

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122120\
 Data File : BP004403.D
 Acq On : 21 Dec 2020 11:24
 Operator : CG/JU
 Sample : L5134-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleID :
 BFN58DL

Manual Integrations
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Quant Time: Dec 21 12:31:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 18 17:12:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	290828	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1102766	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	588977	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1120101	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1142635	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1354048	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	4070	0.58	ng/uL	0.00
5) Phenol-d5	6.99	99	66723	2.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	41895	2.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	56679	2.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	42065	2.09	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	28093	2.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	27950	2.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	50009	2.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	34518	1.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	143542	3.04	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	190509	3.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	7527	0.88	ng/ul	0.01
58) Fluorene-d10	15.47	176	123534	3.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	6263	0.87	ng/ul	0.00
71) Anthracene-d10	17.33	188	176694	3.19	ng/ul	0.00
79) Pyrene-d10	19.57	212	196294	3.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	243208	3.26	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.67	128	81548	1.316 ng/ul	98
48) Acenaphthylene	14.19	152	110674	1.935 ng/ul	98
50) Acenaphthene	14.53	153	73627	1.837 ng/ul	99
54) Dibenzofuran	14.87	168	86909	1.540 ng/ul	98
59) Fluorene	15.52	166	77599m	1.697 ng/ul	
70) Phenanthrene	17.27	178	1621067	24.921 ng/ul	100
72) Anthracene	17.36	178	331409	5.087 ng/ul	100
75) Carbazole	17.64	167	132216	2.455 ng/ul	97
77) Fluoranthene	19.25	202	2526772	34.245 ng/ul	99
80) Pyrene	19.60	202	2286737	29.388 ng/ul	99
83) Benzo(a)anthracene	21.32	228	1159206	15.052 ng/ul	96
85) Chrysene	21.36	228	1029673	13.848 ng/ul	97
88) Benzo(b)fluoranthene	22.97	252	1498029	16.962 ng/ul	99
89) Benzo(k)fluoranthene	23.02	252	546445m	6.377 ng/ul	
91) Benzo(a)pyrene	23.59	252	1160631	14.247 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.11	276	864781	8.402 ng/ul	96
93) Dibenzo(a,h)anthracene	26.12	278	193779	2.260 ng/ul#	81
94) Benzo(g,h,i)perylene	26.86	276	713613	8.264 ng/ul	98

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

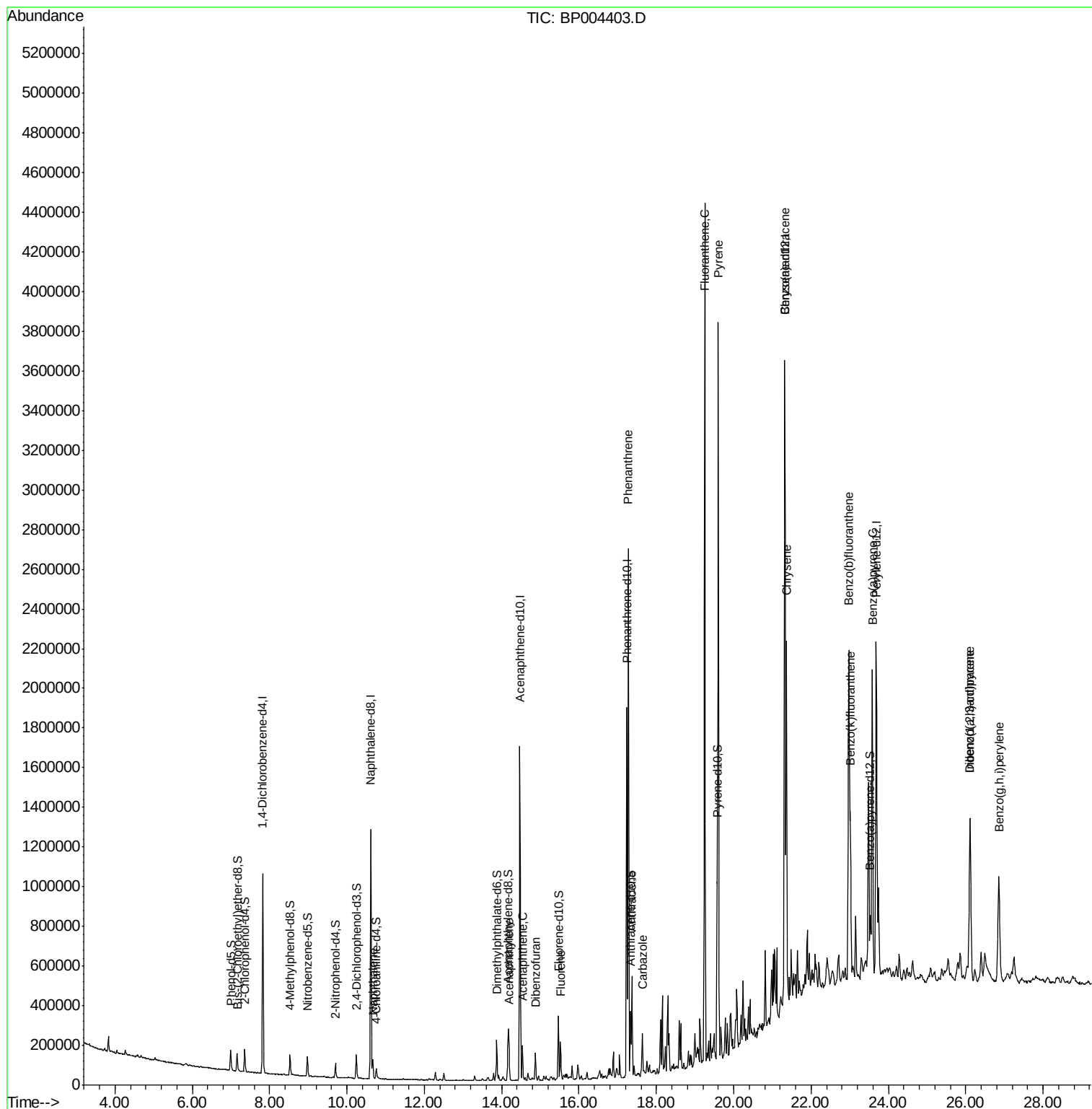
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122120\
Data File : BP004403.D
Acq On : 21 Dec 2020 11:24
Operator : CG/JU
Sample : L5134-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

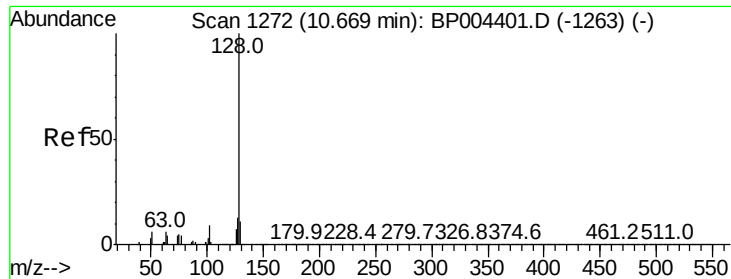
Instrument :
BNA_P
ClientSampled :
BFN58DL

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Quant Time: Dec 21 12:31:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 17:12:07 2020
Response via : Initial Calibration





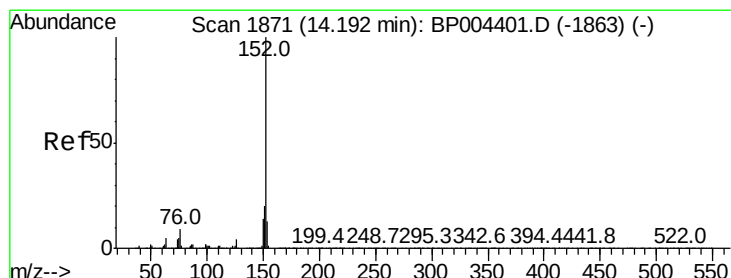
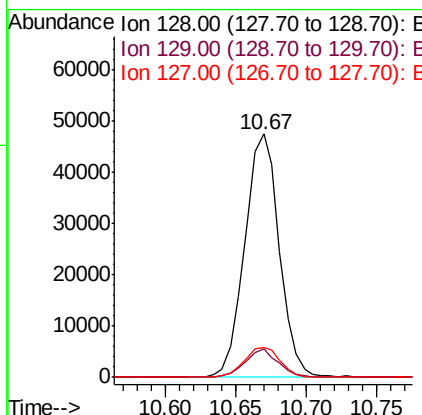
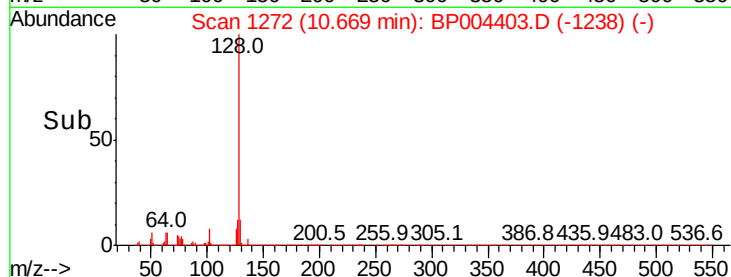
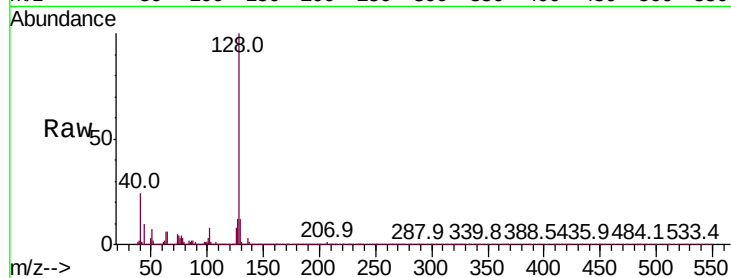
#28
Naphthalene
Concen: 1.316 ng/ul
RT: 10.67 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BP004403.D
Acq: 21 Dec 2020 11:24

Instrument :
BNA_P
ClientSampleId :
BFN58DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.8	13.2
127	12.4	10.4	15.6

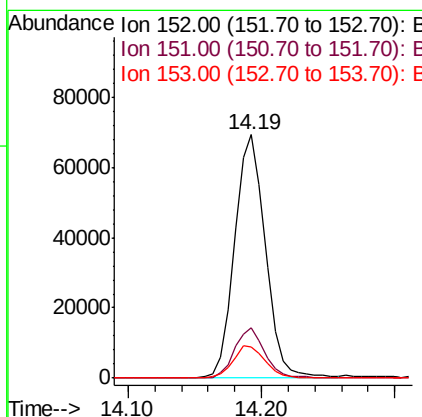
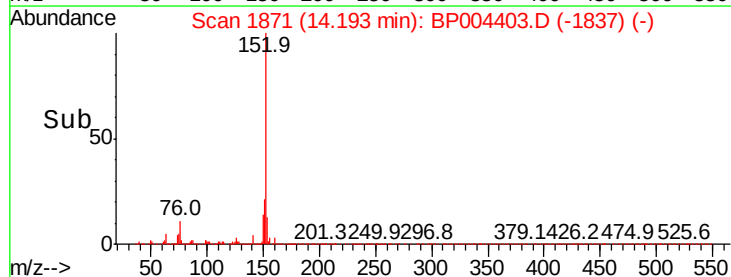
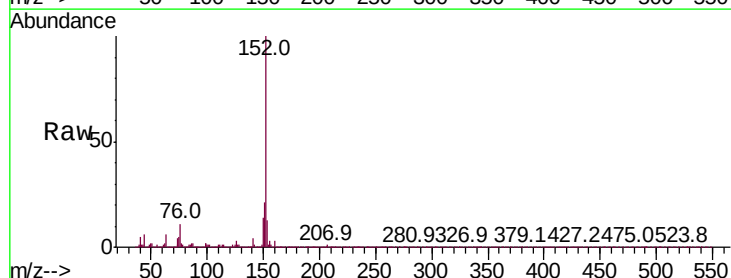
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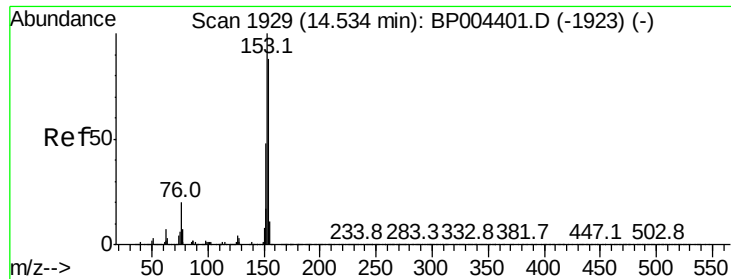
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#48
Acenaphthylene
Concen: 1.935 ng/ul
RT: 14.19 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BP004403.D
Acq: 21 Dec 2020 11:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.8	23.6
153	12.9	10.6	15.8





#50

Acenaphthene

Concen: 1.837 ng/ul

RT: 14.53 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP004403.D

Acq: 21 Dec 2020 11:24

Instrument :

BNA_P

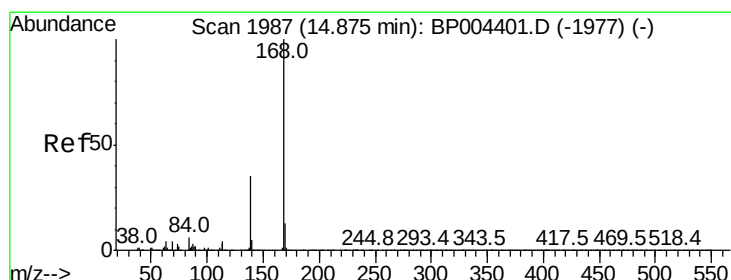
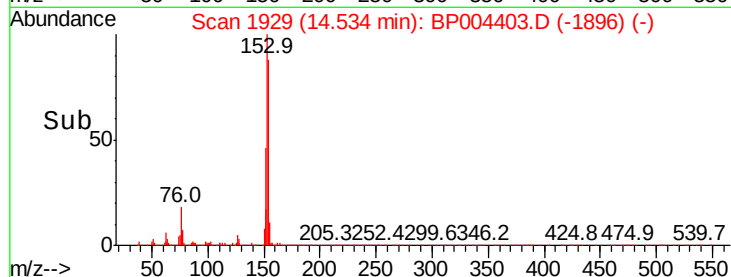
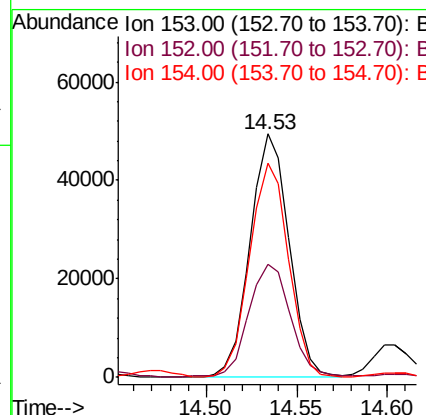
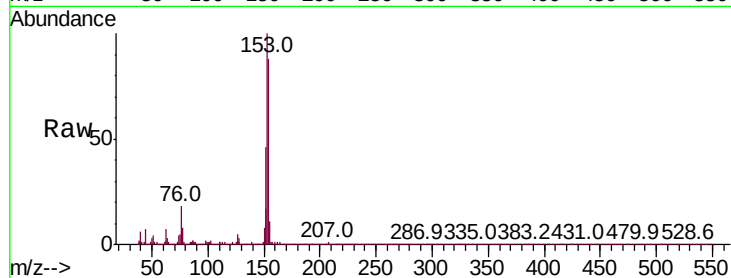
ClientSampleId :

BFN58DL

Tot Ion:	153	Resp:	73627
Ion Ratio	Lower	Upper	
153	100		
152	46.2	37.8	56.8
154	88.1	71.4	107.0

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#54

Dibenzofuran

Concen: 1.540 ng/ul

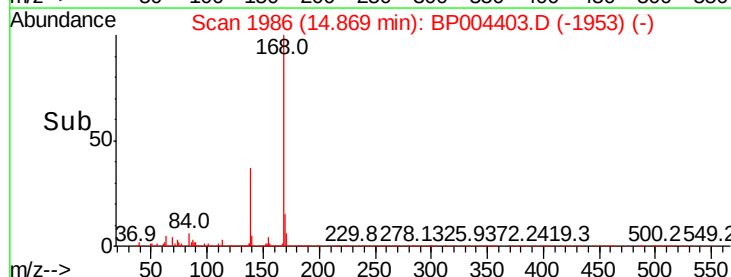
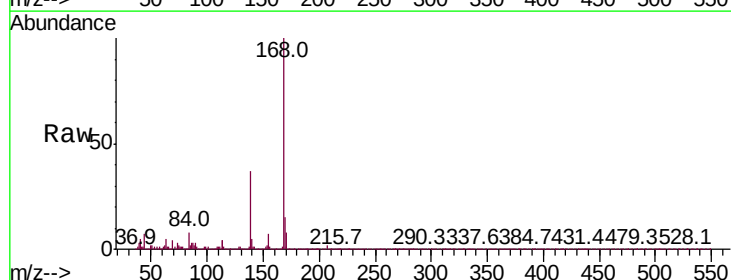
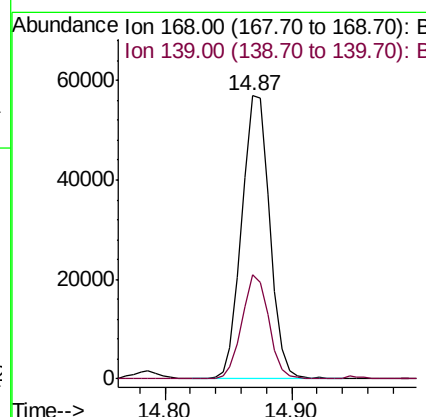
RT: 14.87 min Scan# 1986

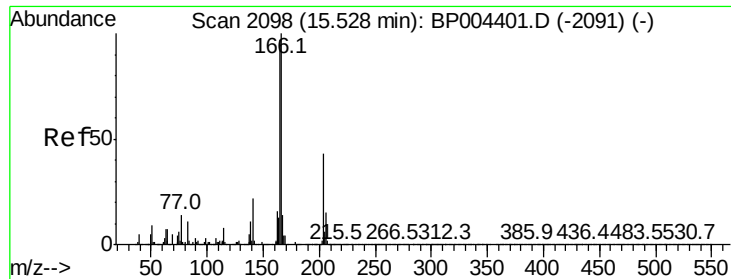
Delta R.T. -0.01 min

Lab File: BP004403.D

Acq: 21 Dec 2020 11:24

Tgt Ion:	168	Resp:	86909
Ion Ratio	Lower	Upper	
168	100		
139	36.7	28.3	42.5





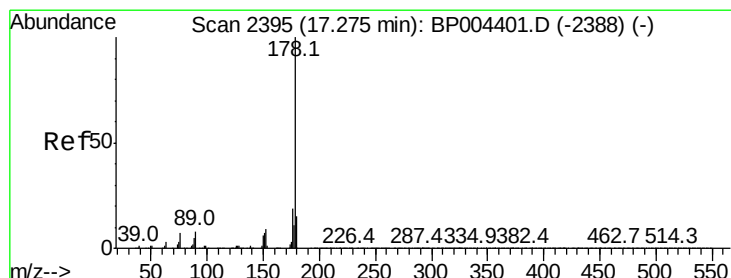
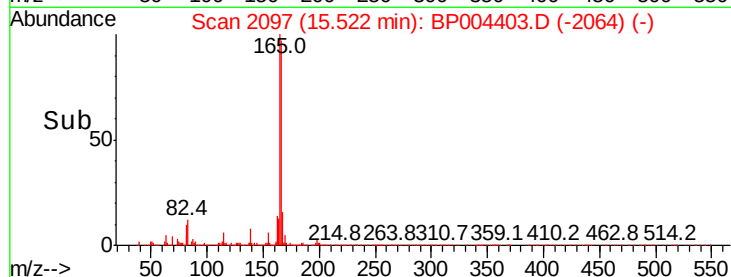
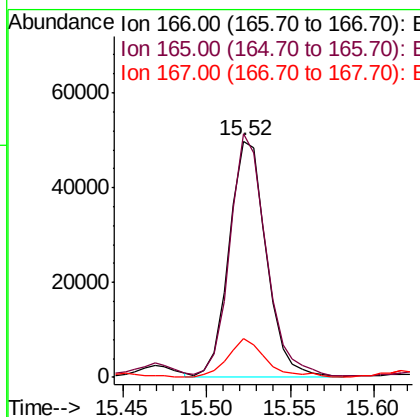
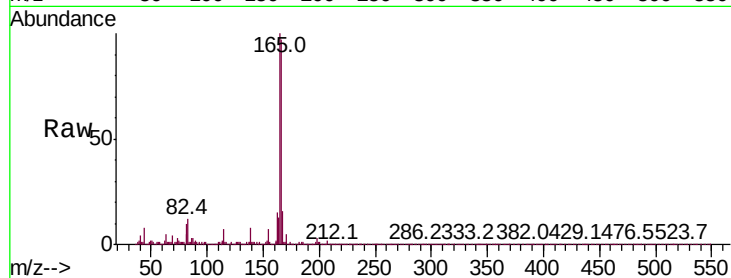
#59
Fluorene
Concen: 1.697 ng/ul m
RT: 15.52 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BP004403.D
Acq: 21 Dec 2020 11:24

Instrument :
BNA_P
ClientSampleId :
BFN58DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	103.0	79.2	118.8
167	16.3	10.8	16.2

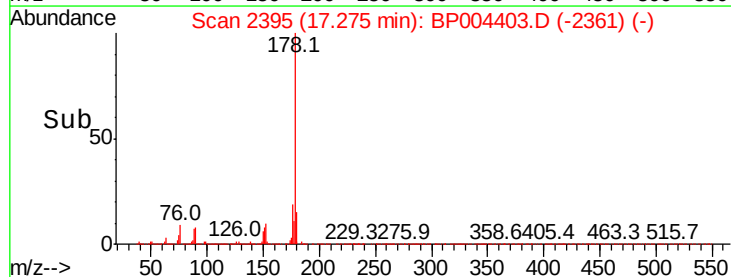
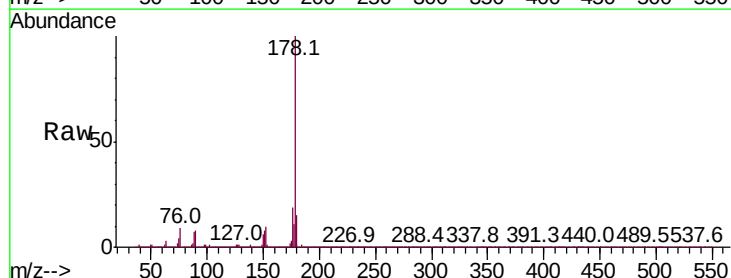
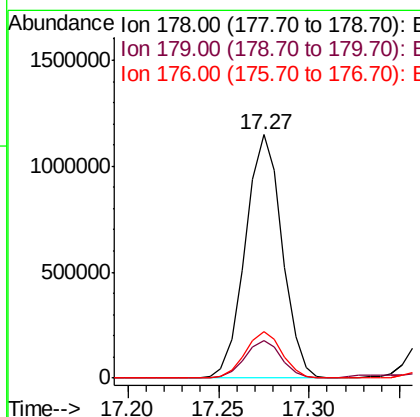
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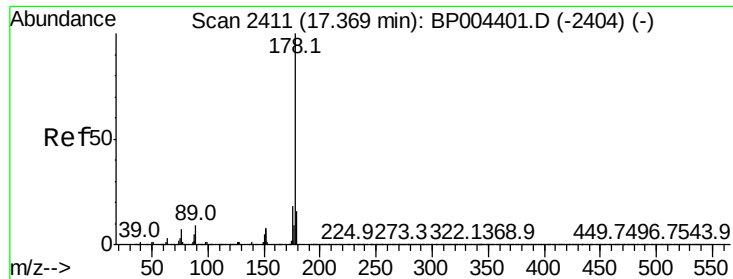
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#70
Phenanthrene
Concen: 24.921 ng/ul
RT: 17.27 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BP004403.D
Acq: 21 Dec 2020 11:24

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	19.2	15.3	22.9





#72

Anthracene

Concen: 5.087 ng/ul

RT: 17.36 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BP004403.D

Acq: 21 Dec 2020 11:24

Instrument :

BNA_P

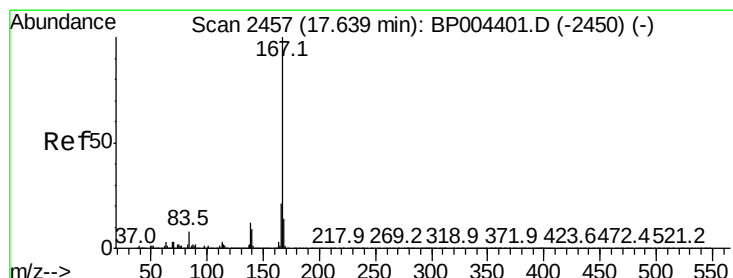
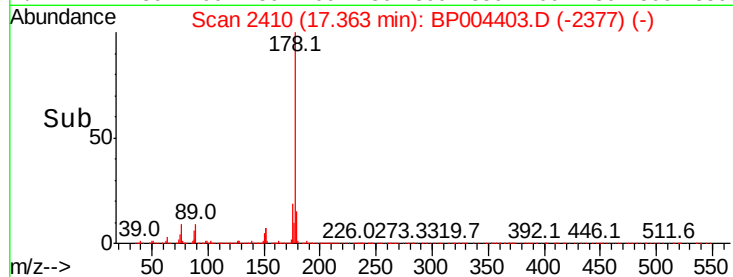
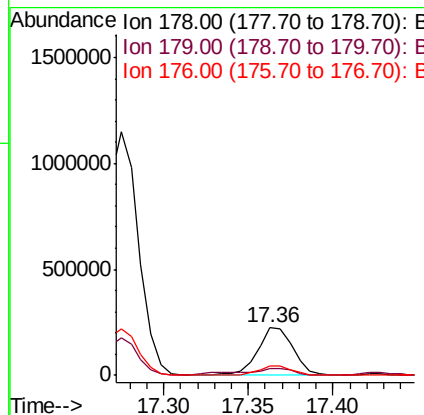
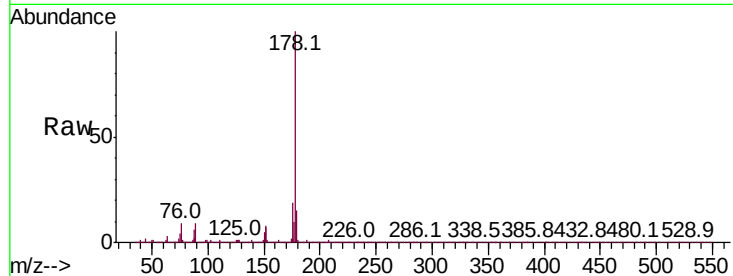
ClientSampleId :

BFN58DL

Tot Ion:	178	Resp:	331409
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.4	18.6
176	18.6	15.0	22.4

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#75

Carbazole

Concen: 2.455 ng/ul

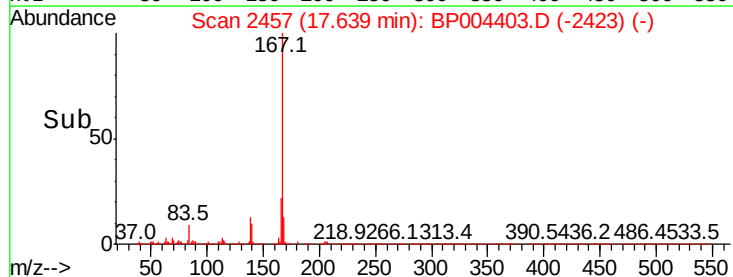
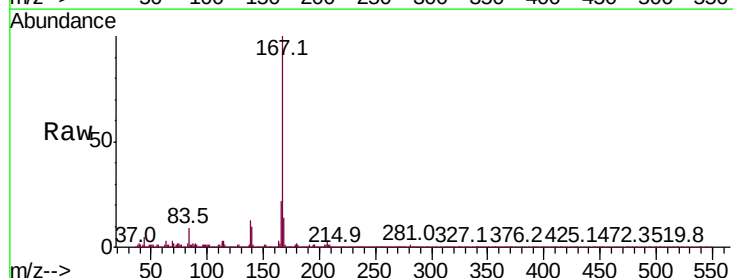
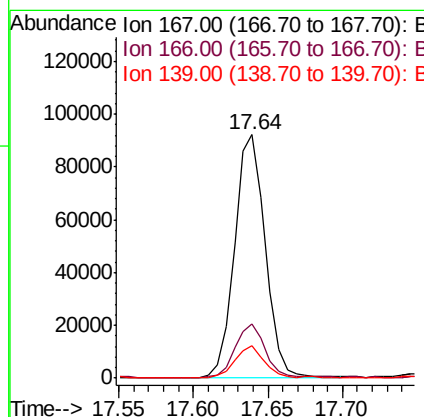
RT: 17.64 min Scan# 2457

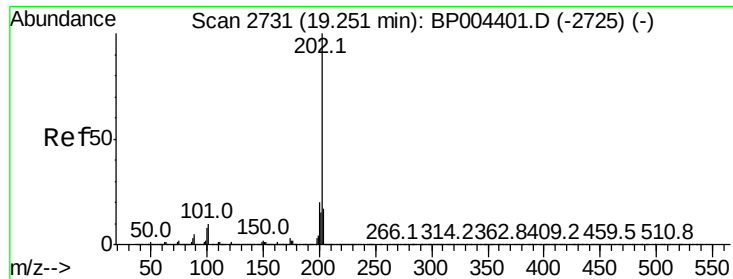
Delta R.T. 0.00 min

Lab File: BP004403.D

Acq: 21 Dec 2020 11:24

Tgt Ion:	167	Resp:	132216
Ion Ratio	Lower	Upper	
167	100		
166	22.5	16.9	25.3
139	13.5	9.5	14.3





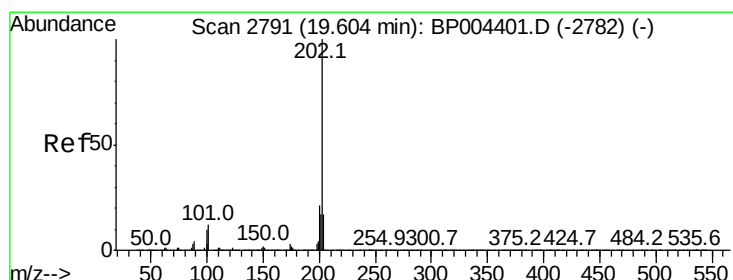
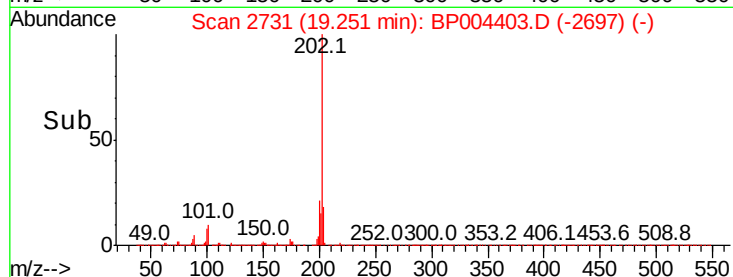
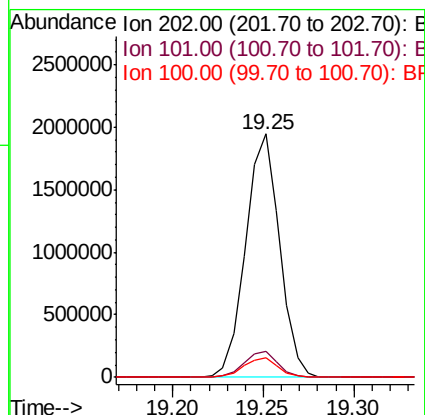
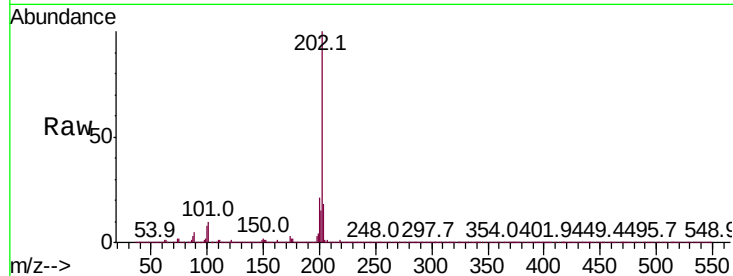
#77
 Fluoranthene
 Concen: 34.245 ng/ul
 RT: 19.25 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: BP004403.D
 Acq: 21 Dec 2020 11:24

Instrument :
 BNA_P
 ClientSampleId :
 BFN58DL

Tot Ion:	202	Resp:	2526772
Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.0	12.0
100	8.1	6.2	9.4

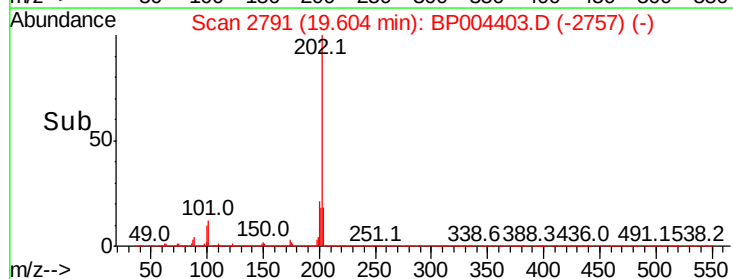
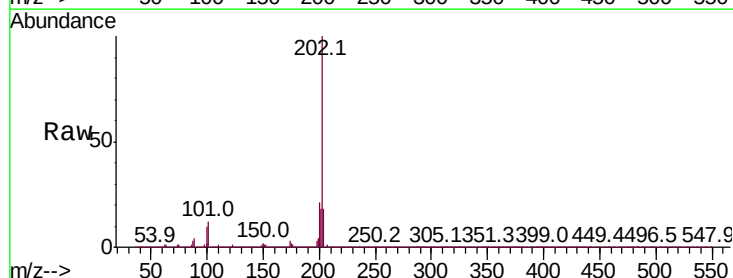
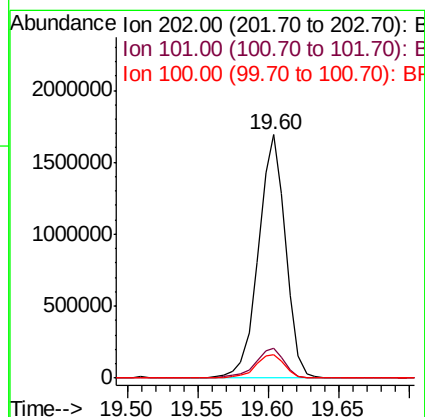
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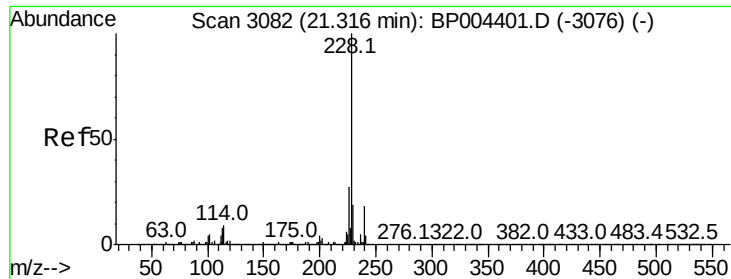
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#80
 Pyrene
 Concen: 29.388 ng/ul
 RT: 19.60 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BP004403.D
 Acq: 21 Dec 2020 11:24

Tgt Ion:	202	Resp:	2286737
Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
100	9.8	8.0	12.0





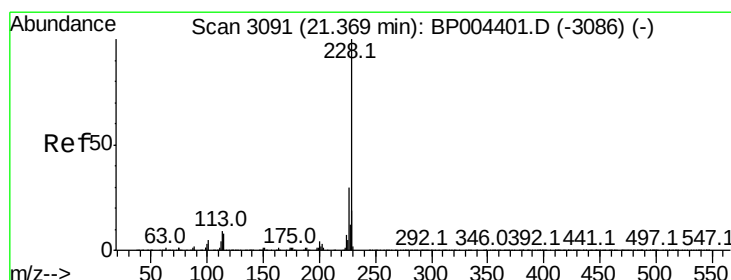
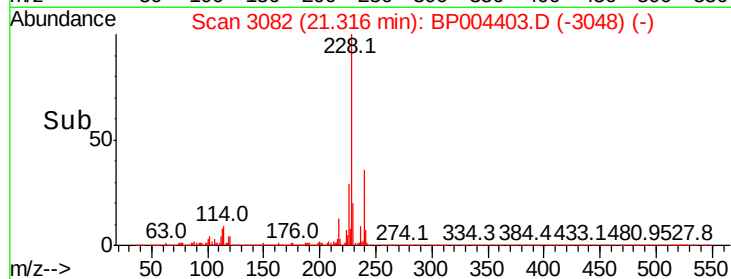
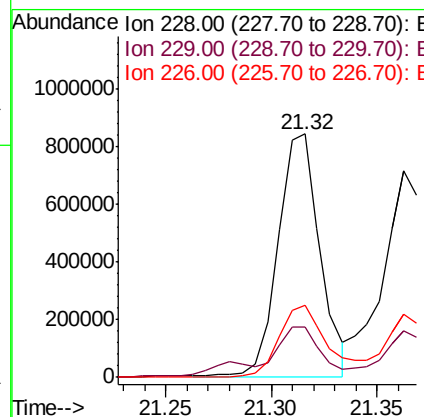
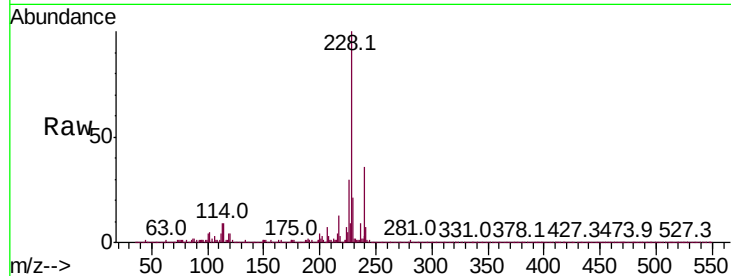
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Benzo(a)anthracene
Concen: 15.052 ng/ul
RT: 21.32 min Scan# 3082
Delta R.T. 0.00 min
Lab File: BP004403.D
Acq: 21 Dec 2020 11:24

Instrument :
BNA_P
ClientSampleId :
BFN58DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.2
226	29.6	21.6	32.4

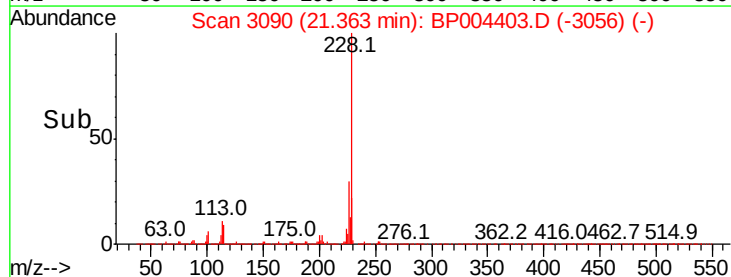
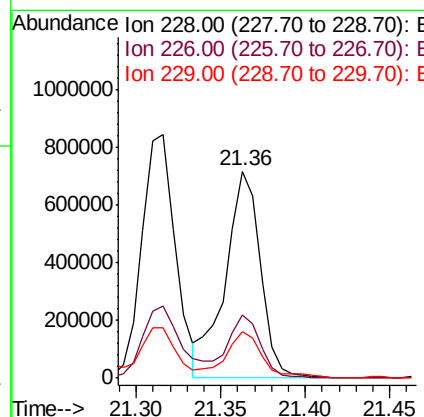
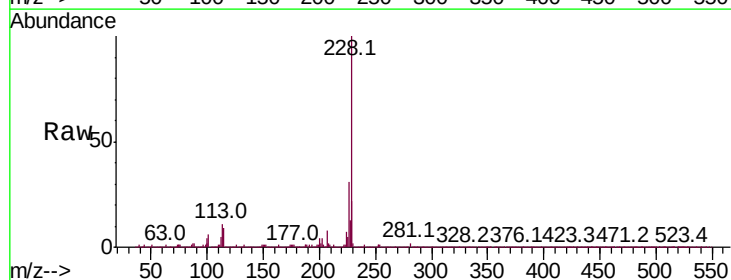
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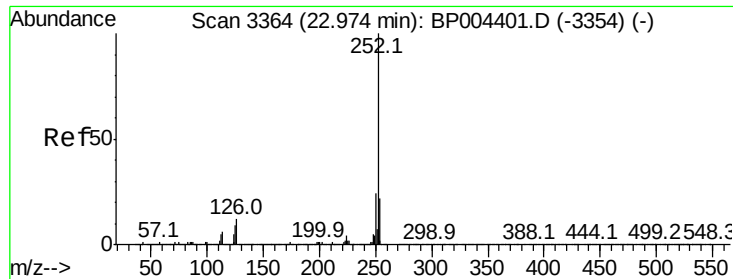
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#85
Chrysene
Concen: 13.848 ng/ul
RT: 21.36 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BP004403.D
Acq: 21 Dec 2020 11:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.4
229	22.4	15.8	23.6





#88

Benzo(b)fluoranthene

Concen: 16.962 ng/ul

RT: 22.97 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BP004403.D

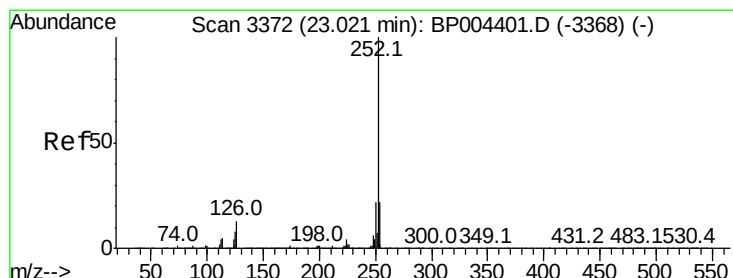
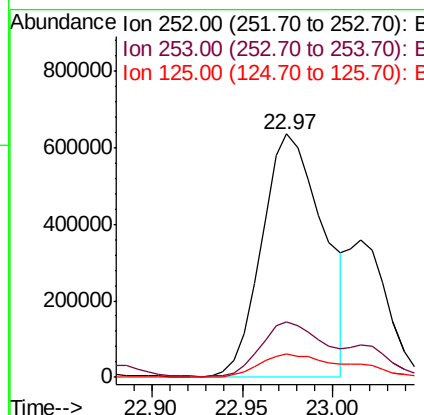
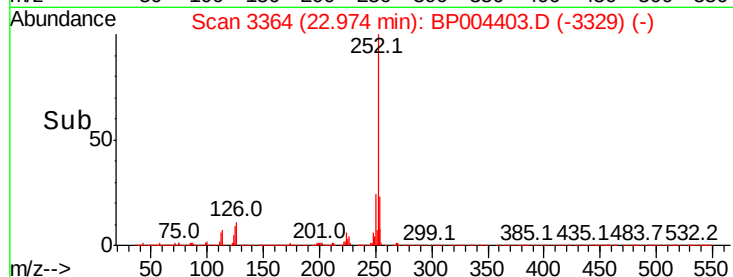
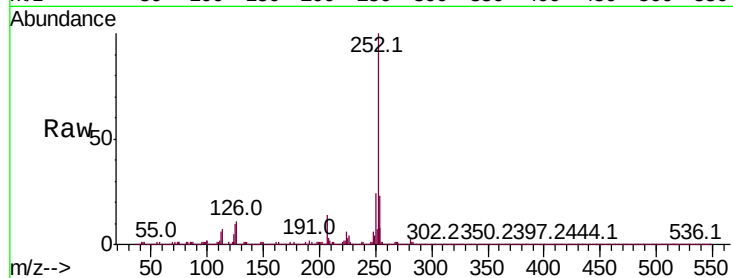
Acq: 21 Dec 2020 11:24

Instrument :
BNA_P
ClientSampleId :
BFN58DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	9.7	7.2	10.8

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 6.377 ng/ul m

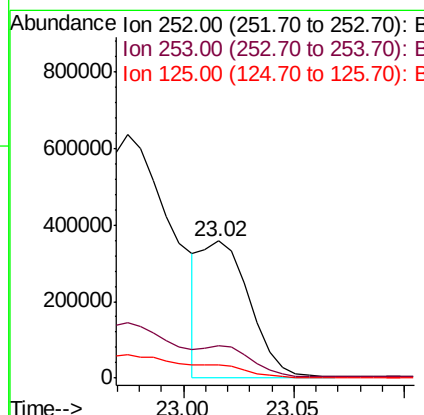
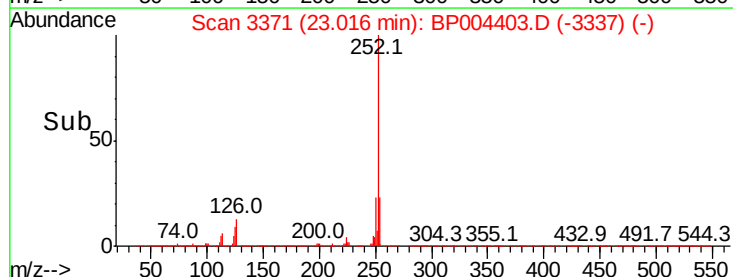
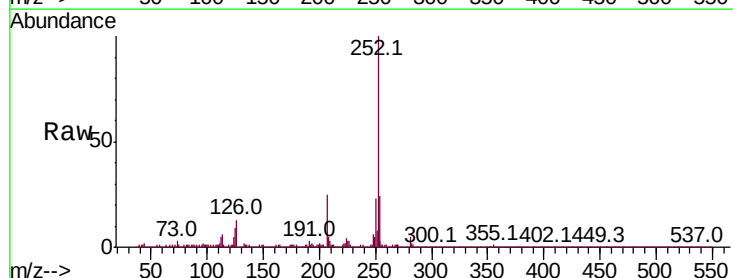
RT: 23.02 min Scan# 3371

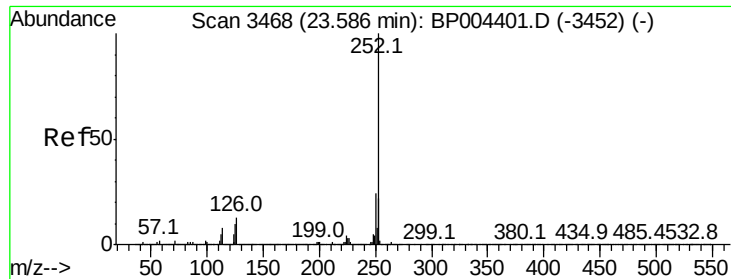
Delta R.T. 0.00 min

Lab File: BP004403.D

Acq: 21 Dec 2020 11:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	9.3	7.2	10.8





#91

Benzo(a)pyrene

Concen: 14.247 ng/ul

RT: 23.59 min Scan# 3468

Delta R.T. 0.01 min

Lab File: BP004403.D

Acq: 21 Dec 2020 11:24

Instrument :

BNA_P

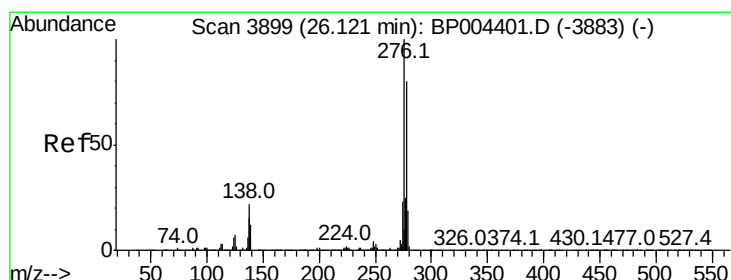
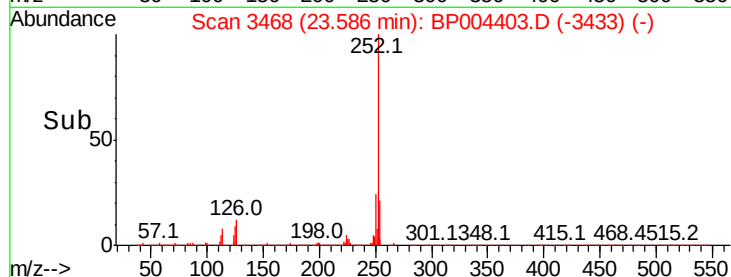
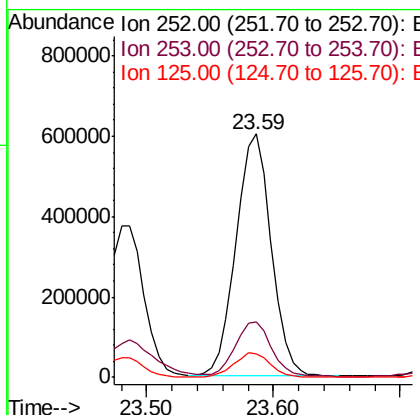
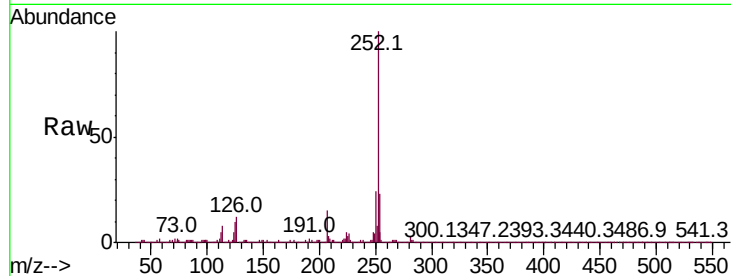
ClientSampleId :

BFN58DL

Tot Ion:	252	Resp:	1160631
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.7	26.5
125	9.6	8.1	12.1

Manual Integrations
APPROVED

mohammad
12/21/2020 3:10:13 PM



#92

Indeno(1,2,3-cd)pyrene

Concen: 8.402 ng/ul

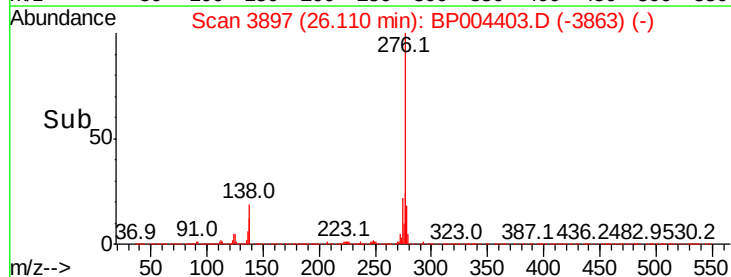
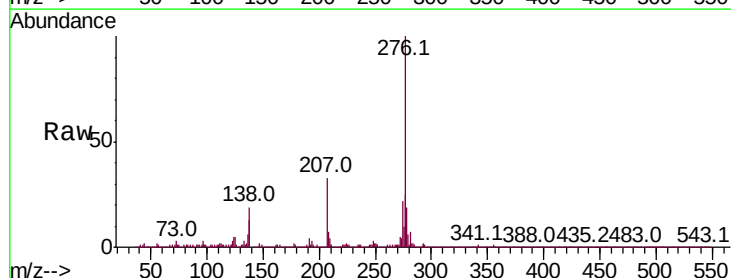
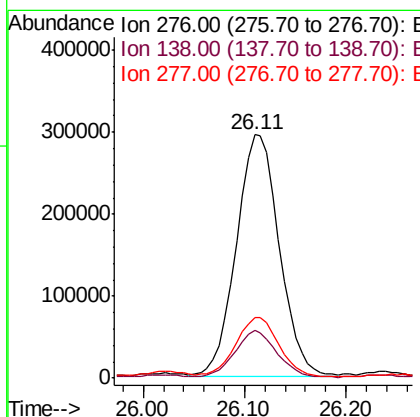
RT: 26.11 min Scan# 3897

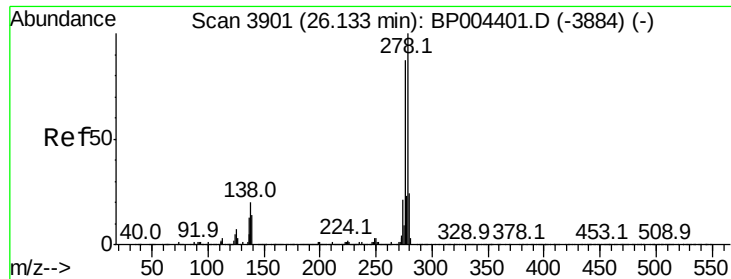
Delta R.T. 0.00 min

Lab File: BP004403.D

Acq: 21 Dec 2020 11:24

Tgt Ion:	276	Resp:	864781
Ion Ratio	Lower	Upper	
276	100		
138	19.5	17.9	26.9
277	24.7	20.3	30.5





#93

Dibenzo(a,h)anthracene

Concen: 2.260 ng/ul

RT: 26.12 min Scan# 3898

Delta R.T. -0.01 min

Lab File: BP004403.D

Acq: 21 Dec 2020 11:24

Instrument :

BNA_P

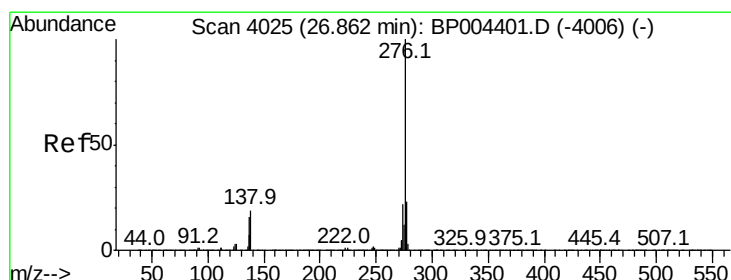
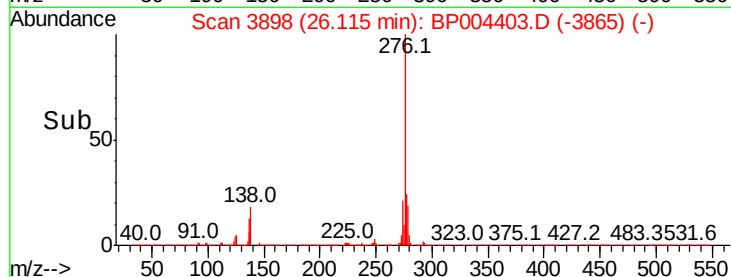
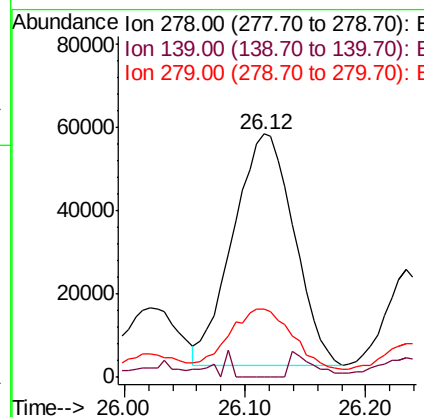
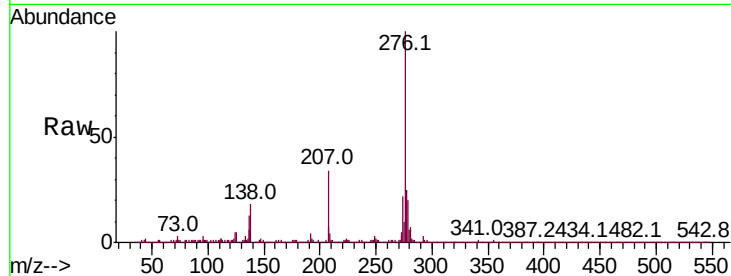
ClientSampleId :

BFN58DL

Tot Ion:	278	Resp:	193779
Ion Ratio	Lower	Upper	
278	100		
139	0.0	11.4	17.2#
279	28.2	19.1	28.7

Manual Integrations
APPROVED

mohammad
12/21/2020 3:10:13 PM



#94

Benzo(g,h,i)perylene

Concen: 8.264 ng/ul

RT: 26.86 min Scan# 4024

Delta R.T. 0.01 min

Lab File: BP004403.D

Acq: 21 Dec 2020 11:24

Tgt Ion:	276	Resp:	713613
Ion Ratio	Lower	Upper	
276	100		
138	19.5	15.8	23.6
277	24.7	18.7	28.1

