Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031951.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 12 22:55:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	459039	20.000	ng/ul	0.00
20) Naphthalene-d8	10.446	136	1963334	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	1152256	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	1951018	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	1208414	20.000	ng/ul	0.00
88) Perylene-d12	24.227	264	1484735	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	40700	3.668	ng/uL	0.00
4) Pyridine-d5	3.587	84	204775	6.556	ng/ul	0.00
7) Phenol-d5	6.840	99	940432	23.898	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	522547	22.701	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	774797	25.804	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	726039	22.633	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	393410	26.207	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	429898	27.723	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	746299	25.779	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	517570	12.041	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	2135583	26.604	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	2460254	26.654	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	292791	18.217	ng/ul	0.00
60) Fluorene-d10	15.304	176	1701579	25.052	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	179023	18.255	ng/ul	0.00
73) Anthracene-d10	17.151	188	2189154	26.209	ng/ul	0.00
81) Pyrene-d10	19.457	212	1766746	27.322	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.021	264	1363455	19.232	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	6.810	77	23949	1.297	ng/ul#	1
16) Acetophenone	8.481	105	71890	1.479	ng/ul	97
19) Hexachloroethane	8.751	117	16461	1.237	ng/ul#	12
30) Naphthalene	10.493	128	204756	2.015	ng/ul	97
36) 2-Methylnaphthalene	12.110	142	174595	2.514	ng/ul	100
37) 1-Methylnaphthalene	12.334	142	128083	1.838	ng/ul	95
50) Acenaphthylene	14.028	152	294031	2.819	ng/ul	98
52) Acenaphthene	14.369	153	79452	1.151	ng/ul	98
61) Fluorene	15.357	166	97984	1.298	ng/ul#	96
72) Phenanthrene	17.098	178	1980360	19.926	ng/ul	99
74) Anthracene	17.186	178	446822	4.437	ng/ul	99
77) Carbazole	17.463	167	207279	2.414	ng/ul	97
80) Fluoranthene	19.122	202	3337859	43.191	ng/ul	98
82) Pyrene	19.486	202	2523313	31.824	ng/ul	96
83) Butylbenzylphthalate	20.392	149	109692	2.929	ng/ul	90
85) Benzo(a)anthracene	21.274	228	1600073	19.782	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	257031	4.708	ng/ul	98
87) Chrysene	21.333	228	1712436	22.666	ng/ul	96
90) Benzo(b)fluoranthene	23.298	252	2509595	28.278	ng/ul	99
91) Benzo(k)fluoranthene	23.298	252	2509595	28.818	ng/ul	99
93) Benzo(a)pyrene	24.086	252	1052815	12.666	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.521	276	1087495	11.354	ng/ul	98
95) Dibenzo(a,h)anthracene	27.556	278	357934	4.577	ng/ul#	91
96) Benzo(g,h,i)perylene	28.550	276	150064	1.971	ng/ul	92

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031951.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 12 22:55:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031951.D
Acq On : 12 Jun 2024 21:18
Operator : MA/JU
Sample : P2678-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
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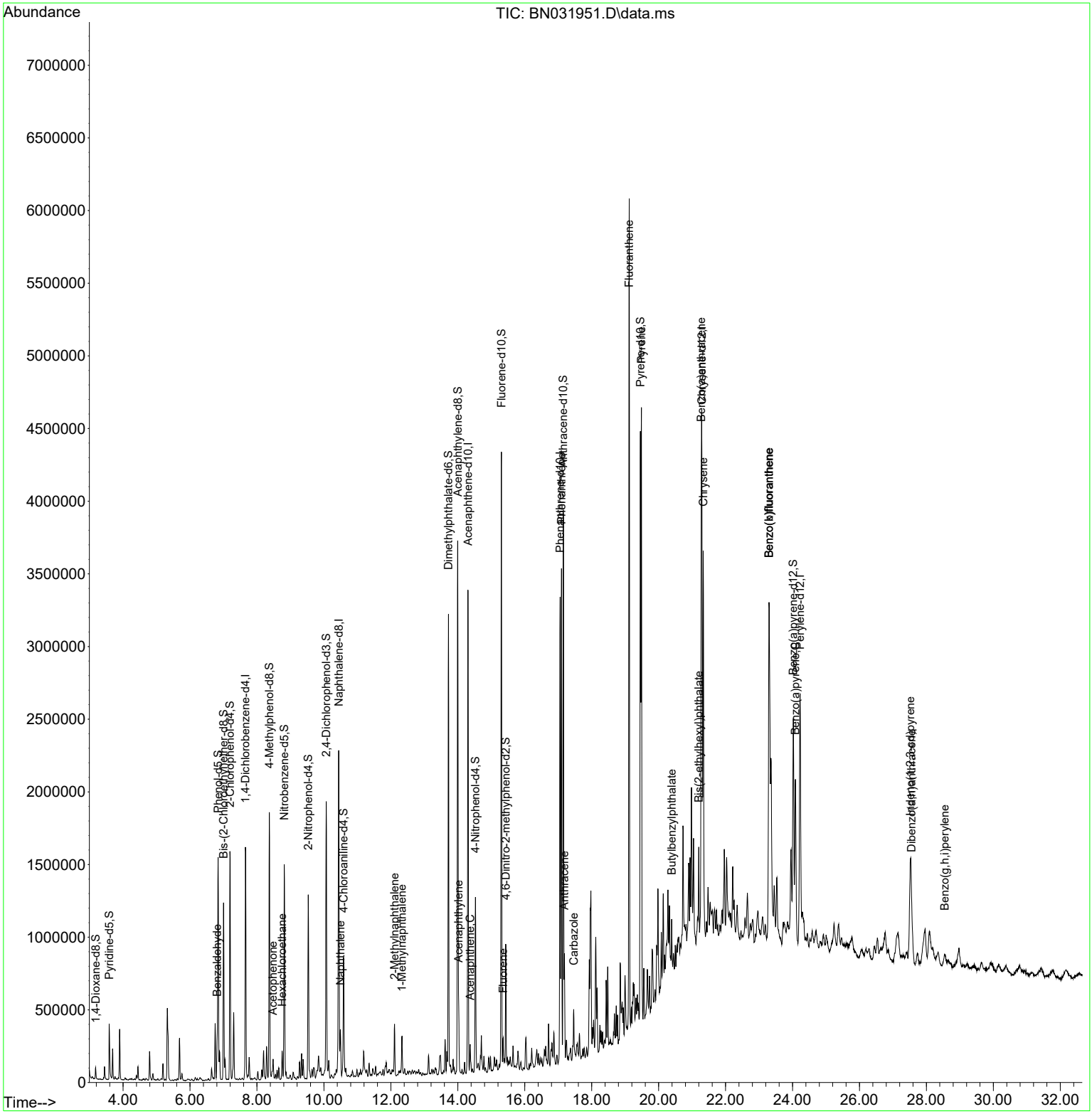
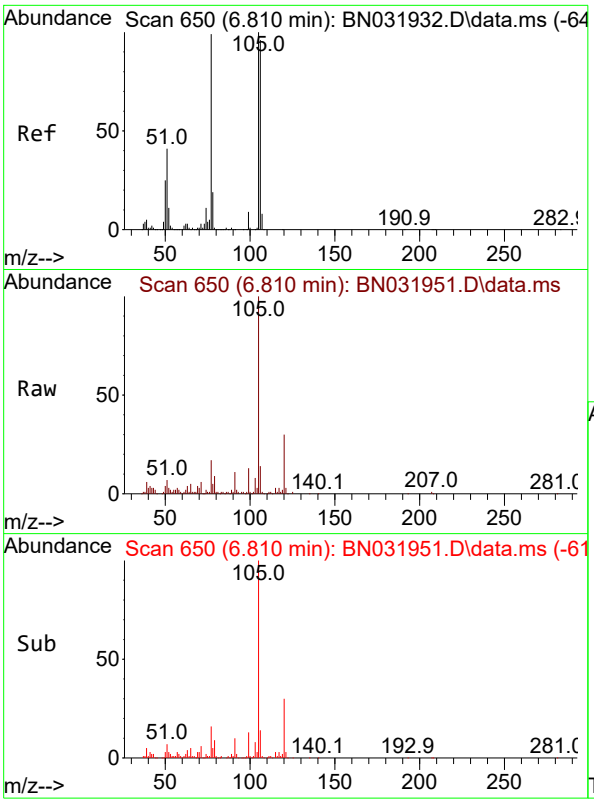
Quant Time: Jun 12 22:55:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration



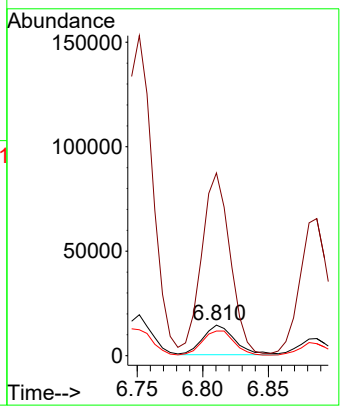


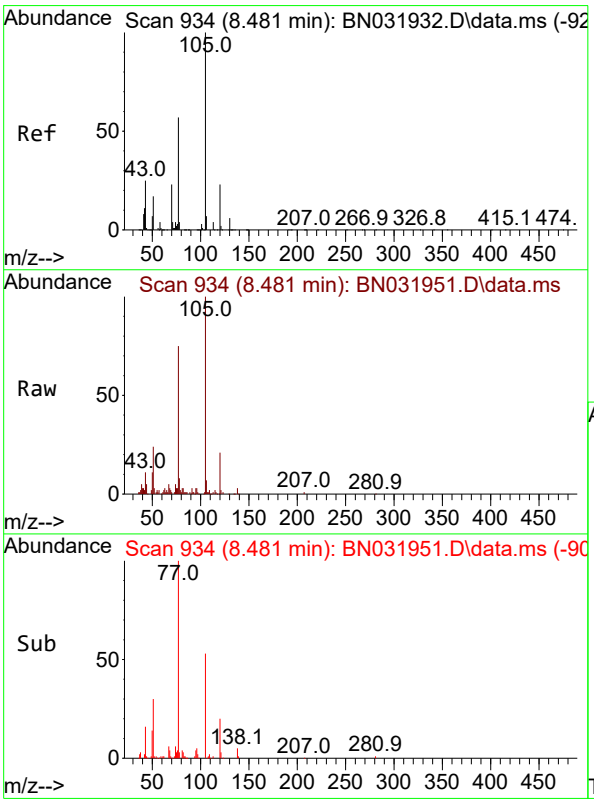
#6
Benzaldehyde
Concen: 1.297 ng/ul
RT: 6.810 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 23949

Ion	Ratio	Lower	Upper
77	100		
105	596.2	80.2	120.4#
106	80.5	76.8	115.2

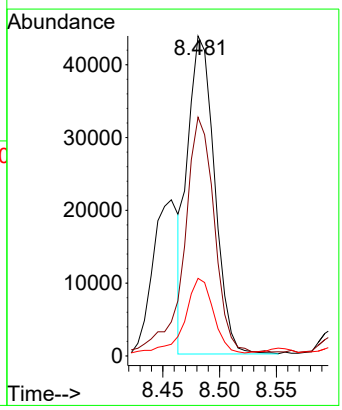


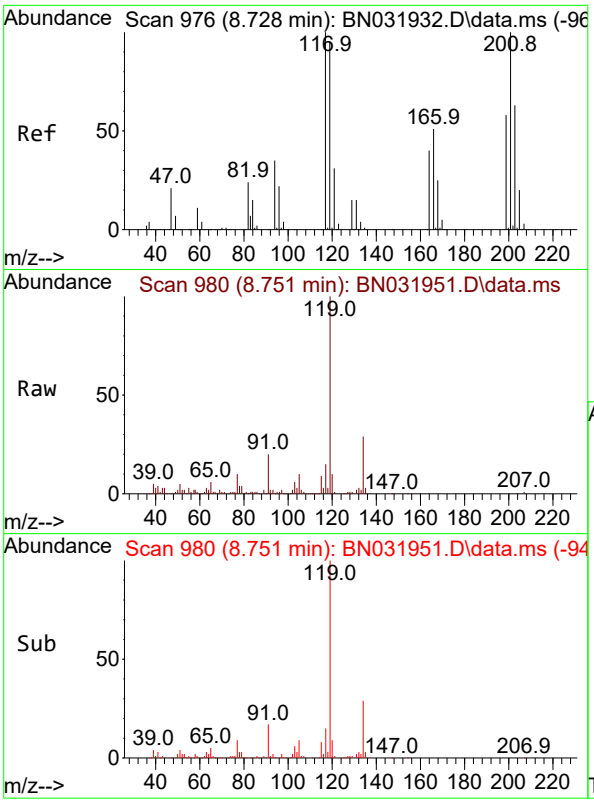


#16
Acetophenone
Concen: 1.479 ng/ul
RT: 8.481 min Scan# 934
Delta R.T. 0.000 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Tgt Ion:105 Resp: 71890

Ion	Ratio	Lower	Upper
105	100		
77	74.6	58.6	87.8
51	24.3	17.2	25.8



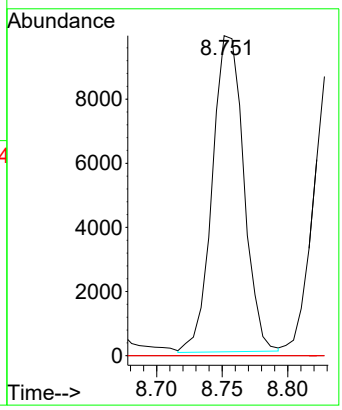


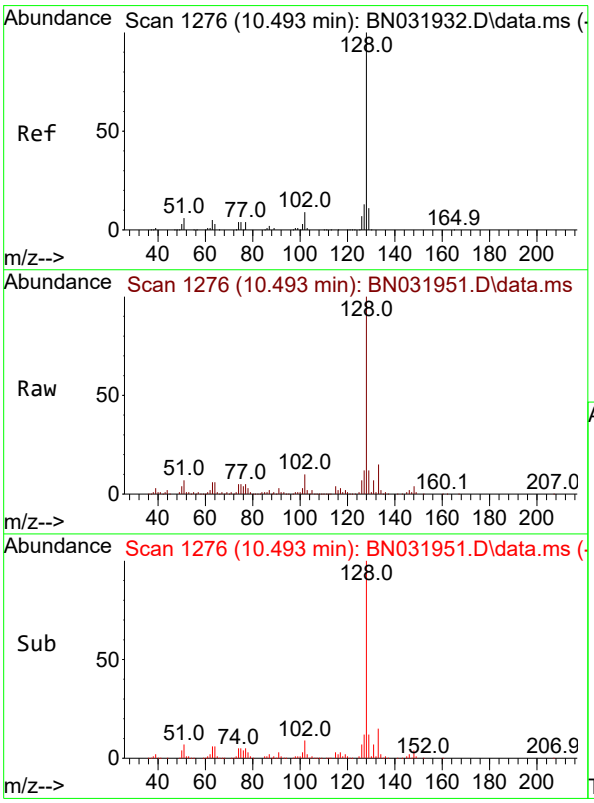
#19
Hexachloroethane
Concen: 1.237 ng/ul
RT: 8.751 min Scan# 9
Delta R.T. 0.024 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:117 Resp: 16461

Ion	Ratio	Lower	Upper
117	100		
201	0.0	71.6	107.4#
199	0.0	45.6	68.4#

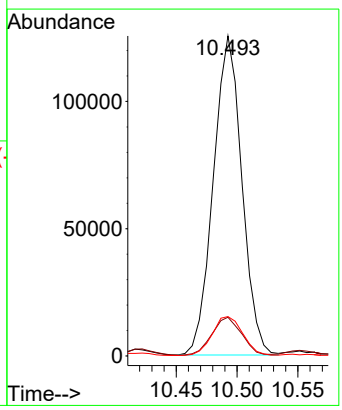


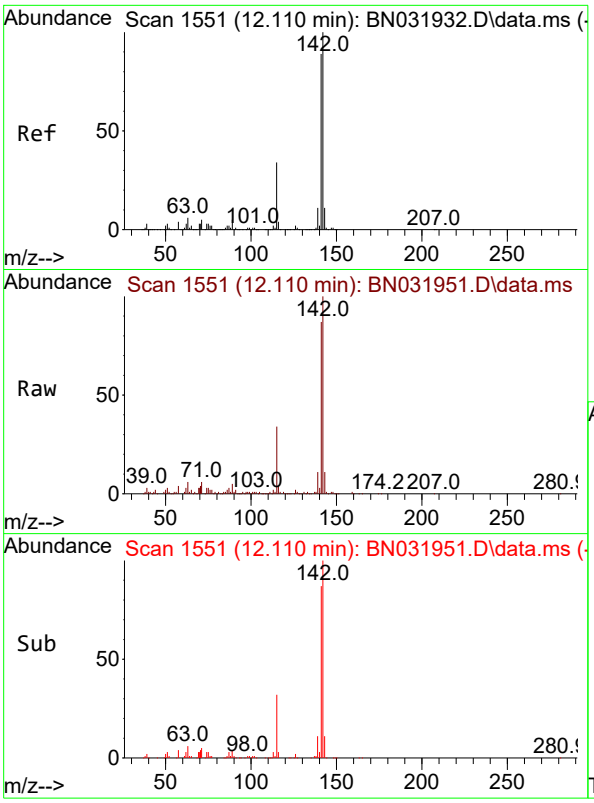


#30
Naphthalene
Concen: 2.015 ng/ul
RT: 10.493 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Tgt Ion:128 Resp: 204756

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.5	12.7
127	12.3	10.3	15.5



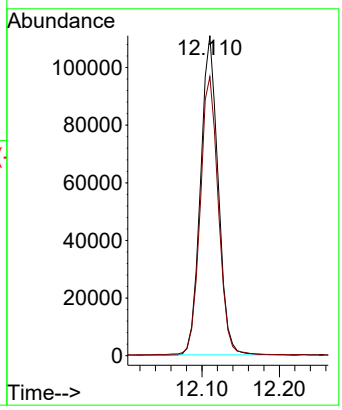


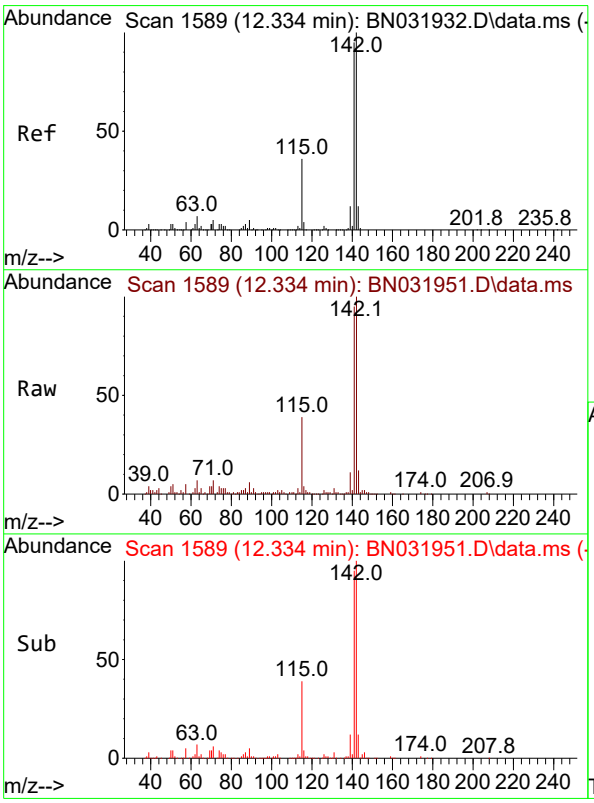
#36
2-Methylnaphthalene
Concen: 2.514 ng/ul
RT: 12.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 174595

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.1	105.1

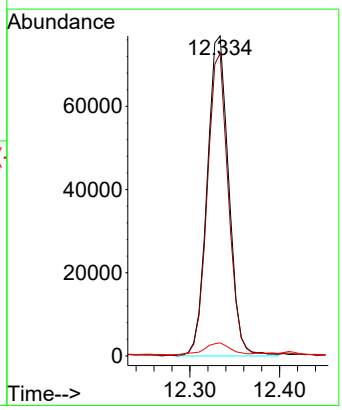


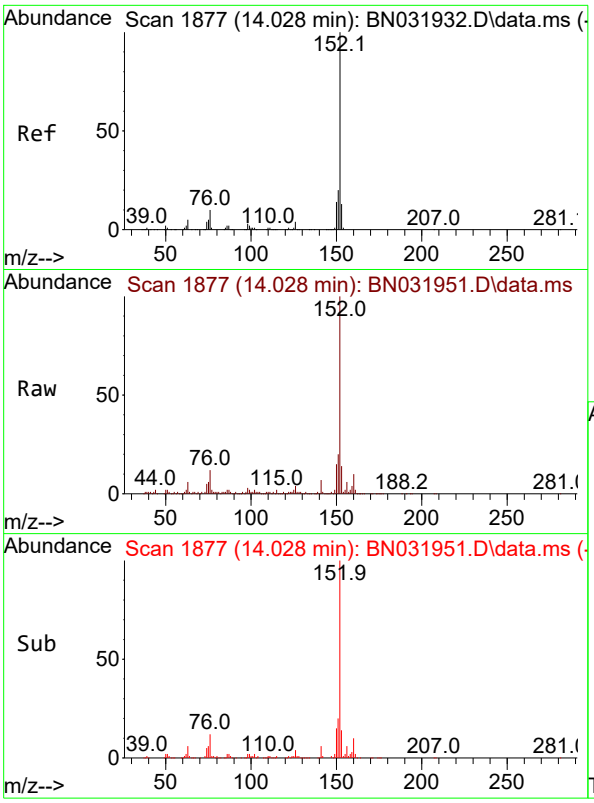


#37
1-Methylnaphthalene
Concen: 1.838 ng/ul
RT: 12.334 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Tgt Ion:142 Resp: 128083

Ion	Ratio	Lower	Upper
142	100		
141	94.6	71.7	107.5
116	4.1	3.0	4.4



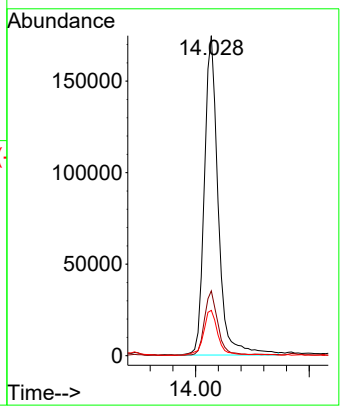


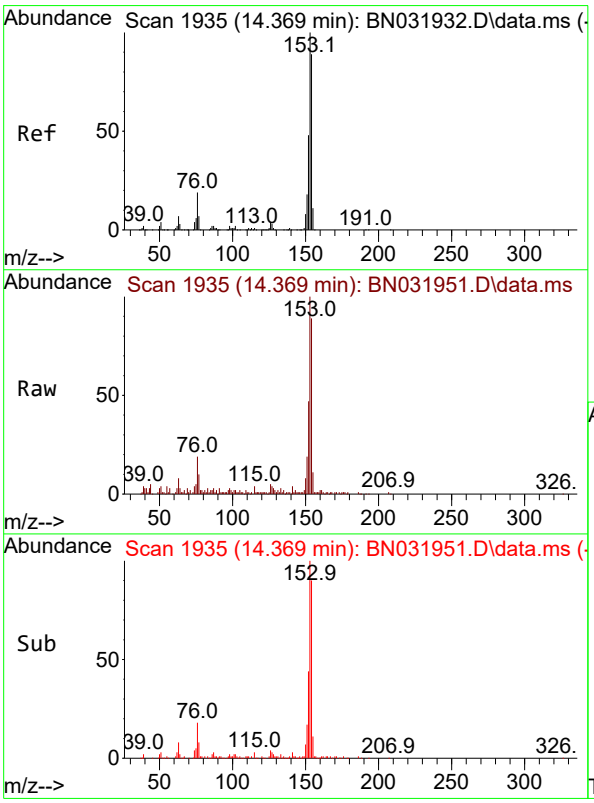
#50
Acenaphthylene
Concen: 2.819 ng/ul
RT: 14.028 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 294031

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	14.1	10.4	15.6

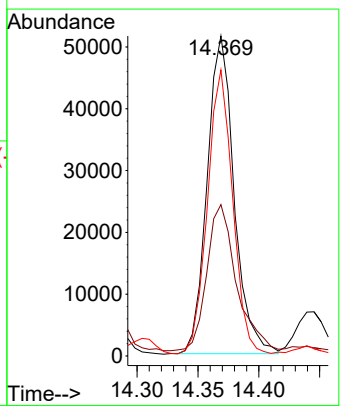


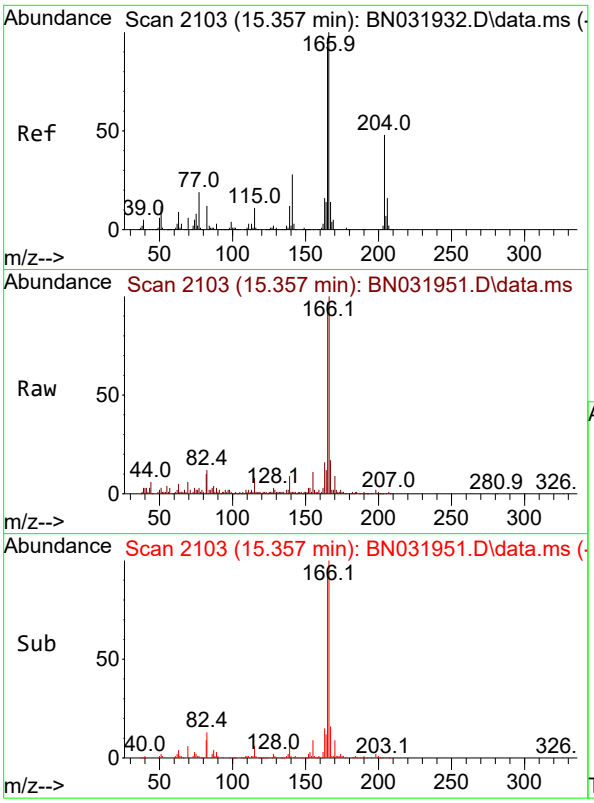


#52
Acenaphthene
Concen: 1.151 ng/ul
RT: 14.369 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Tgt Ion:153 Resp: 79452

Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.8	56.6
154	89.4	69.8	104.8



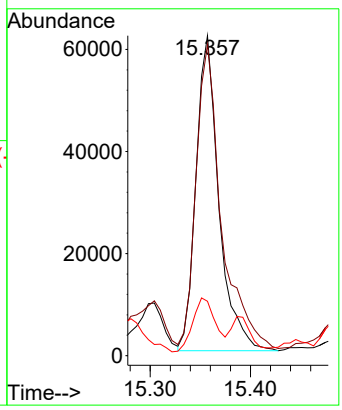


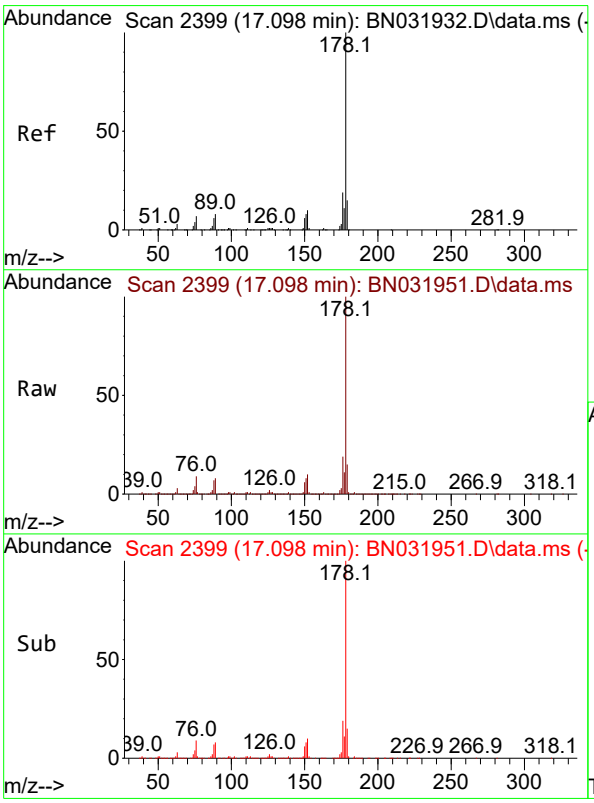
#61
Fluorene
Concen: 1.298 ng/ul
RT: 15.357 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 97984

Ion	Ratio	Lower	Upper
166	100		
165	97.3	80.3	120.5
167	17.0	11.3	16.9#

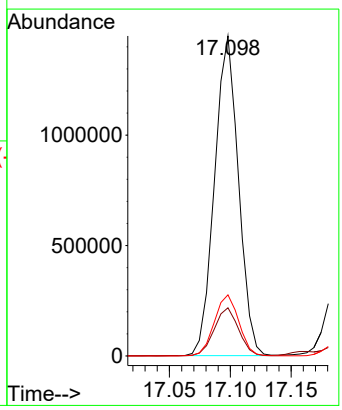


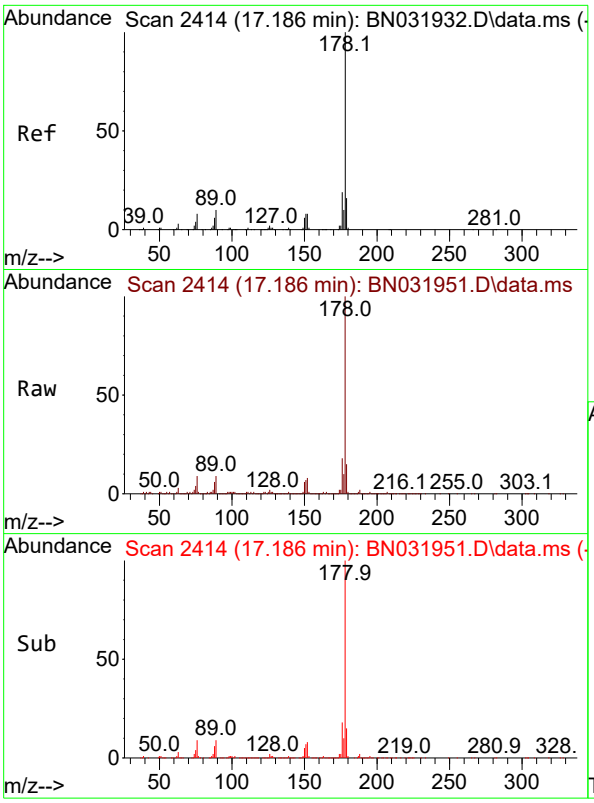


#72
Phenanthrene
Concen: 19.926 ng/ul
RT: 17.098 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Tgt Ion:178 Resp: 1980360

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	19.1	15.8	23.6



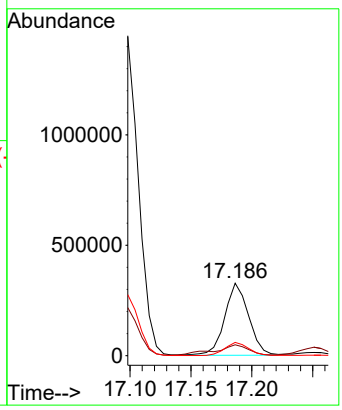


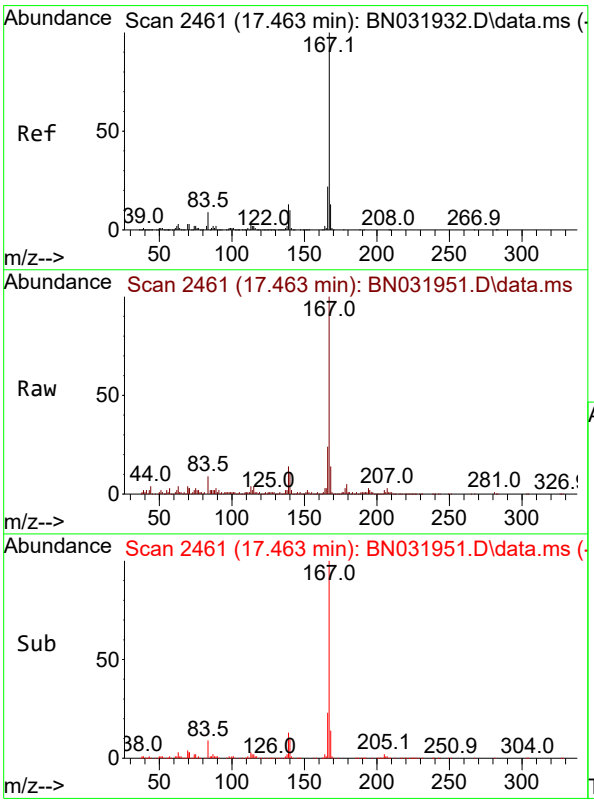
#74
Anthracene
Concen: 4.437 ng/ul
RT: 17.186 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 446822

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.8	17.6
176	18.3	14.8	22.2

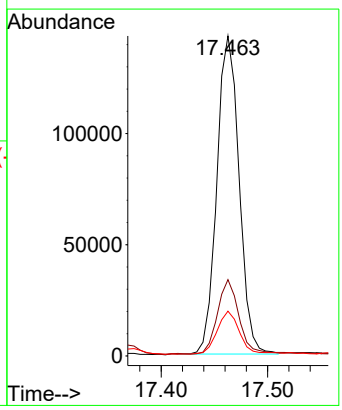


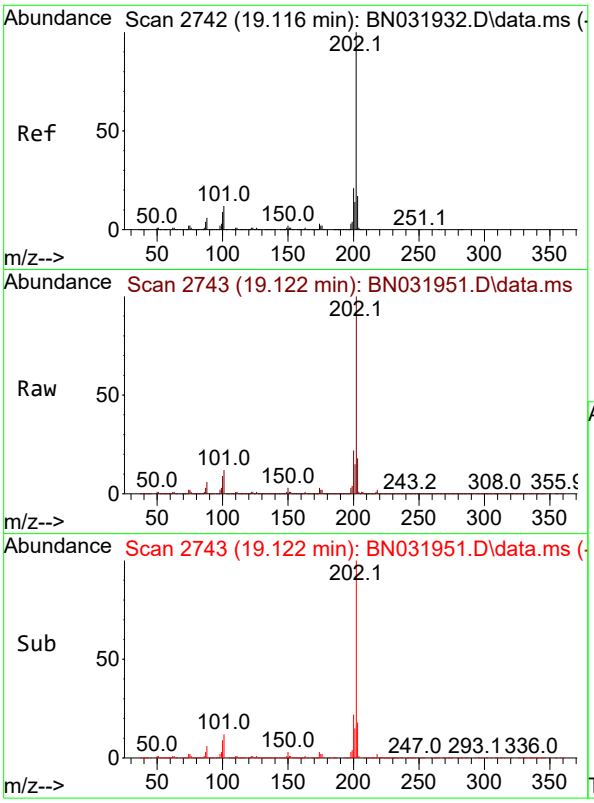


#77
Carbazole
Concen: 2.414 ng/ul
RT: 17.463 min Scan# 2461
Delta R.T. 0.000 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Tgt Ion:167 Resp: 207279

Ion	Ratio	Lower	Upper
167	100		
166	23.9	17.9	26.9
139	14.0	10.5	15.7



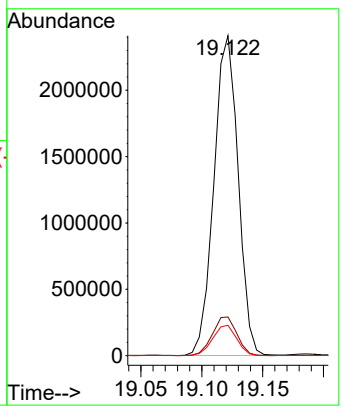


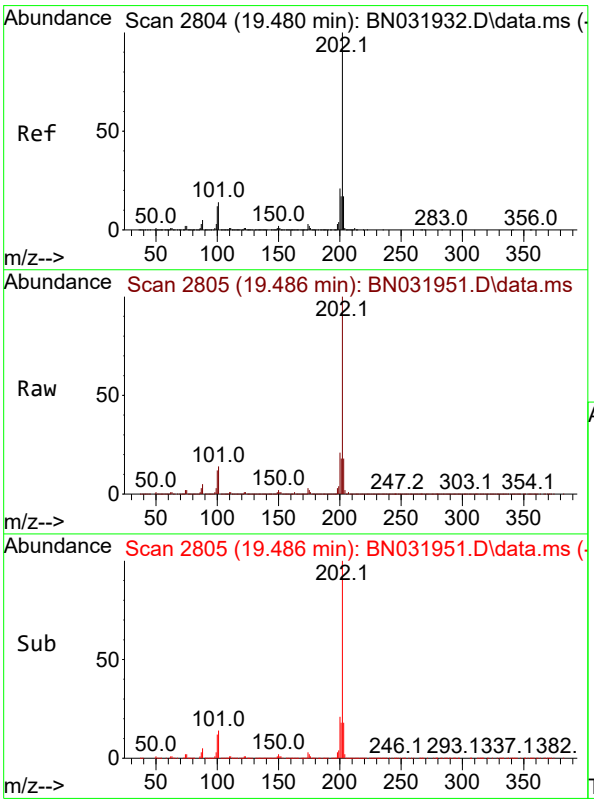
#80
Fluoranthene
Concen: 43.191 ng/ul
RT: 19.122 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 3337859

Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.3	15.5
100	9.5	8.0	12.0

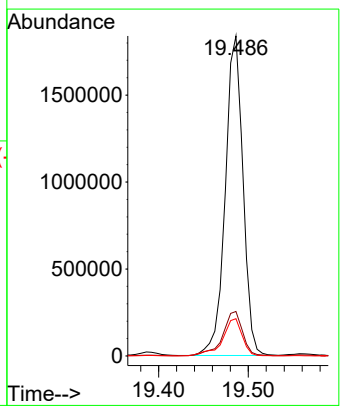


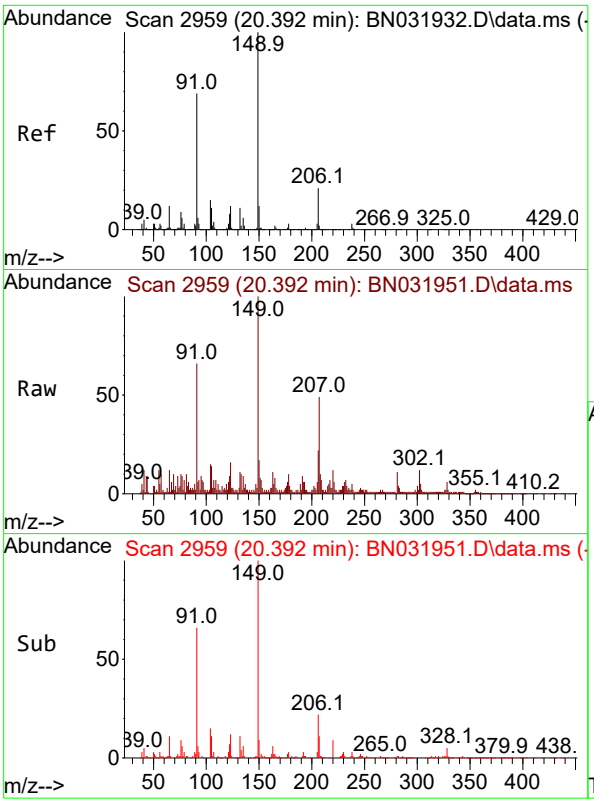


#82
Pyrene
Concen: 31.824 ng/ul
RT: 19.486 min Scan# 2805
Delta R.T. 0.000 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Tgt Ion:202 Resp: 2523313

Ion	Ratio	Lower	Upper
202	100		
101	13.9	12.6	18.8
100	11.7	10.2	15.2



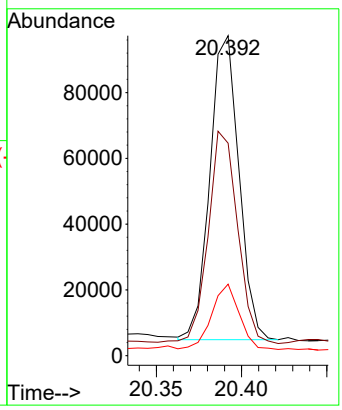


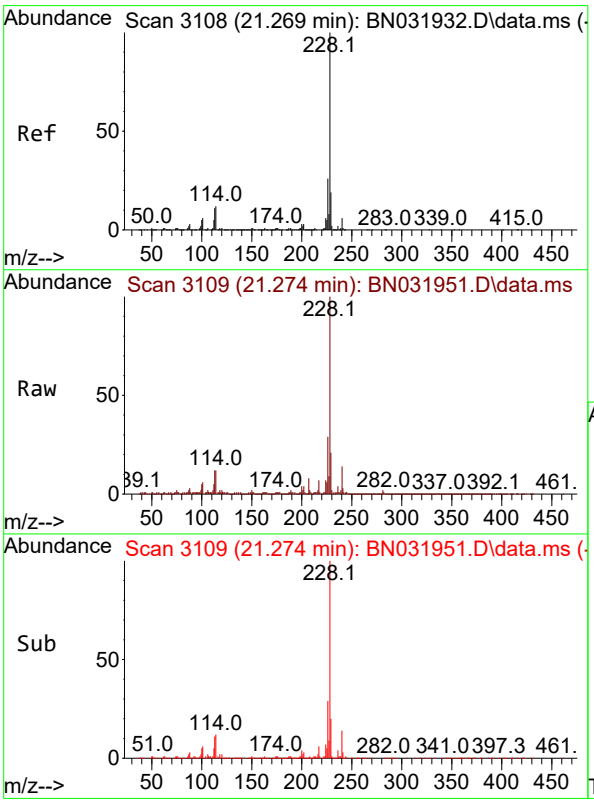
#83
Butylbenzylphthalate
Concen: 2.929 ng/ul
RT: 20.392 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 109692

Ion	Ratio	Lower	Upper
149	100		
91	66.4	61.0	91.4
206	22.3	16.5	24.7

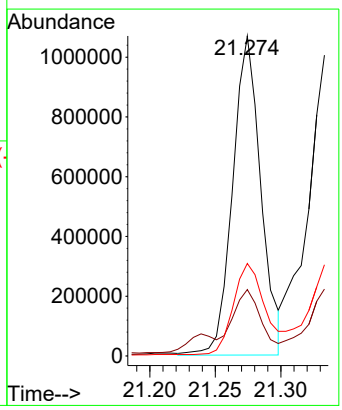


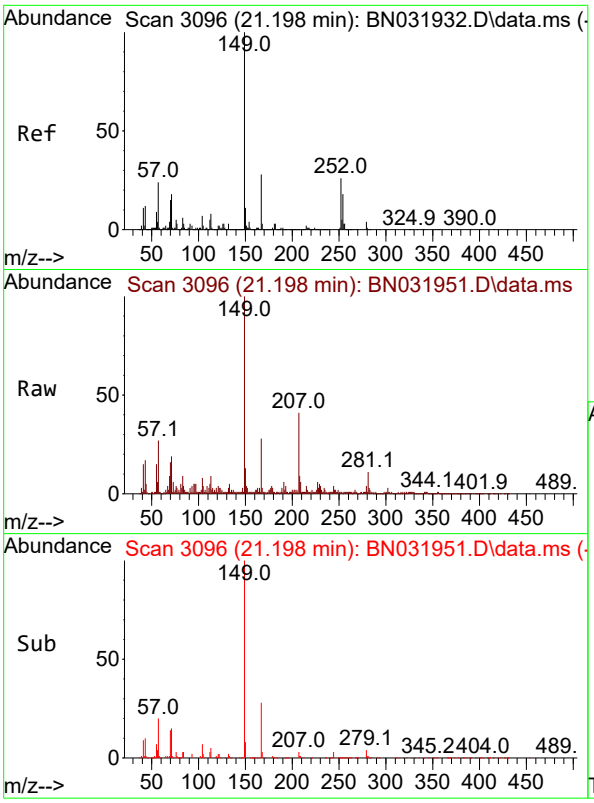


#85
Benzo(a)anthracene
Concen: 19.782 ng/ul
RT: 21.274 min Scan# 3109
Delta R.T. 0.000 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Tgt Ion:228 Resp: 1600073

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.7	25.1
226	28.9	22.8	34.2



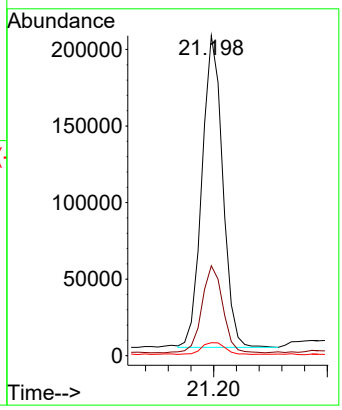


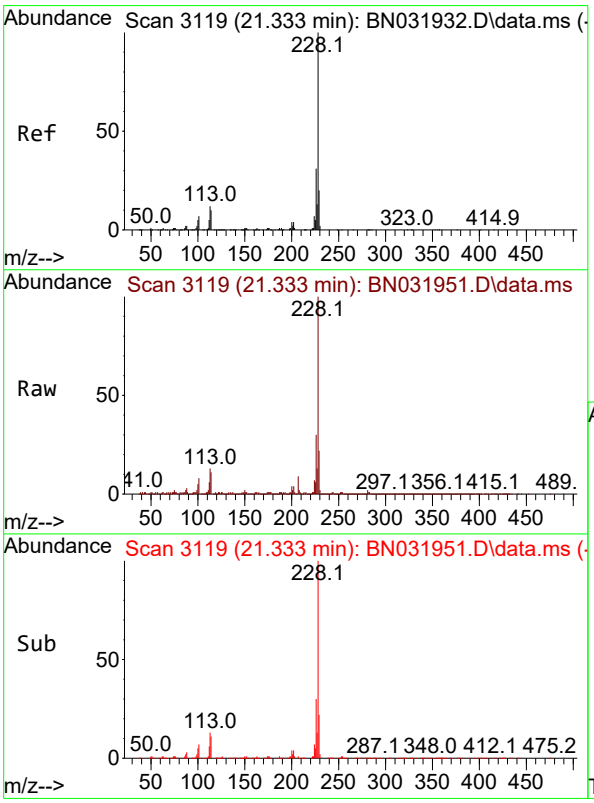
#86
Bis(2-ethylhexyl)phthalate
Concen: 4.708 ng/ul
RT: 21.198 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 257031

Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.4	32.0
279	4.1	3.3	4.9

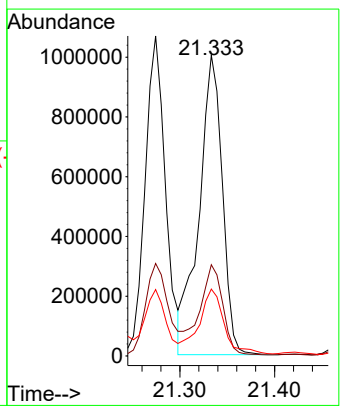


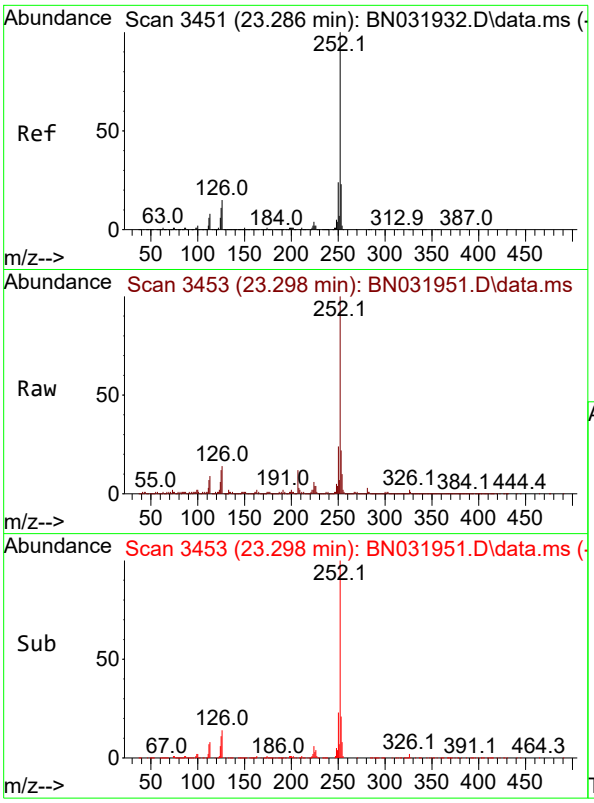


#87
Chrysene
Concen: 22.666 ng/ul
RT: 21.333 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Tgt Ion:228 Resp: 1712436

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	22.2	15.1	22.7



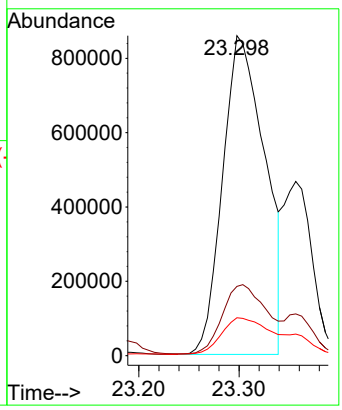


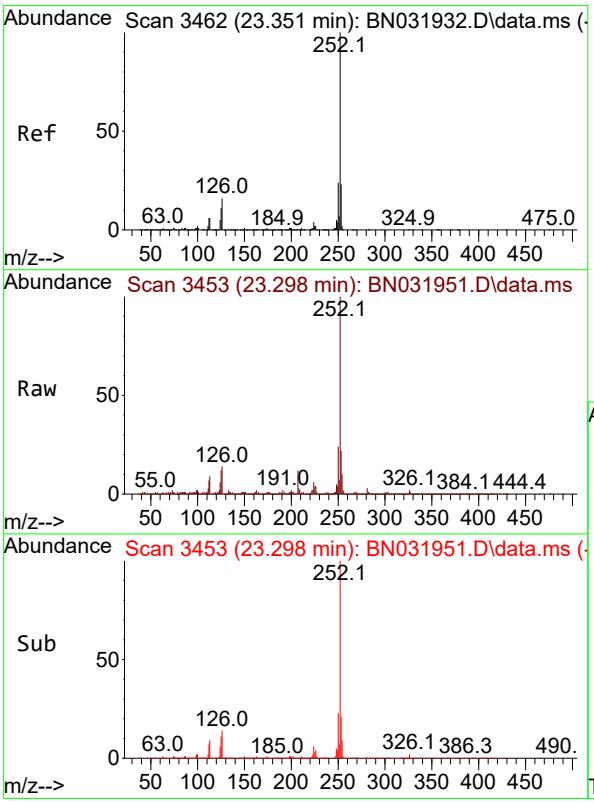
#90
Benzo(b)fluoranthene
Concen: 28.278 ng/ul
RT: 23.298 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2509595

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	11.9	9.2	13.8

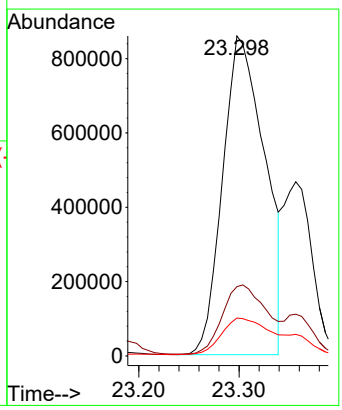


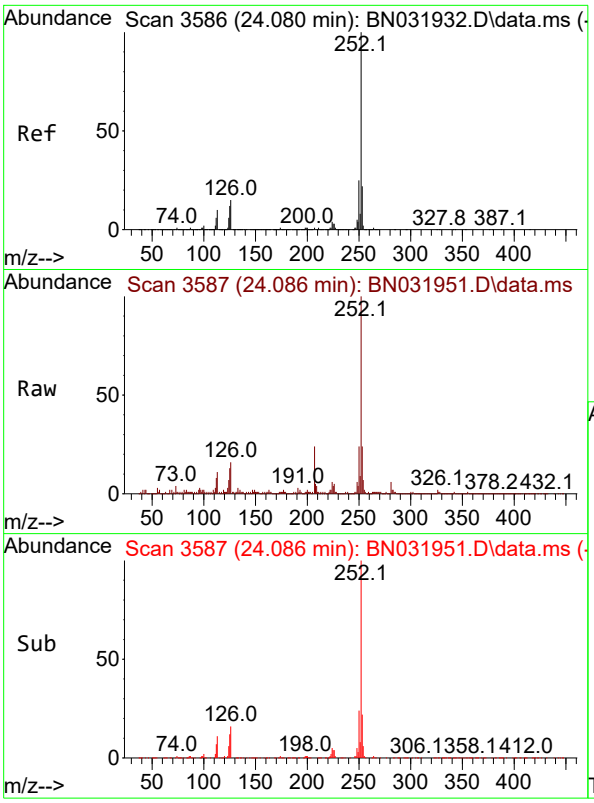


#91
Benzo(k)fluoranthene
Concen: 28.818 ng/ul
RT: 23.298 min Scan# 3453
Delta R.T. -0.053 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Tgt Ion:252 Resp: 2509595

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	11.9	9.4	14.2



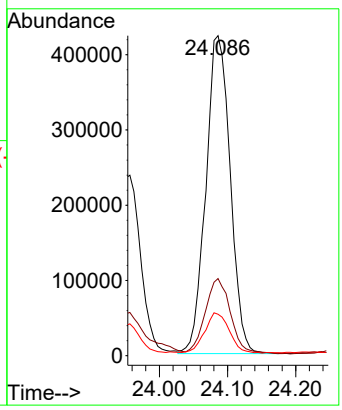


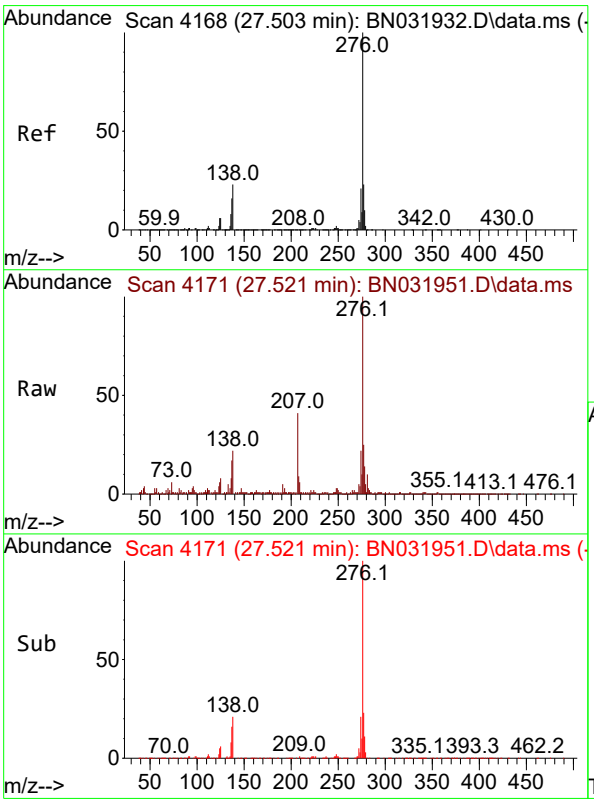
#93
Benzo(a)pyrene
Concen: 12.666 ng/ul
RT: 24.086 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1052815

Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.6	24.8
125	13.0	9.8	14.8

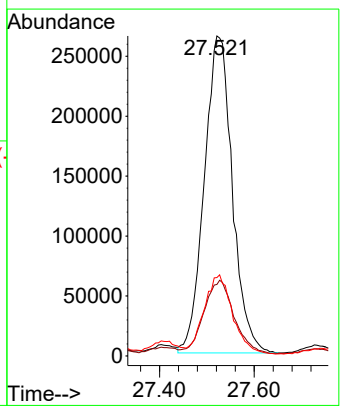


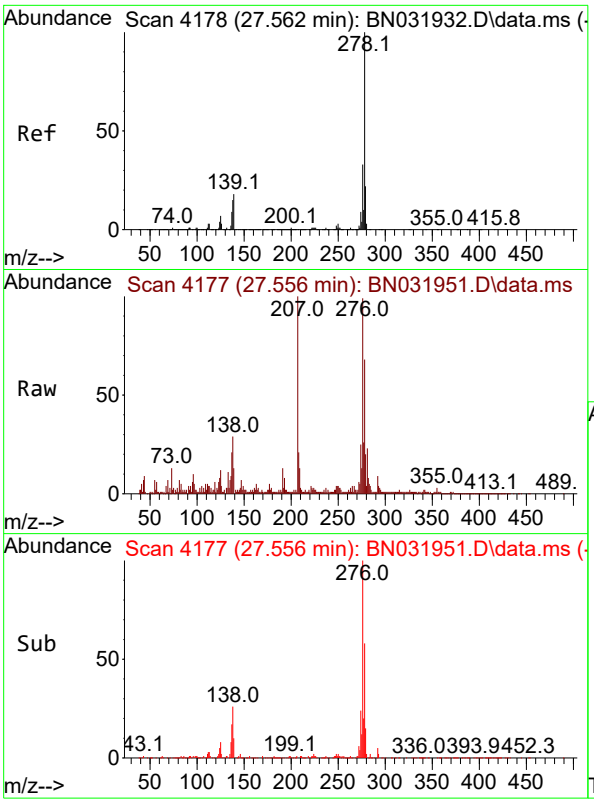


#94
Indeno(1,2,3-cd)pyrene
Concen: 11.354 ng/ul
RT: 27.521 min Scan# 4171
Delta R.T. 0.006 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Tgt Ion:276 Resp: 1087495

Ion	Ratio	Lower	Upper
276	100		
138	22.4	18.1	27.1
277	24.5	18.2	27.2



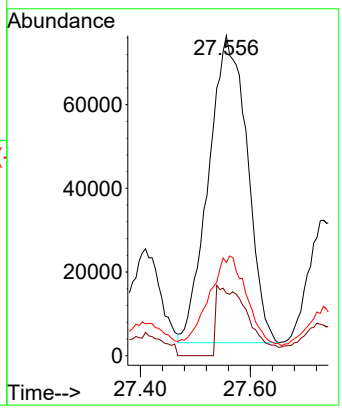


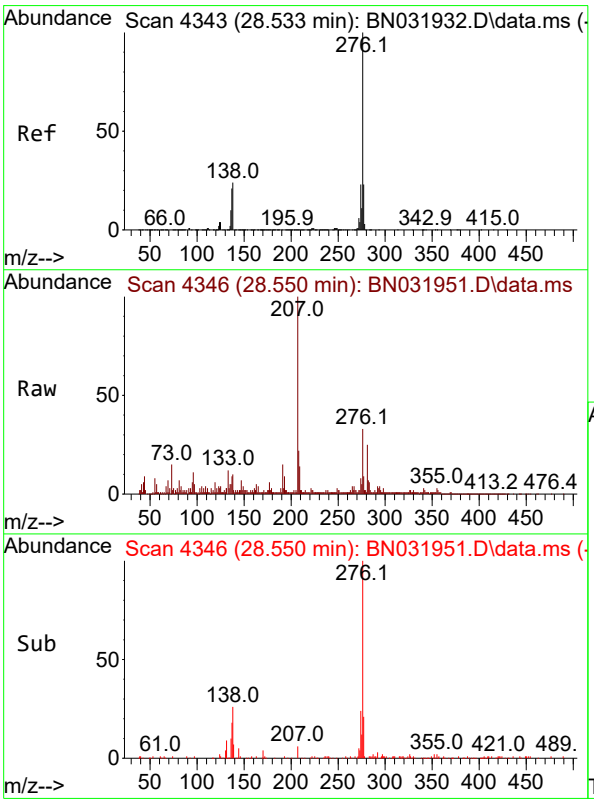
#95
Dibenzo(a,h)anthracene
Concen: 4.577 ng/ul
RT: 27.556 min Scan# 4
Delta R.T. -0.024 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 357934

Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.0	22.6
279	29.1	17.4	26.0#





#96
Benzo(g,h,i)perylene
Concen: 1.971 ng/ul
RT: 28.550 min Scan# 4346
Delta R.T. 0.006 min
Lab File: BN031951.D
Acq: 12 Jun 2024 21:18

Tgt Ion:276 Resp: 150064

Ion	Ratio	Lower	Upper
276	100		
138	29.7	20.9	31.3
277	26.6	18.0	27.0