Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
Data File : BP006601.D
Acq On : 08 Aug 2021 11:24
Operator : CG/JU
Sample : M3169-20
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00B9

Quant Time: Aug 09 01:39:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 09 01:37:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	281273	20.000	ng/ul	0.00
20) Naphthalene-d8	10.534	136	1209662	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.381	164	658227	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.134	188	1207763	20.000	ng/ul	0.00
79) Chrysene-d12	21.233	240	1065268	20.000	ng/ul	0.00
88) Perylene-d12	23.568	264	1131537	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	18747	2.488	ng/uL	0.01
4) Pyridine-d5	3.693	84	170362	7.616	ng/ul	0.02
7) Phenol-d5	6.934	99	527659	19.974	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	346307	21.069	ng/ul	0.00
11) 2-Chlorophenol-d4	7.287	132	419867	21.393	ng/ul	0.00
15) 4-Methylphenol-d8	8.463	113	351245	16.908	ng/ul	0.00
21) Nitrobenzene-d5	8.910	128	219160	24.332	ng/ul	0.00
24) 2-Nitrophenol-d4	9.622	143	229735	26.713	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.163	165	374841	22.242	ng/ul	0.00
31) 4-Chloroaniline-d4	10.681	131	422250	15.219	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	1175246	25.087	ng/ul	0.00
49) Acenaphthylene-d8	14.075	160	1439400	25.009	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	176129	18.935	ng/ul	0.01
60) Fluorene-d10	15.381	176	959198	24.356	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	66626	9.895	ng/ul	0.00
73) Anthracene-d10	17.234	188	1407207	25.811	ng/ul	0.00
81) Pyrene-d10	19.480	212	1491593	27.223	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.416	264	1446399	25.154	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.587	128	95770	1.526	ng/ul	97
36) 2-Methylnaphthalene	12.198	142	59796	1.390	ng/ul	100
50) Acenaphthylene	14.104	152	82582	1.473	ng/ul	97
72) Phenanthrene	17.181	178	469810	7.244	ng/ul	99
74) Anthracene	17.269	178	107284	1.631	ng/ul	96
80) Fluoranthene	19.151	202	912244	13.512	ng/ul	100
82) Pyrene	19.510	202	725919	10.362	ng/ul	97
85) Benzo(a)anthracene	21.222	228	406960	6.165	ng/ul	92
87) Chrysene	21.274	228	444944	7.032	ng/ul	98
90) Benzo(b)fluoranthene	22.857	252	561411	7.811	ng/ul	97
91) Benzo(k)fluoranthene	22.898	252	211620	3.102	ng/ul#	92
93) Benzo(a)pyrene	23.463	252	345383	5.498	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	25.968	276	286928	3.568	ng/ul	96
95) Dibenzo(a,h)anthracene	25.974	278	77038	1.131	ng/ul#	66

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

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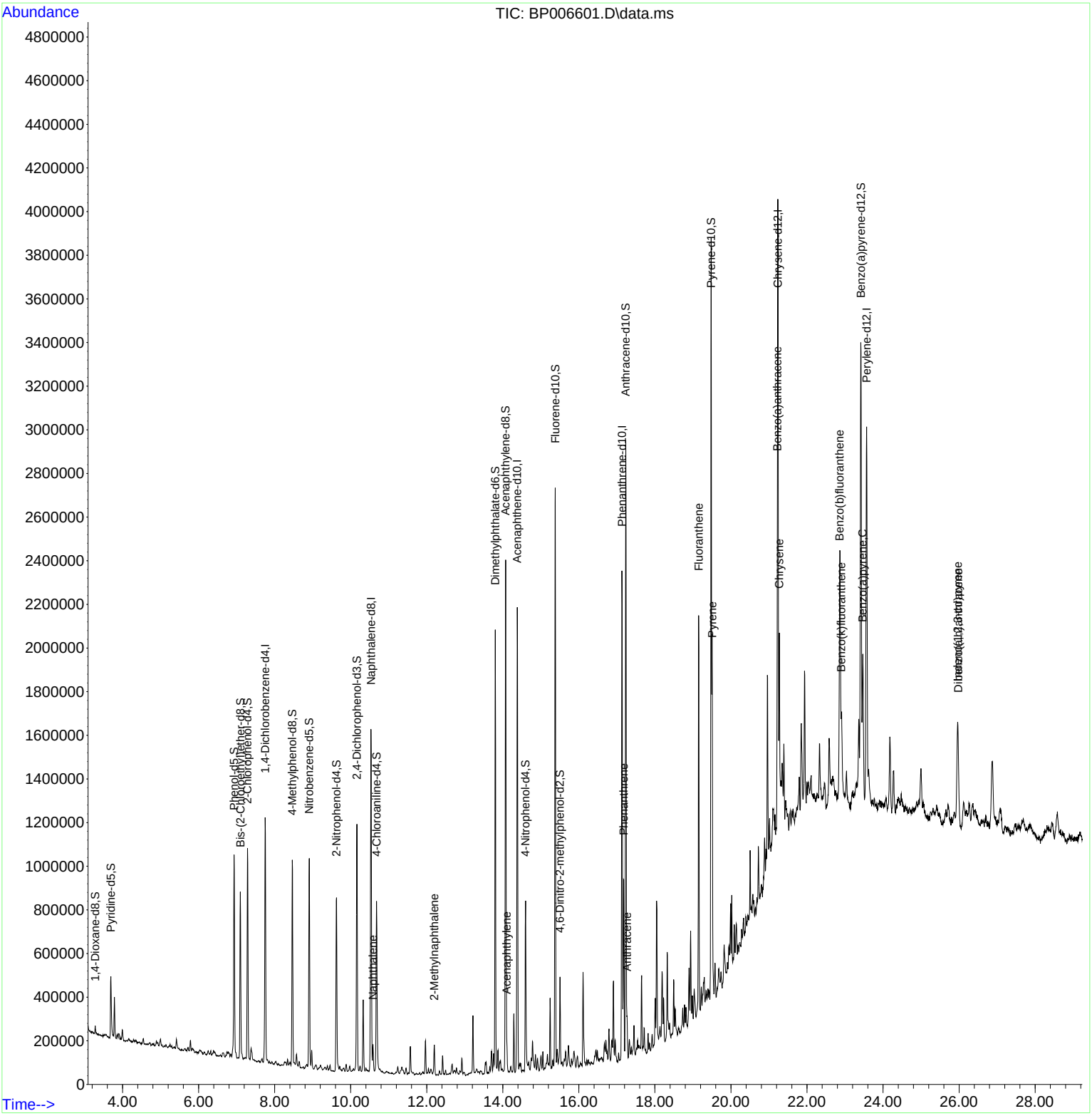

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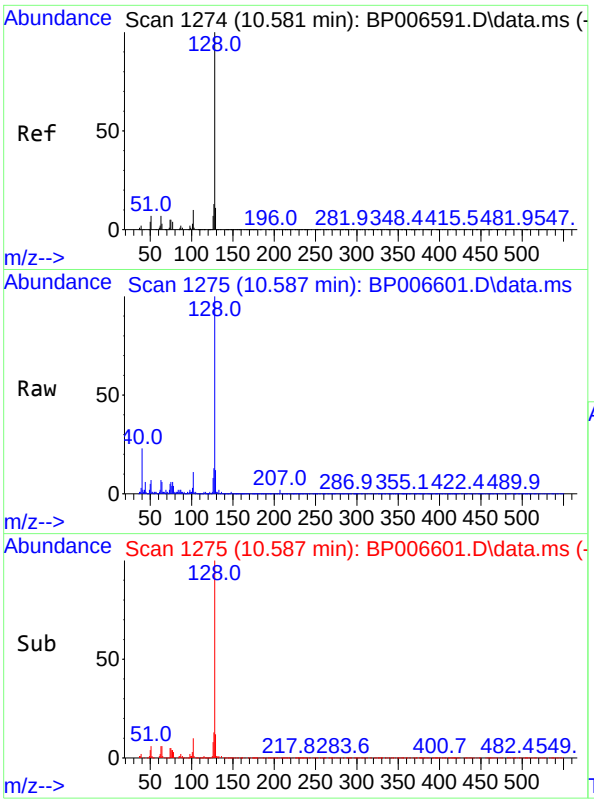
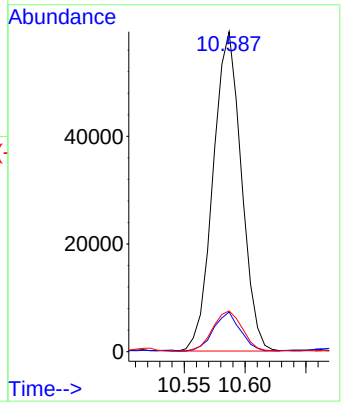
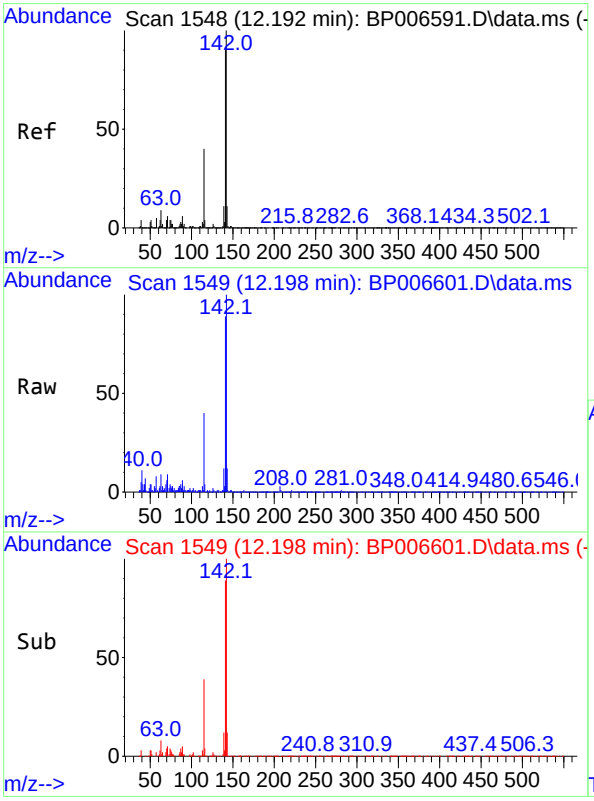


#30
Naphthalene
Concen: 1.526 ng/ul
RT: 10.587 min Scan# 1275
Delta R.T. 0.006 min
Lab File: BP006601.D
Acq: 08 Aug 2021 11:24

Tgt Ion:128 Resp: 95770

Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.6	13.0
127	12.7	10.6	15.8

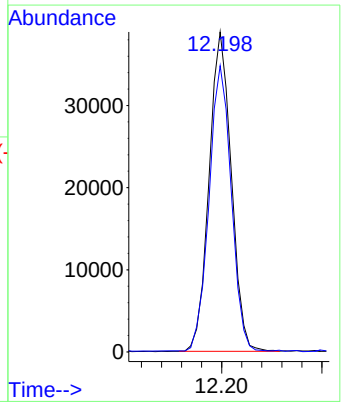




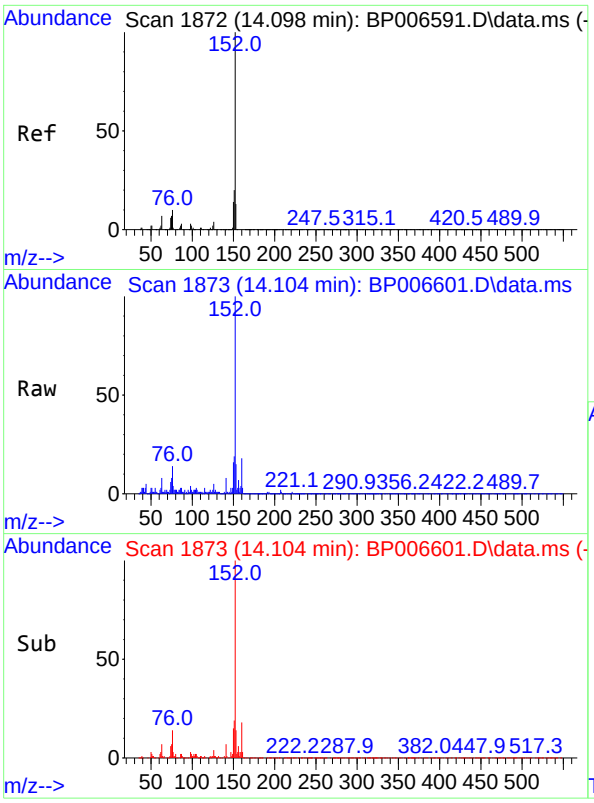
#36
2-Methylnaphthalene
Concen: 1.390 ng/ul
RT: 12.198 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BP006601.D
Acq: 08 Aug 2021 11:24

Tgt Ion:142 Resp: 59796

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.5	107.3



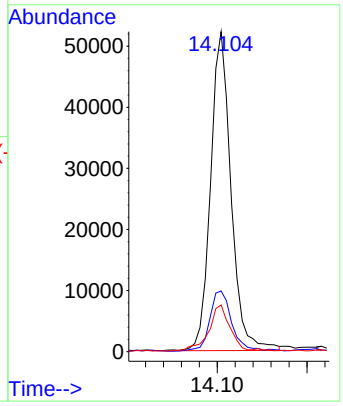
Instrument :
BNA_P
ClientSampleId :
C00B9

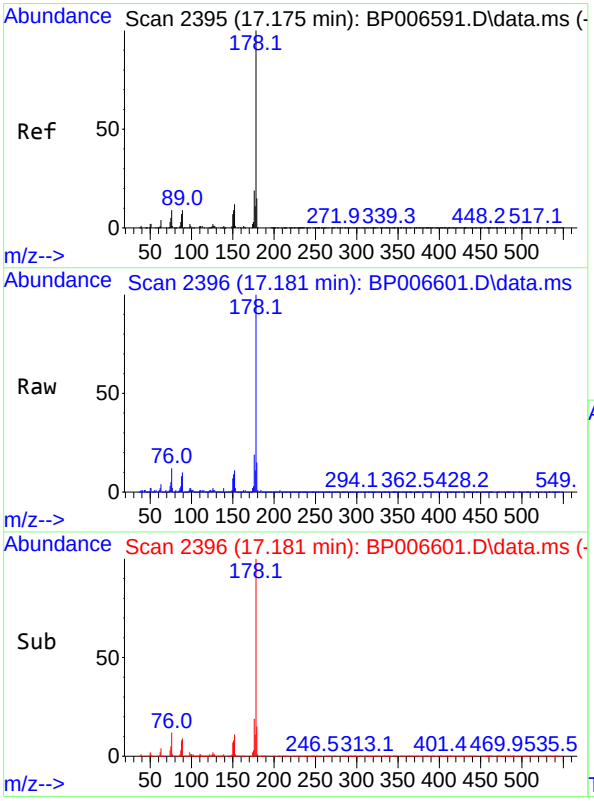


#50
Acenaphthylene
Concen: 1.473 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. 0.006 min
Lab File: BP006601.D
Acq: 08 Aug 2021 11:24

Tgt Ion:152 Resp: 82582

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.0	24.0
153	14.6	10.3	15.5

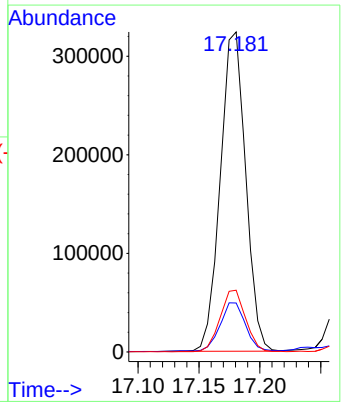




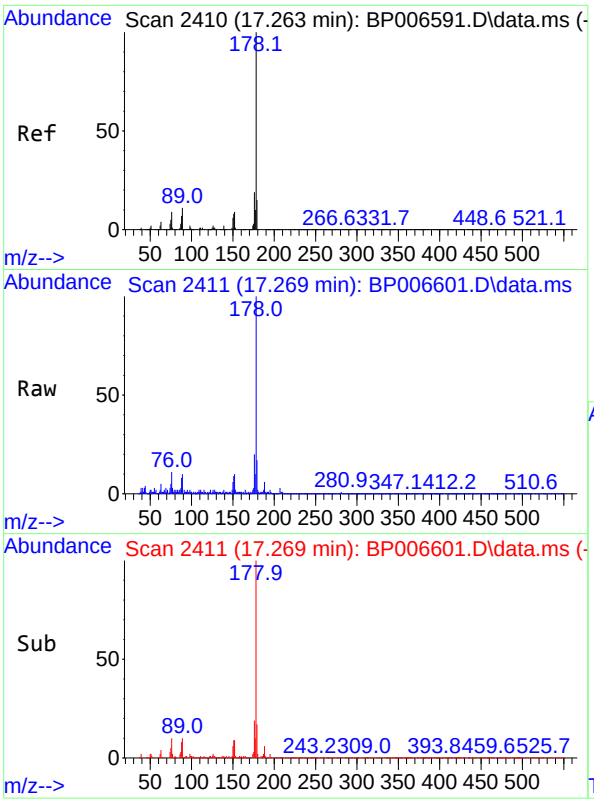
#72
Phenanthrene
Concen: 7.244 ng/ul
RT: 17.181 min Scan# 2396
Delta R.T. 0.006 min
Lab File: BP006601.D
Acq: 08 Aug 2021 11:24

Tgt Ion:178 Resp: 469810

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	19.3	15.2	22.8



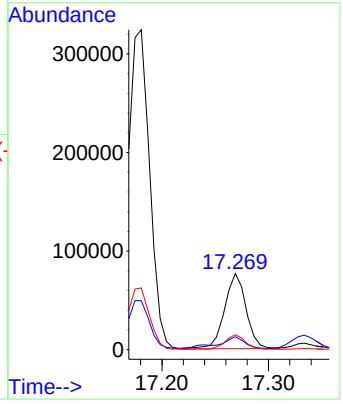
Instrument :
BNA_P
ClientSampleId :
C00B9

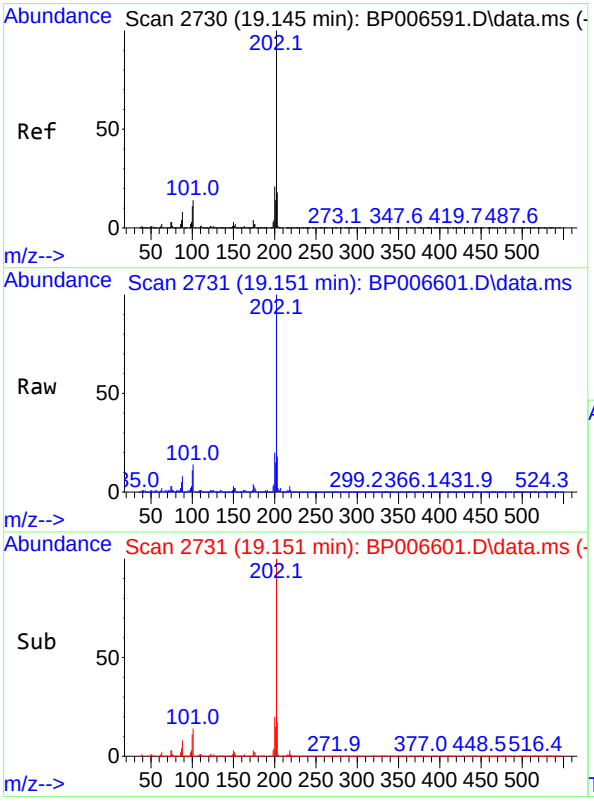


#74
Anthracene
Concen: 1.631 ng/ul
RT: 17.269 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BP006601.D
Acq: 08 Aug 2021 11:24

Tgt Ion:178 Resp: 107284

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.0	18.0
176	19.5	14.7	22.1

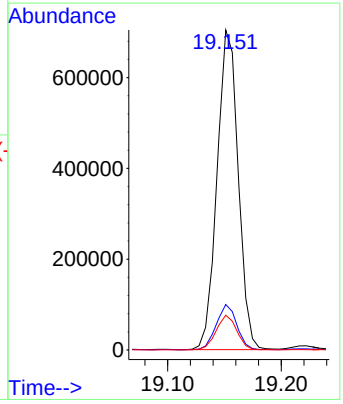




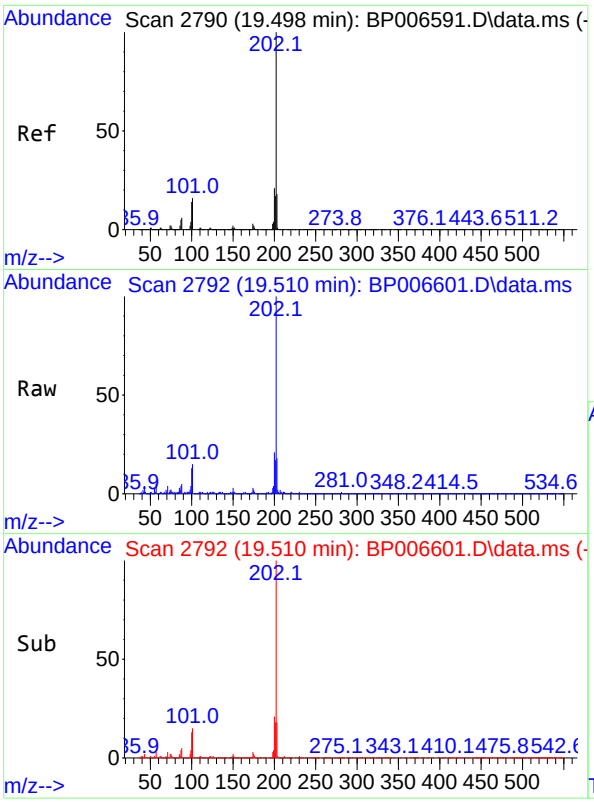
#80
Fluoranthene
Concen: 13.512 ng/ul
RT: 19.151 min Scan# 2731
Delta R.T. -0.000 min
Lab File: BP006601.D
Acq: 08 Aug 2021 11:24

Tgt Ion:202 Resp: 912244

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.2	16.8
100	10.9	8.7	13.1



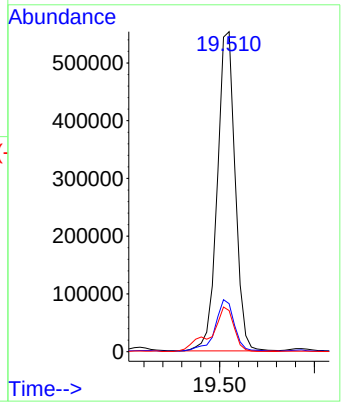
Instrument :
BNA_P
ClientSampleId :
C00B9

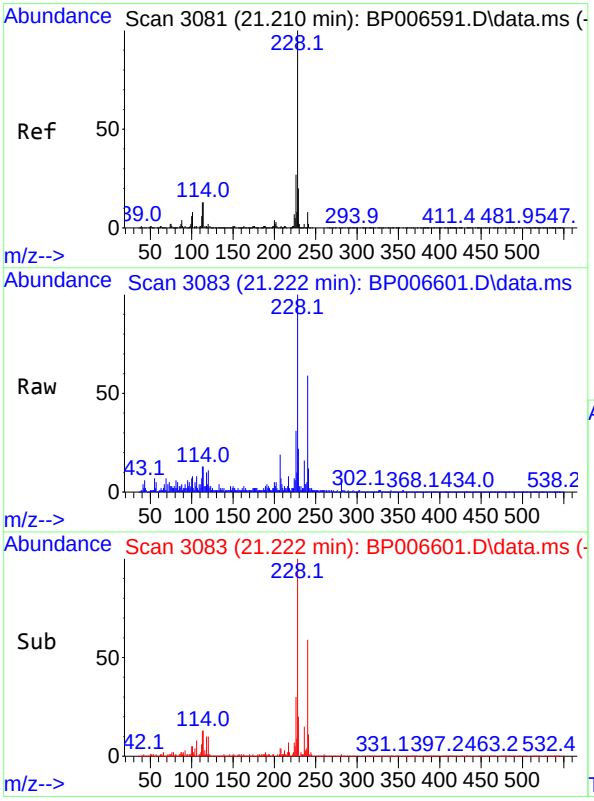


#82
Pyrene
Concen: 10.362 ng/ul
RT: 19.510 min Scan# 2792
Delta R.T. 0.006 min
Lab File: BP006601.D
Acq: 08 Aug 2021 11:24

Tgt Ion:202 Resp: 725919

Ion	Ratio	Lower	Upper
202	100		
101	15.0	13.0	19.6
100	12.9	11.4	17.0

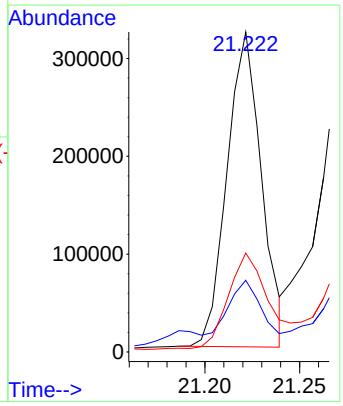




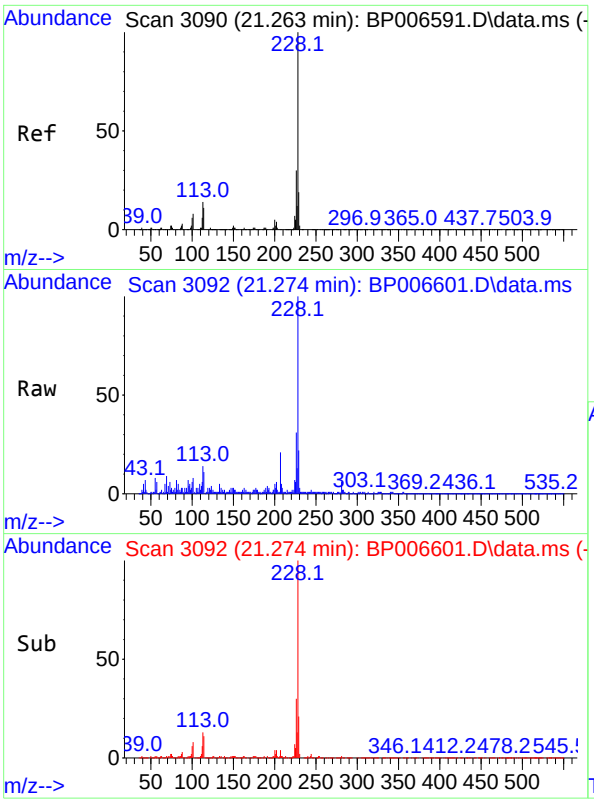
#85
Benzo(a)anthracene
Concen: 6.165 ng/ul
RT: 21.222 min Scan# 3083
Delta R.T. 0.006 min
Lab File: BP006601.D
Acq: 08 Aug 2021 11:24

Tgt Ion:228 Resp: 406960

Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.6	23.4
226	30.9	21.2	31.8



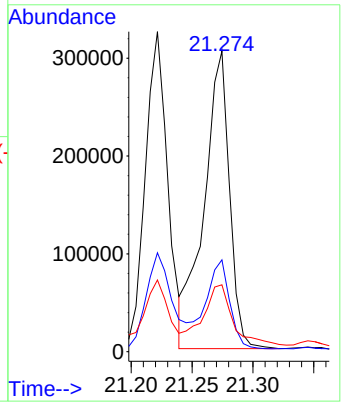
Instrument :
BNA_P
ClientSampleId :
C00B9

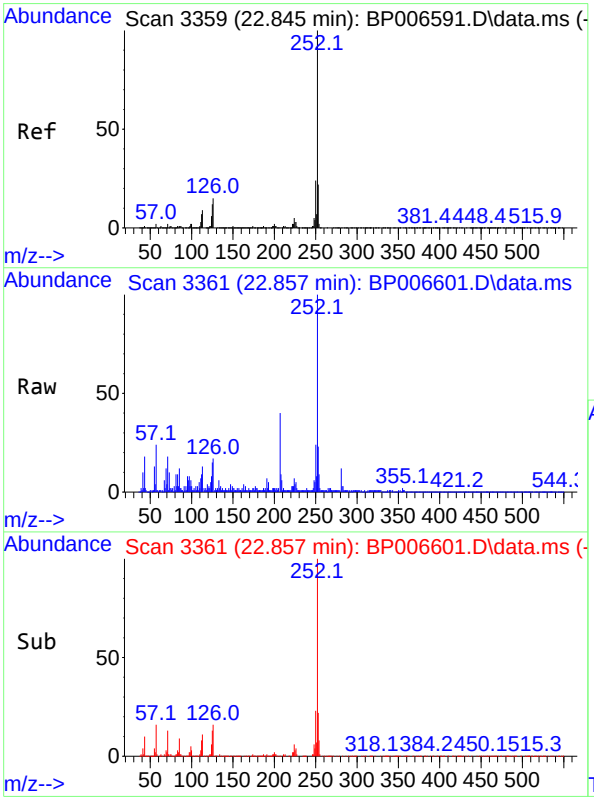


#87
Chrysene
Concen: 7.032 ng/ul
RT: 21.274 min Scan# 3092
Delta R.T. 0.006 min
Lab File: BP006601.D
Acq: 08 Aug 2021 11:24

Tgt Ion:228 Resp: 444944

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	22.3	15.5	23.3

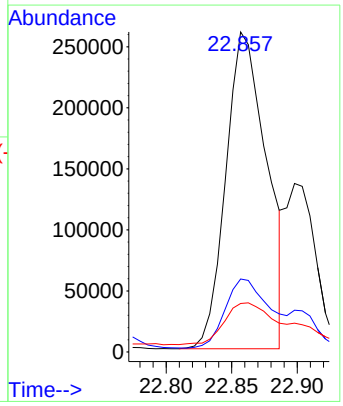




#90
Benzo(b)fluoranthene
Concen: 7.811 ng/ul
RT: 22.857 min Scan# 3361
Delta R.T. 0.006 min
Lab File: BP006601.D
Acq: 08 Aug 2021 11:24

Tgt Ion:252 Resp: 561411

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	15.2	10.6	15.8



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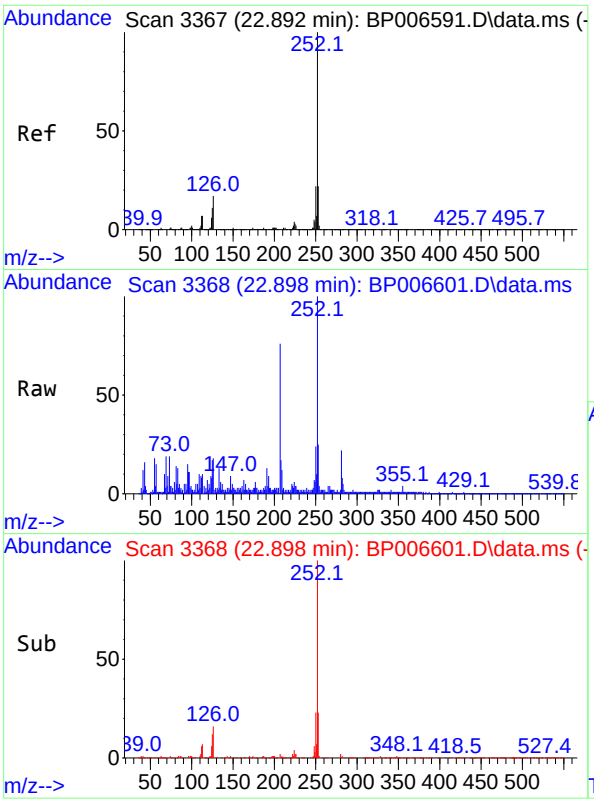
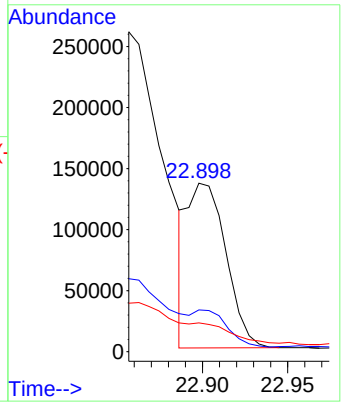
BNA_P
ClientSampleId :
C00B9

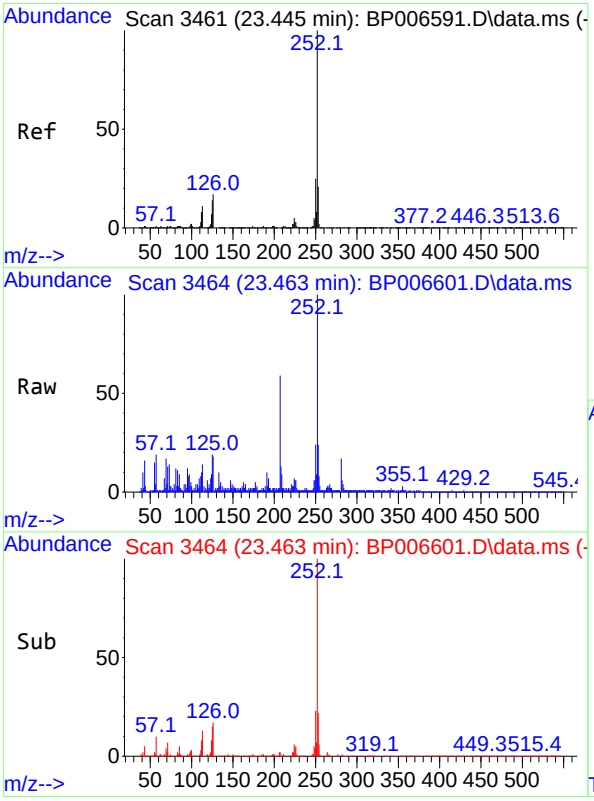


#91
Benzo(k)fluoranthene
Concen: 3.102 ng/ul
RT: 22.898 min Scan# 3368
Delta R.T. -0.000 min
Lab File: BP006601.D
Acq: 08 Aug 2021 11:24

Tgt Ion:252 Resp: 211620

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.7	26.5
125	17.1	9.6	14.4#

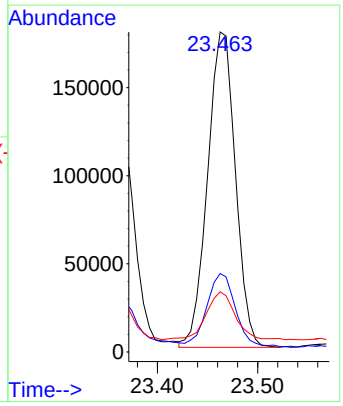




#93
Benzo(a)pyrene
Concen: 5.498 ng/ul
RT: 23.463 min Scan# 3464
Delta R.T. 0.006 min
Lab File: BP006601.D
Acq: 08 Aug 2021 11:24

Tgt Ion:252 Resp: 345383

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	18.8	11.6	17.4#



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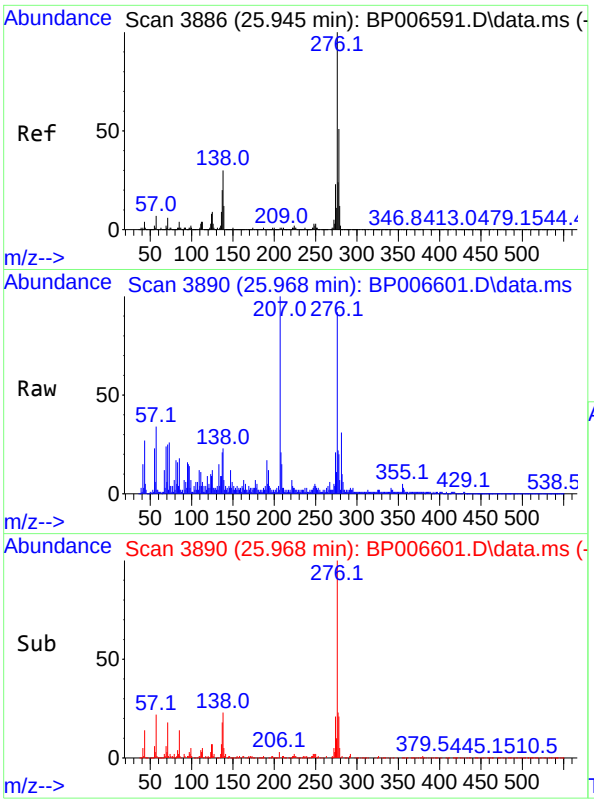
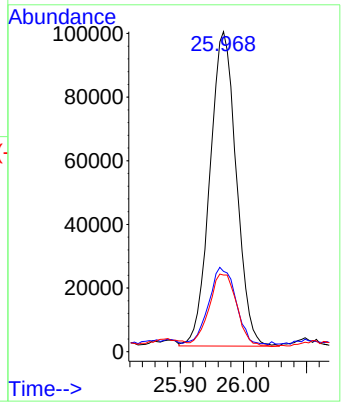
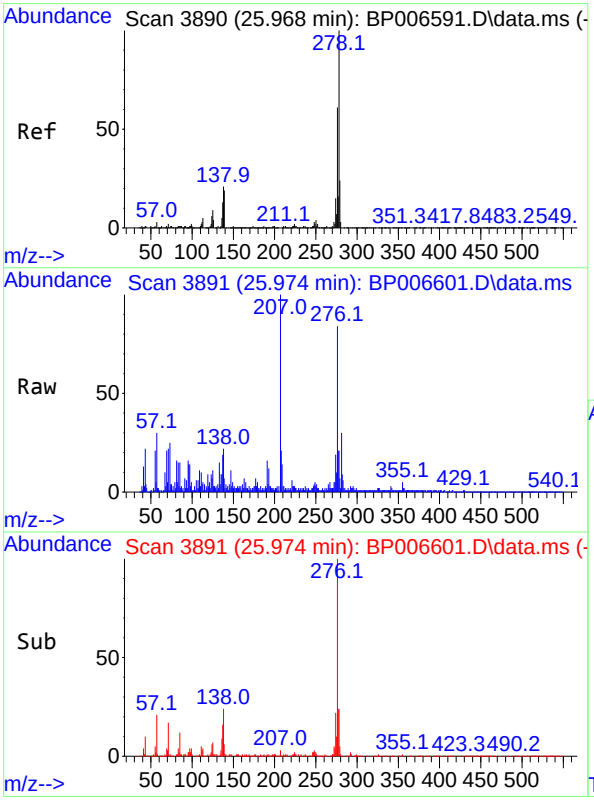


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.568 ng/ul
RT: 25.968 min Scan# 3890
Delta R.T. 0.006 min
Lab File: BP006601.D
Acq: 08 Aug 2021 11:24

Tgt Ion:276 Resp: 286928

Ion	Ratio	Lower	Upper
276	100		
138	25.1	22.9	34.3
277	24.0	20.0	30.0





#95
Dibenzo(a,h)anthracene
Concen: 1.131 ng/ul
RT: 25.974 min Scan# 3891
Delta R.T. -0.012 min
Lab File: BP006601.D
Acq: 08 Aug 2021 11:24

Tgt Ion:278 Resp: 77038

Ion	Ratio	Lower	Upper
278	100		
139	43.1	15.1	22.7#
279	32.8	19.0	28.6#