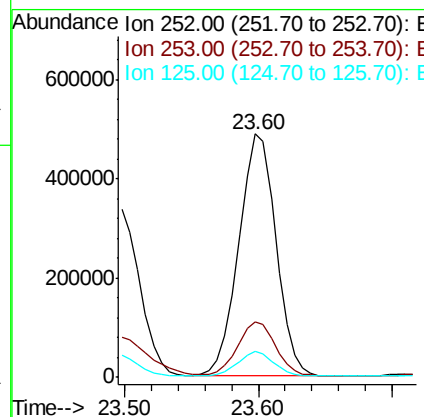
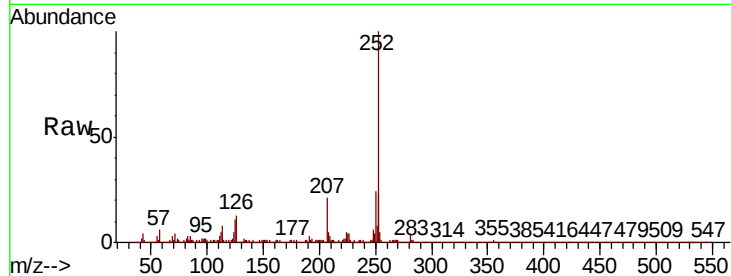
#91
Benzo(a)pyrene
Concen: 9.364 ng/ul
RT: 23.60 min Scan# 3470
Delta R.T. 0.00 min
Lab File: BP004330.D
Acq: 16 Dec 2020 18:21

Instrument :
BNA_P
ClientSampleId :
A54C8DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	10.6	7.8	11.6

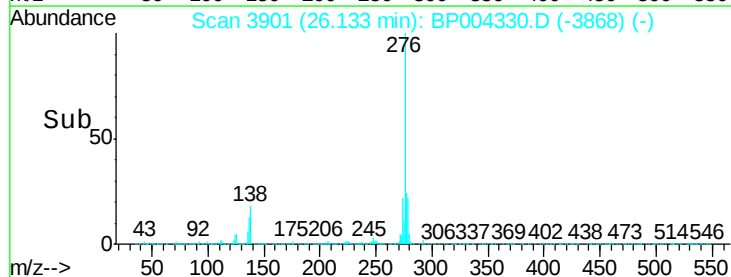
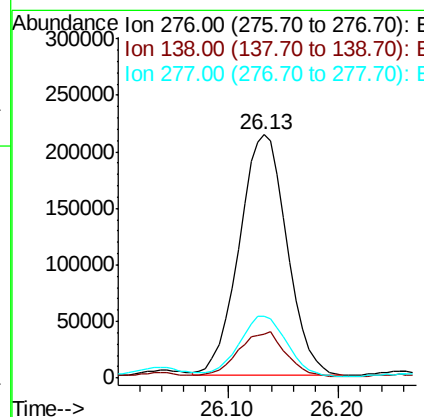
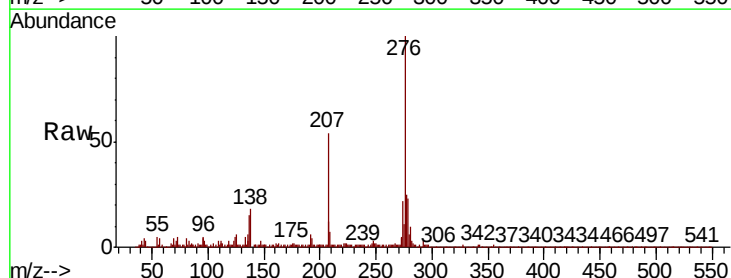
Manual Integrations
APPROVED

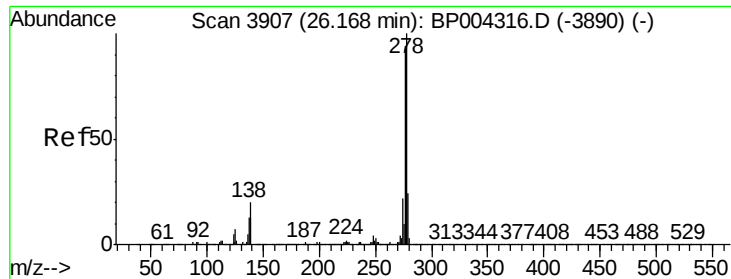
mohammad
12/18/2020 10:25:10 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 5.111 ng/ul
RT: 26.13 min Scan# 3901
Delta R.T. -0.01 min
Lab File: BP004330.D
Acq: 16 Dec 2020 18:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.1	17.8	26.6
277	25.3	19.8	29.6





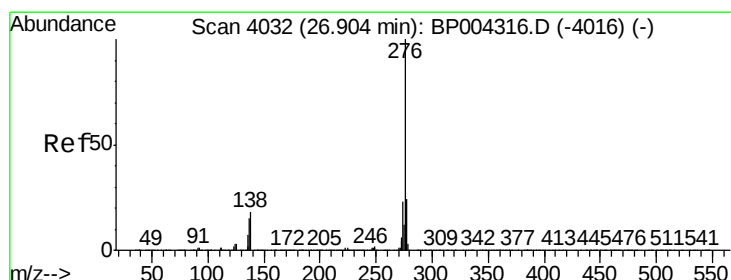
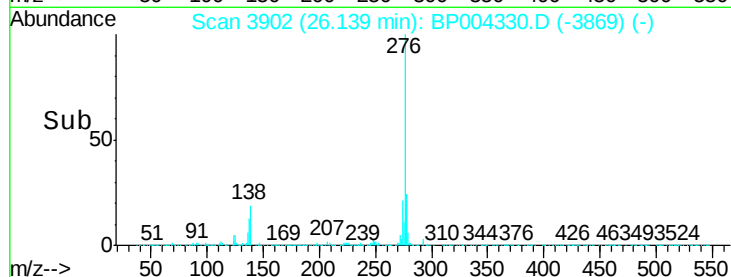
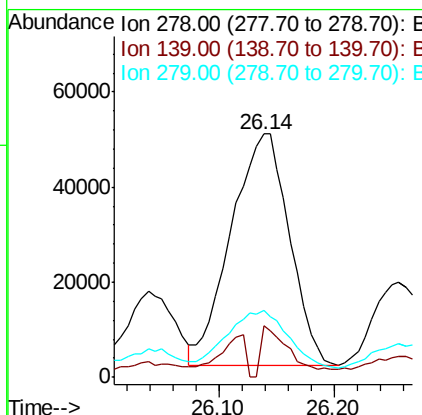
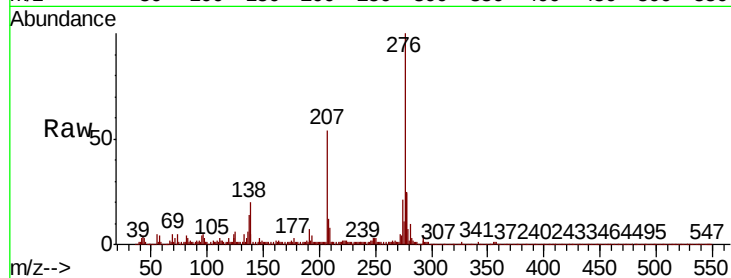
#93
Dibenzo(a,h)anthracene
Concen: 1.612 ng/ul
RT: 26.14 min Scan# 3902
Delta R.T. -0.01 min
Lab File: BP004330.D
Acq: 16 Dec 2020 18:21

Instrument :
BNA_P
ClientSampleId :
A54C8DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.3	11.9	17.9#
279	27.7	18.6	28.0

Manual Integrations
APPROVED

mohammad
12/18/2020 10:25:10 AM



#94
Benzo(g,h,i)perylene
Concen: 4.852 ng/ul
RT: 26.88 min Scan# 4028
Delta R.T. 0.00 min
Lab File: BP004330.D
Acq: 16 Dec 2020 18:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.6	25.0
277	24.4	18.5	27.7

