Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123022\
Data File : BN023530.D
Acq On : 30 Dec 2022 13:34
Operator : CG/JU
Sample : N5388-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-07

Quant Time: Dec 30 21:55:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 21:52:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	5187	0.400	ng/ul	0.00
4) Naphthalene-d8	10.793	136	14777	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.627	164	7530	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	14857	0.400	ng/ul	0.00
17) Chrysene-d12	21.560	240	8041	0.400	ng/ul	0.00
23) Perylene-d12	23.995	264	5944	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	3117	0.553	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.383	152	7323	0.320	ng/ul	0.00
18) Fluoranthene-d10	19.402	212	13203	0.454	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	634	0.110	ng/ul#	84
5) Naphthalene	10.843	128	2648	0.061	ng/ul#	93
7) 2-Methylnaphthalene	12.454	142	1587	0.057	ng/ul	99
8) 1-Methylnaphthalene	12.674	142	1590	0.056	ng/ul	100
10) Acenaphthylene	14.345	152	1951	0.058	ng/ul#	94
11) Acenaphthene	14.687	153	1798	0.064	ng/ul	97
12) Fluorene	15.672	166	1872	0.059	ng/ul	99
14) Pentachlorophenol	17.023	266	249	0.060	ng/ul	98
15) Phenanthrene	17.411	178	2955	0.061	ng/ul#	93
16) Anthracene	17.504	178	2168	0.054	ng/ul#	91
19) Fluoranthene	19.430	202	3089	0.079	ng/ul#	95
20) Pyrene	19.792	202	2995	0.076	ng/ul	95
21) Benzo(a)anthracene	21.543	228	1833	0.059	ng/ul	94
22) Chrysene	21.595	228	2036	0.064	ng/ul	95
24) Benzo(b)fluoranthene	23.250	252	1967	0.064	ng/ul#	32
25) Benzo(k)fluoranthene	23.297	252	1572	0.054	ng/ul#	39
26) Benzo(a)pyrene	23.887	252	1441	0.059	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.540	276	1709	0.060	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.564	278	1225	0.056	ng/ul#	46
29) Benzo(g,h,i)perylene	27.325	276	1562	0.067	ng/ul#	77

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123022\
Data File : BN023530.D
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Misc :
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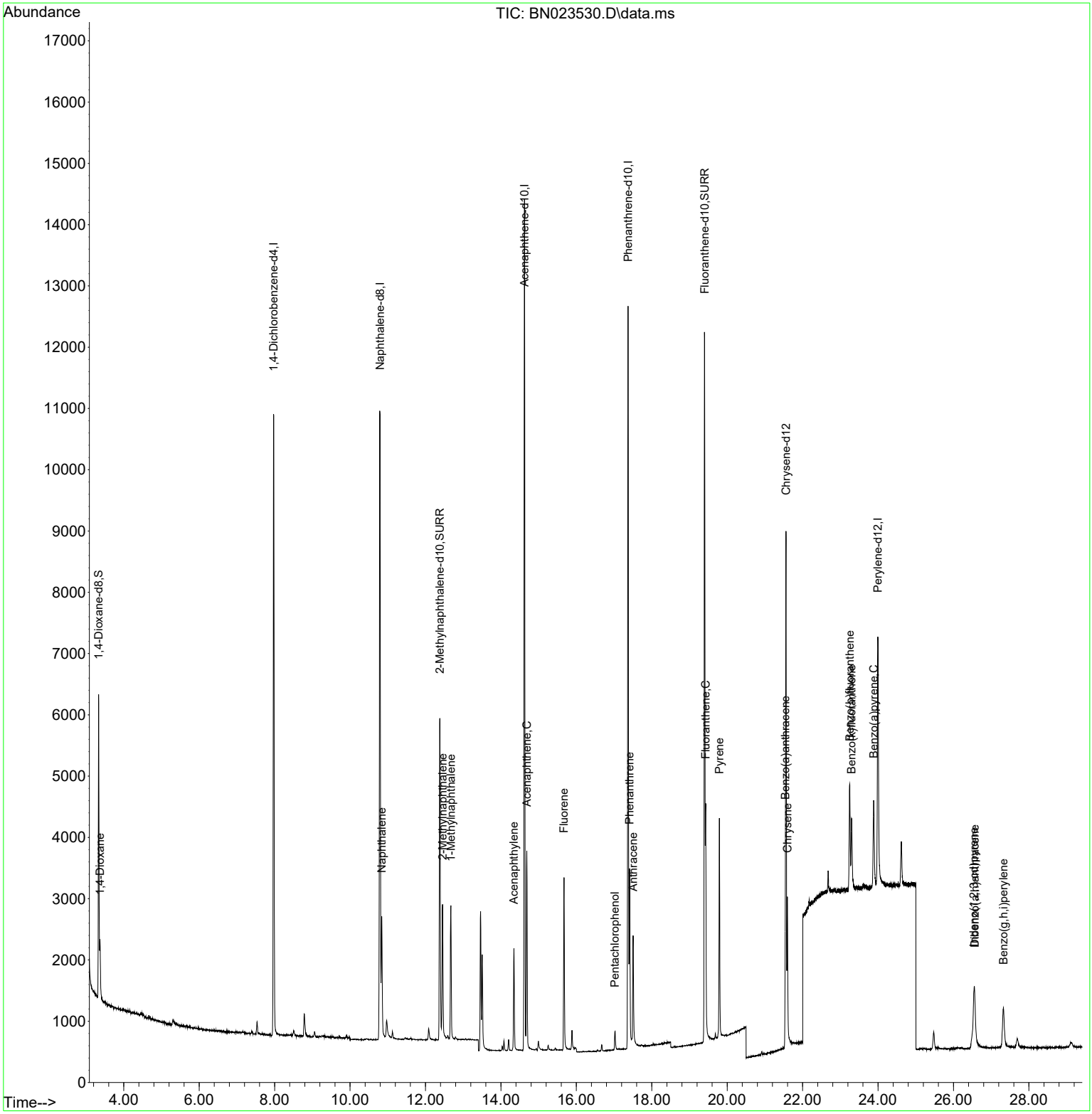
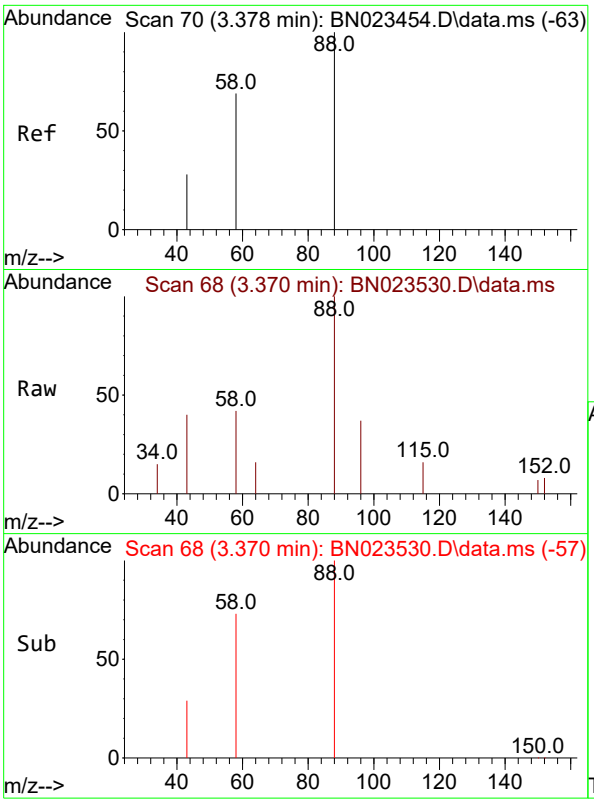
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-07

Quant Time: Dec 30 21:55:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 21:52:41 2022
Response via : Initial Calibration



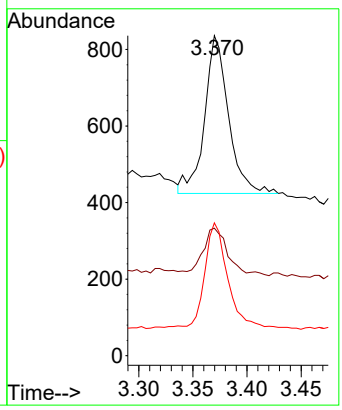


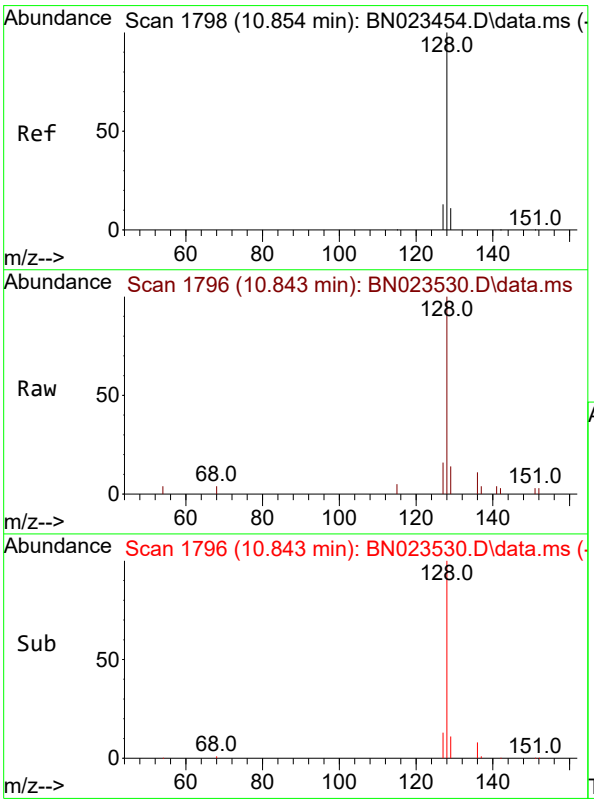
#2
1,4-Dioxane
Concen: 0.110 ng/ul
RT: 3.370 min Scan# 6
Delta R.T. -0.004 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-07

Tgt Ion: 88 Resp: 634

Ion	Ratio	Lower	Upper
88	100		
43	39.8	28.4	42.6
58	41.5	45.6	68.4#

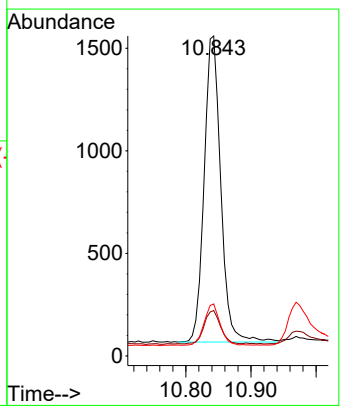


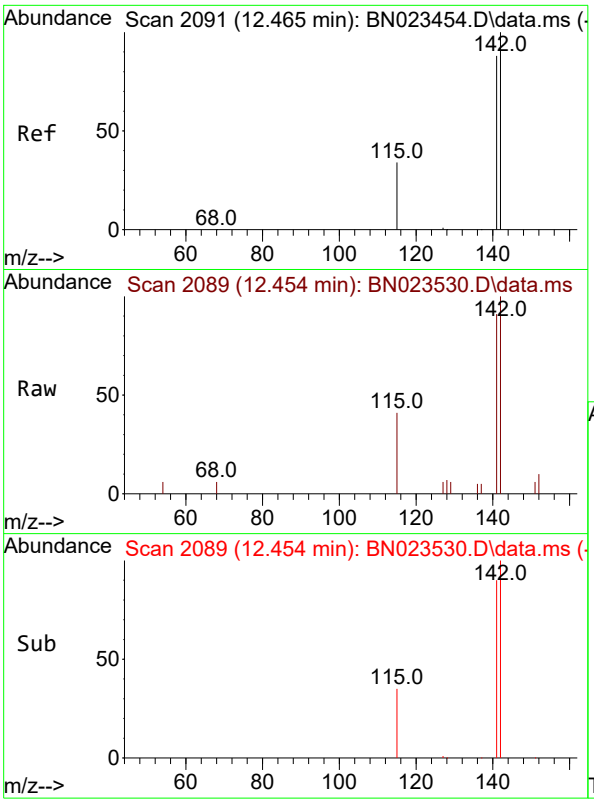


#5
Naphthalene
Concen: 0.061 ng/ul
RT: 10.843 min Scan# 1796
Delta R.T. 0.006 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Tgt Ion:128 Resp: 2648

Ion	Ratio	Lower	Upper
128	100		
129	14.2	9.0	13.4#
127	16.2	10.7	16.1#



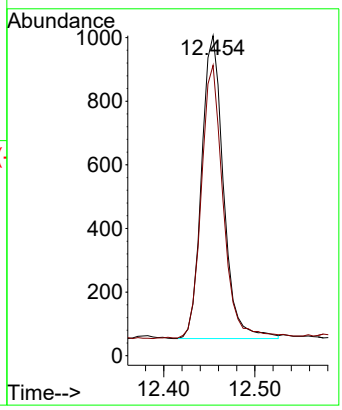


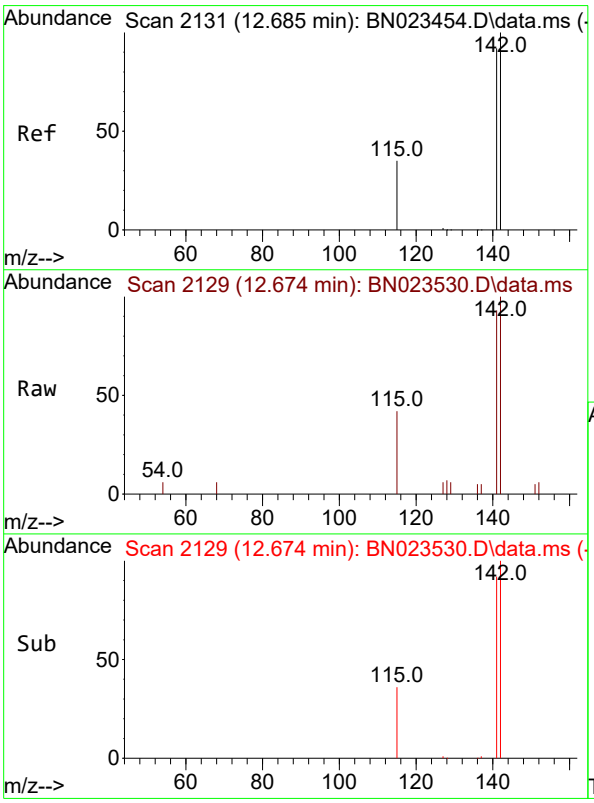
#7
2-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.454 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-07

Tgt Ion:142 Resp: 1587

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.4	107.2

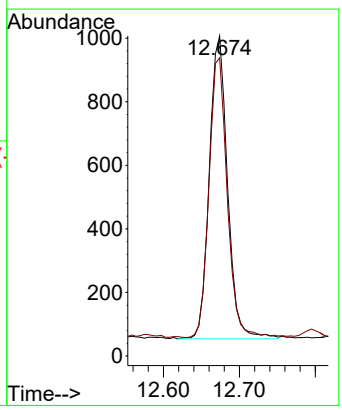


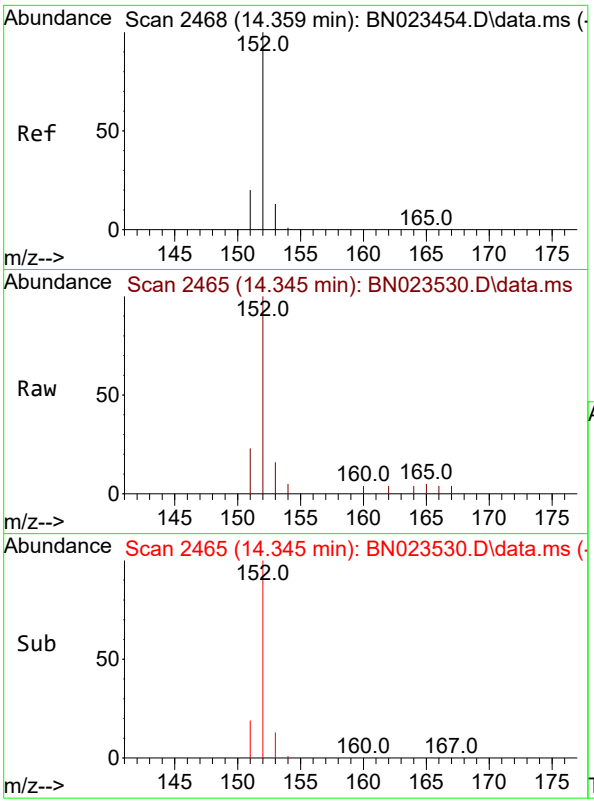


#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.674 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Tgt Ion:142 Resp: 1590

Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.0	111.0



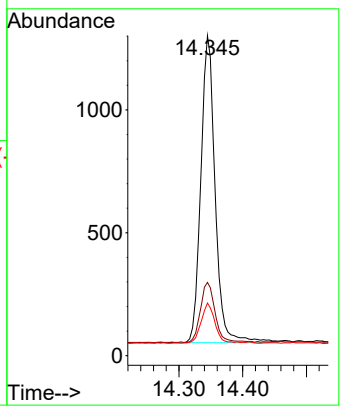


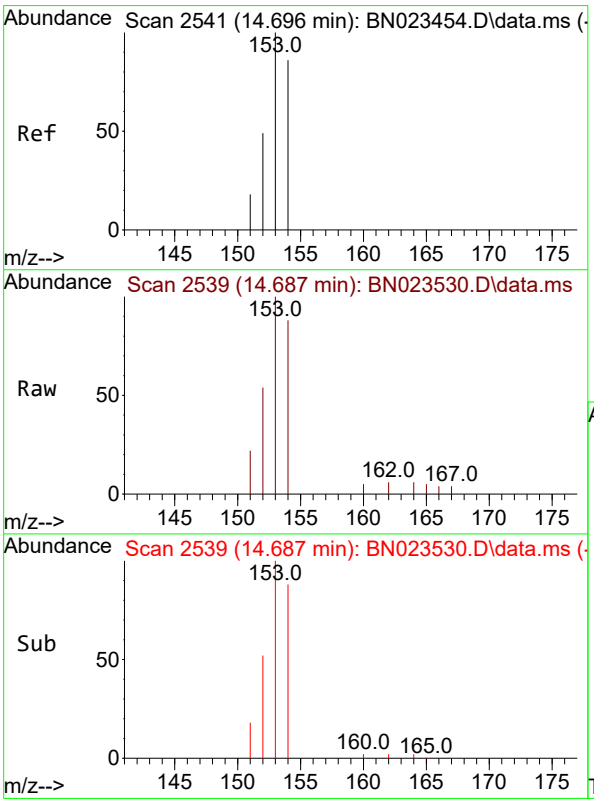
#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 14.345 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-07

Tgt Ion:152 Resp: 1951

Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.1	24.1
153	16.4	10.9	16.3#

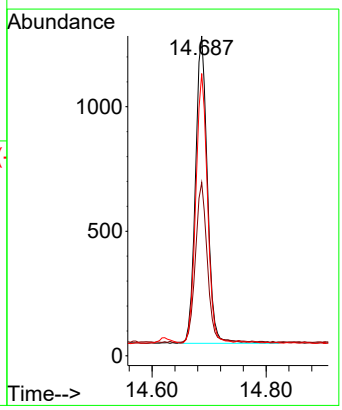


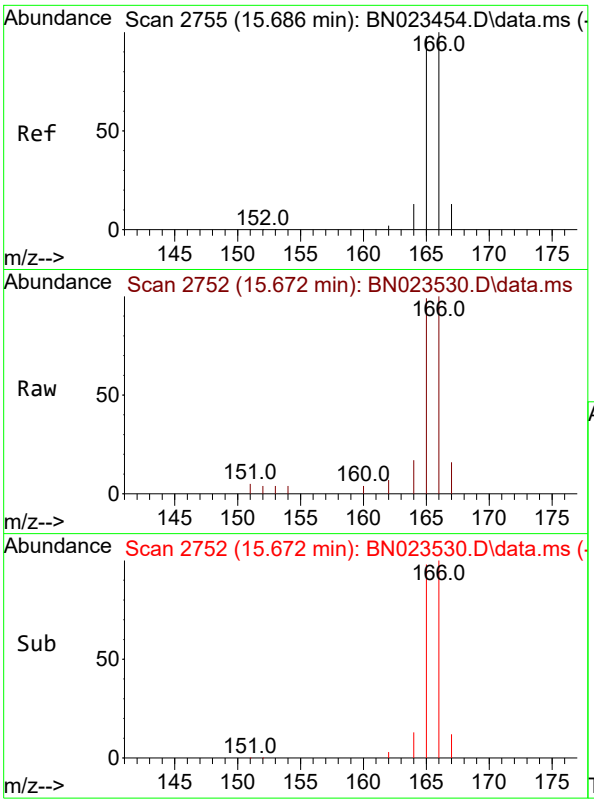


#11
Acenaphthene
Concen: 0.064 ng/ul
RT: 14.687 min Scan# 2539
Delta R.T. 0.000 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Tgt Ion:153 Resp: 1798

Ion	Ratio	Lower	Upper
153	100		
152	54.2	41.0	61.4
154	88.2	69.5	104.3



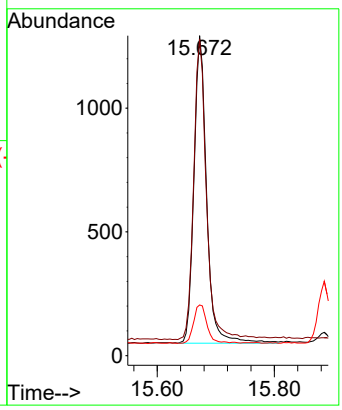


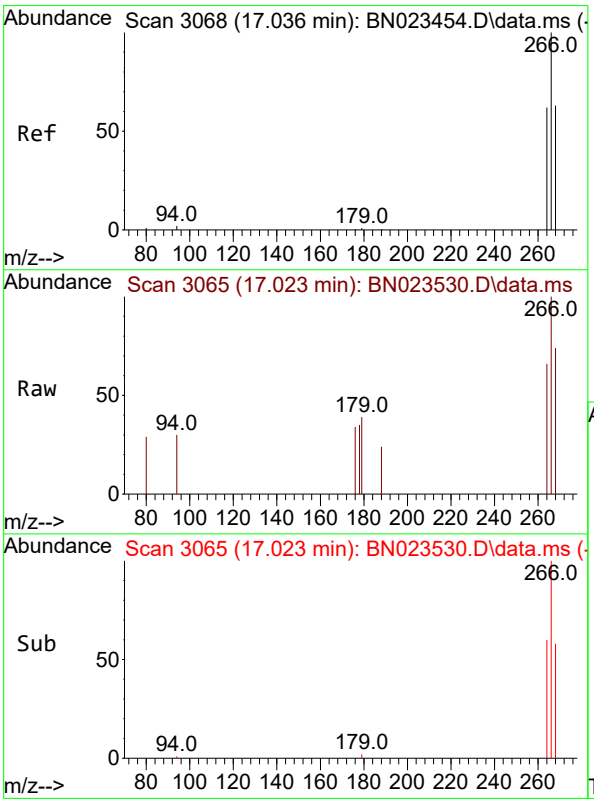
#12
Fluorene
Concen: 0.059 ng/ul
RT: 15.672 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-07

Tgt Ion:166 Resp: 1872

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.1	118.7
167	15.9	11.0	16.4

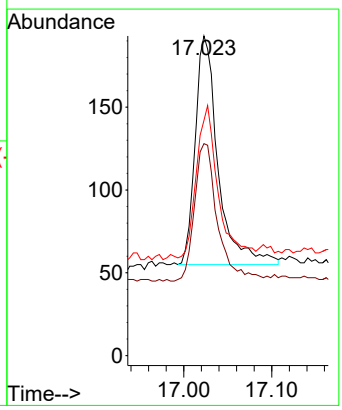


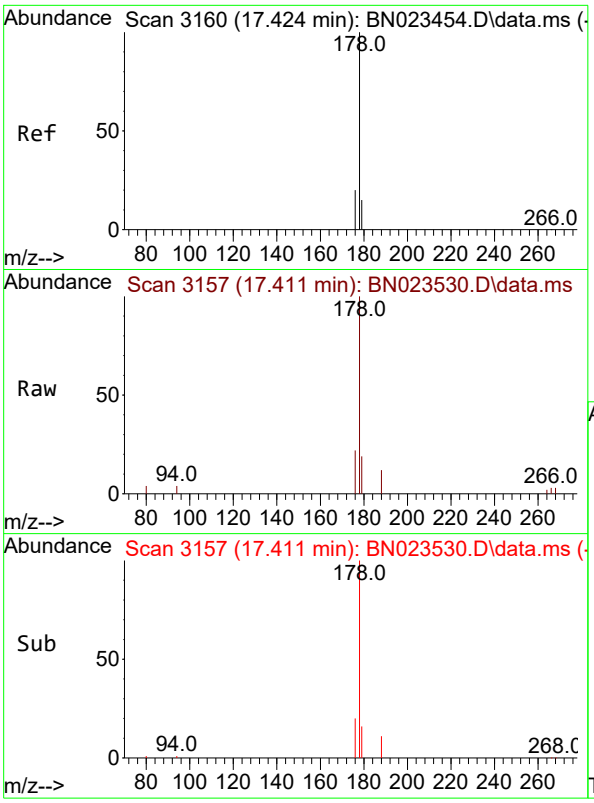


#14
Pentachlorophenol
Concen: 0.060 ng/ul
RT: 17.023 min Scan# 3065
Delta R.T. 0.000 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Tgt Ion:266 Resp: 249

Ion	Ratio	Lower	Upper
266	100		
264	60.6	49.8	74.6
268	62.7	51.4	77.0



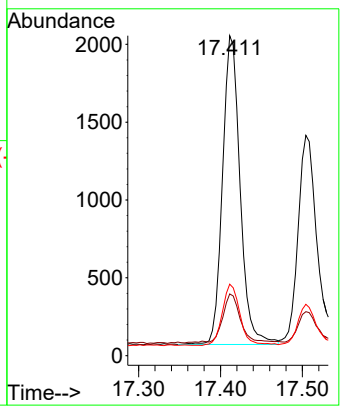


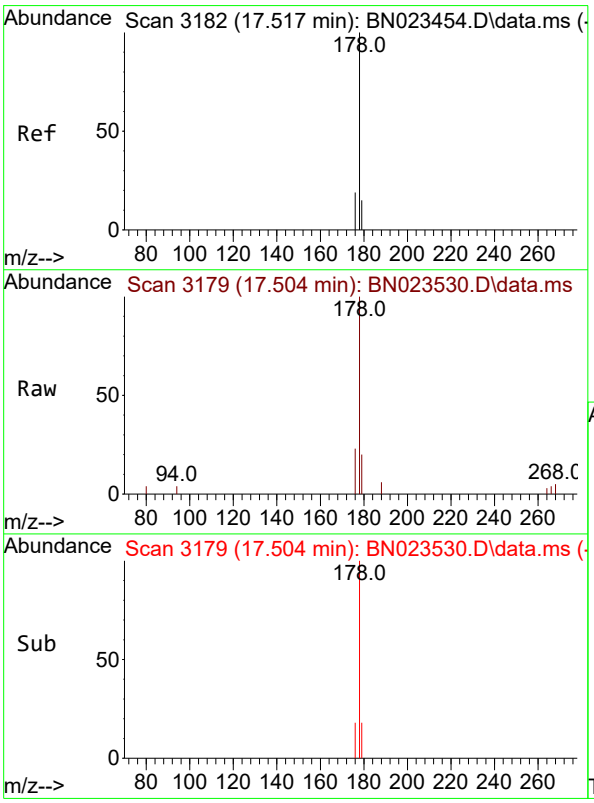
#15
Phenanthrene
Concen: 0.061 ng/ul
RT: 17.411 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-07

Tgt Ion:178 Resp: 2955

Ion	Ratio	Lower	Upper
178	100		
179	19.3	12.5	18.7#
176	22.3	15.7	23.5

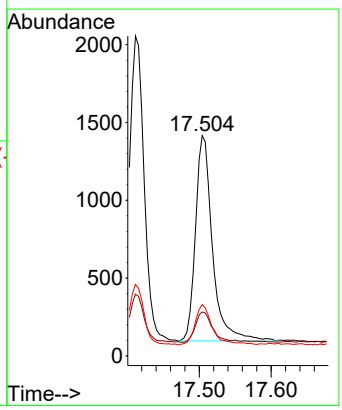


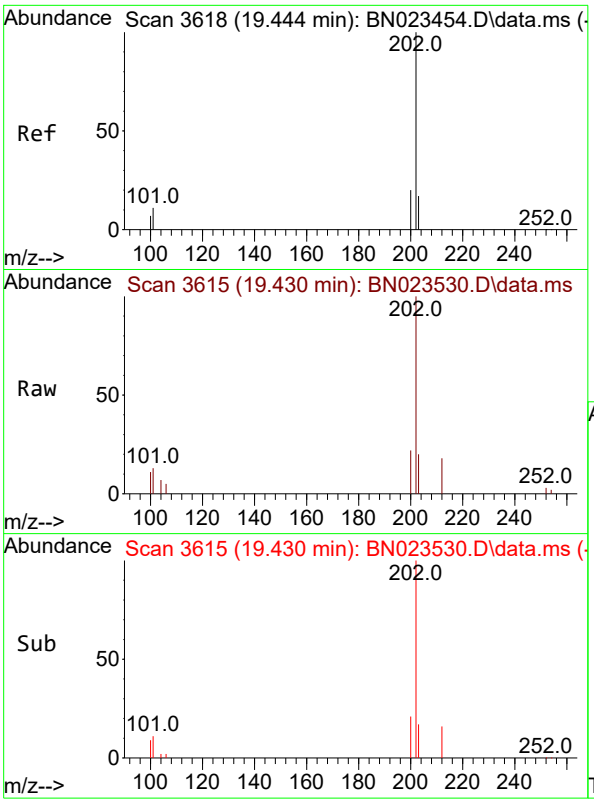


#16
Anthracene
Concen: 0.054 ng/ul
RT: 17.504 min Scan# 3179
Delta R.T. 0.000 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Tgt Ion:178 Resp: 2168

Ion	Ratio	Lower	Upper
178	100		
179	19.9	12.6	18.8#
176	23.3	15.4	23.0#



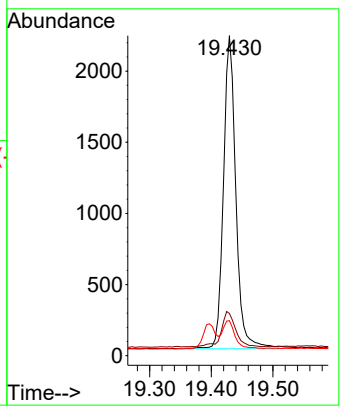


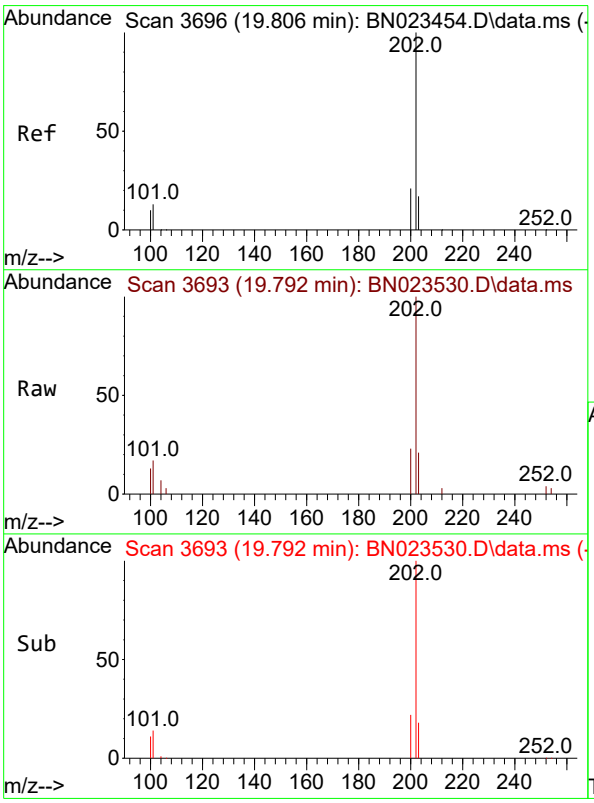
#19
Fluoranthene
Concen: 0.079 ng/ul
RT: 19.430 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-07

Tgt Ion:202 Resp: 3089

Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.4	14.2
100	11.0	7.0	10.6#

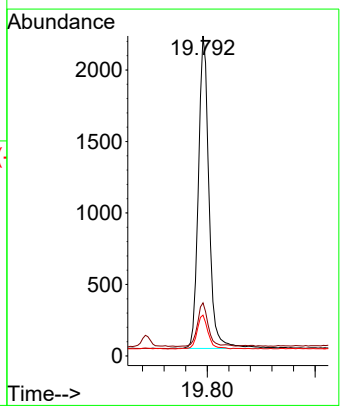


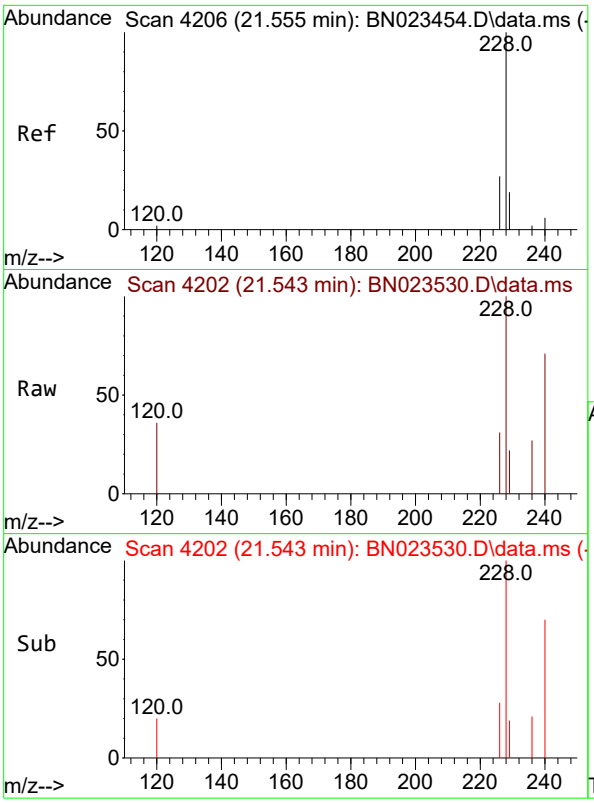


#20
Pyrene
Concen: 0.076 ng/ul
RT: 19.792 min Scan# 3693
Delta R.T. 0.000 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Tgt Ion:202 Resp: 2995

Ion	Ratio	Lower	Upper
202	100		
101	16.6	11.3	16.9
100	12.8	9.0	13.4



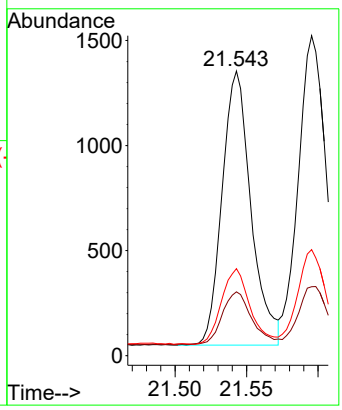


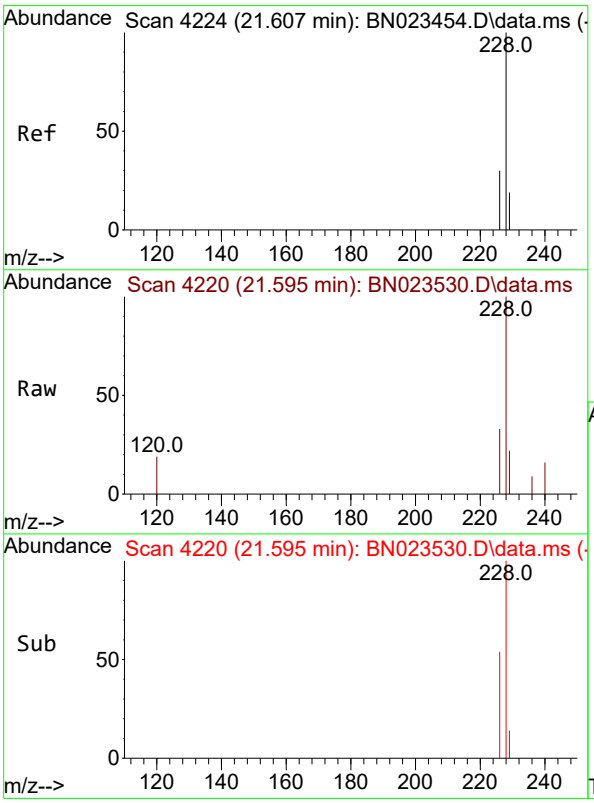
#21
Benzo(a)anthracene
Concen: 0.059 ng/ul
RT: 21.543 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-07

Tgt Ion:228 Resp: 1833

Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.6	23.4
226	30.6	22.2	33.2

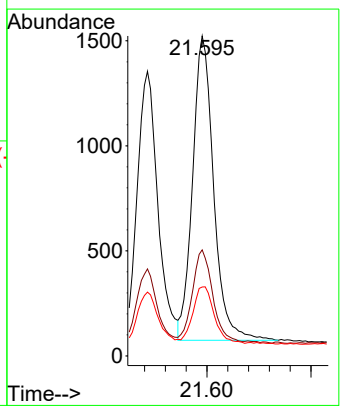


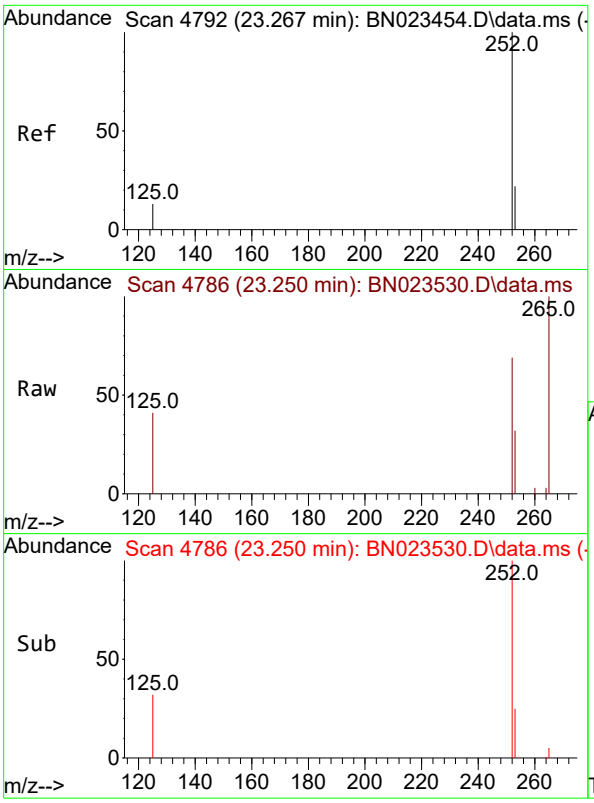


#22
Chrysene
Concen: 0.064 ng/ul
RT: 21.595 min Scan# 4220
Delta R.T. 0.003 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Tgt Ion:228 Resp: 2036

Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.3	36.5
229	21.5	15.8	23.6



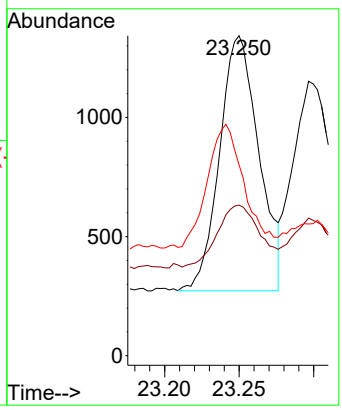


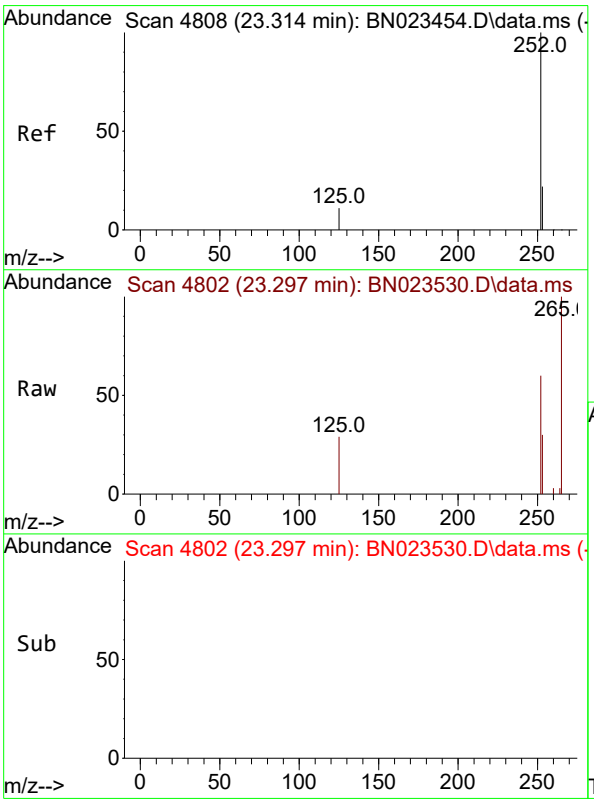
#24
Benzo(b)fluoranthene
Concen: 0.064 ng/ul
RT: 23.250 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-07

Tgt Ion:252 Resp: 1967

Ion	Ratio	Lower	Upper
252	100		
253	47.1	0.0	49.2
125	59.7	0.0	31.8#

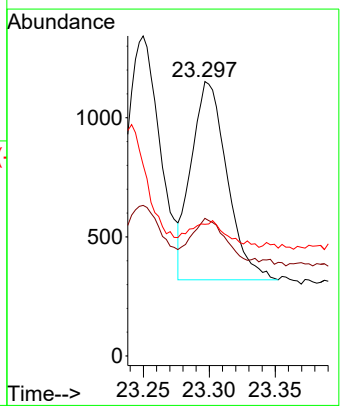


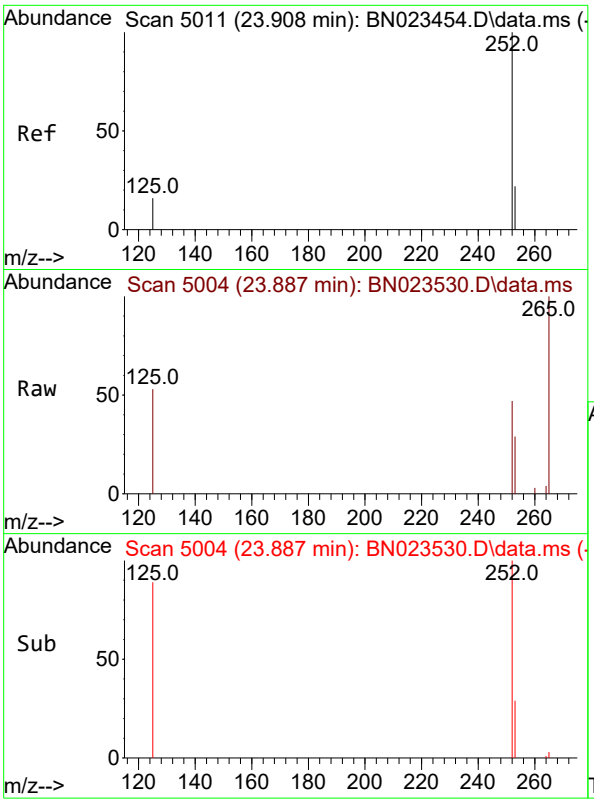


#25
Benzo(k)fluoranthene
Concen: 0.054 ng/ul
RT: 23.297 min Scan# 4802
Delta R.T. 0.003 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Tgt Ion:252 Resp: 1572

Ion	Ratio	Lower	Upper
252	100		
253	50.2	19.8	29.6#
125	48.0	12.6	18.8#



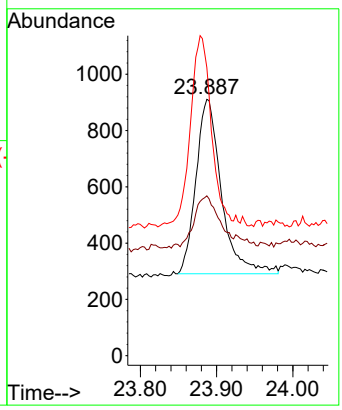


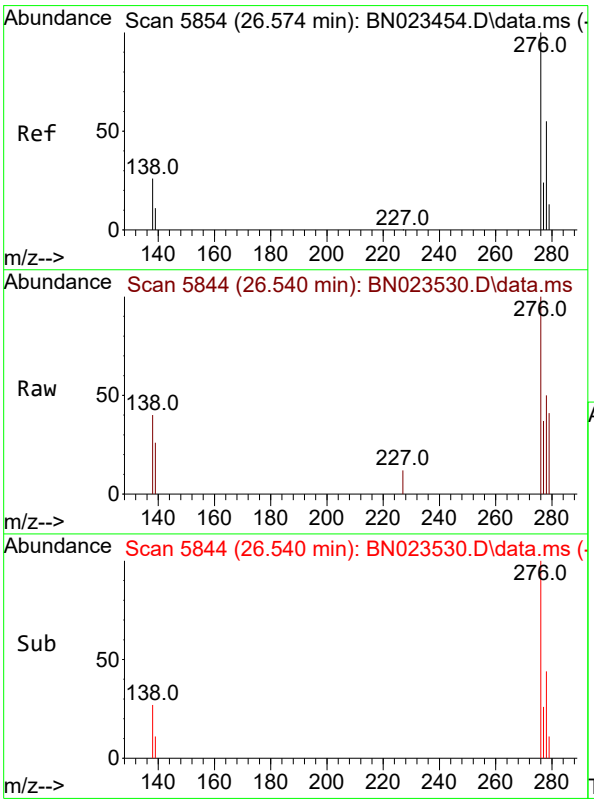
#26
Benzo(a)pyrene
Concen: 0.059 ng/ul
RT: 23.887 min Scan# 5
Delta R.T. 0.006 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-07

Tgt Ion:252 Resp: 1441

Ion	Ratio	Lower	Upper
252	100		
253	62.3	21.4	32.2#
125	112.4	16.2	24.4#

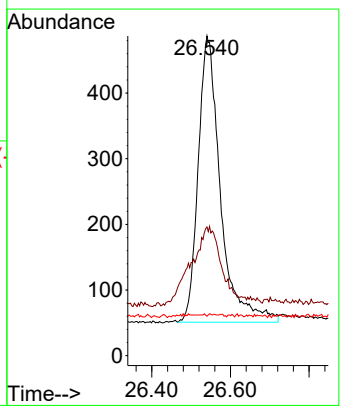


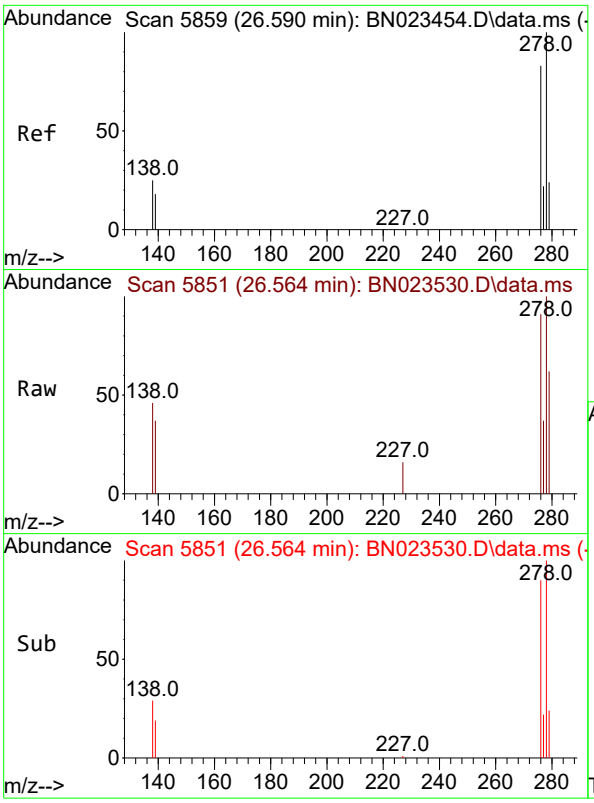


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.060 ng/ul
RT: 26.540 min Scan# 5844
Delta R.T. 0.007 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Tgt Ion:276 Resp: 1709

Ion	Ratio	Lower	Upper
276	100		
138	0.0	23.4	35.2#
227	0.1	0.0	0.0#



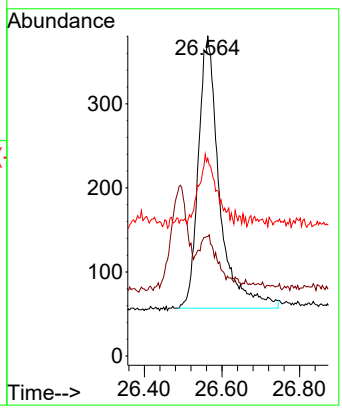


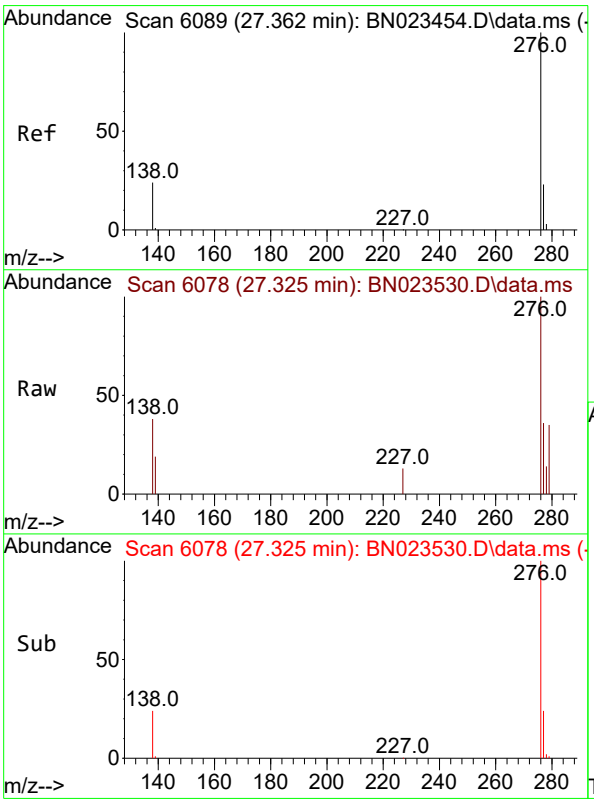
#28
Dibenzo(a,h)anthracene
Concen: 0.056 ng/ul
RT: 26.564 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2022-07

Tgt Ion:278 Resp: 1225

Ion	Ratio	Lower	Upper
278	100		
139	37.3	16.6	24.8#
279	61.7	21.3	31.9#





#29
Benzo(g,h,i)perylene
Concen: 0.067 ng/ul
RT: 27.325 min Scan# 6078
Delta R.T. 0.010 min
Lab File: BN023530.D
Acq: 30 Dec 2022 13:34

Tgt Ion:276 Resp: 1562

Ion	Ratio	Lower	Upper
276	100		
138	37.6	20.3	30.5#
277	35.9	19.7	29.5#