Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035621.D
Acq On : 16 Dec 2024 17:37
Operator : RC/JU
Sample : P5232-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S5

Quant Time: Dec 16 21:55:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	2274	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	6831	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	4849	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	10533	0.400	ng/ul	0.00
17) Chrysene-d12	20.959	240	8631	0.400	ng/ul	0.00
23) Perylene-d12	23.045	264	10263	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	4851	2.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	1635	0.168	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	4335	0.172	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.968	88	98	0.048	ng/ul#	1
5) Naphthalene	10.075	128	3430	0.205	ng/ul	96
7) 2-Methylnaphthalene	11.708	142	2127	0.189	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	1615	0.138	ng/ul	98
10) Acenaphthylene	13.657	152	4015	0.214	ng/ul	97
11) Acenaphthene	14.009	153	447	0.031	ng/ul#	92
12) Fluorene	15.008	166	610	0.037	ng/ul#	85
14) Pentachlorophenol	16.375	266	94	0.035	ng/ul	98
15) Phenanthrene	16.755	178	19232	0.730	ng/ul	99
16) Anthracene	16.844	178	4235	0.172	ng/ul#	94
19) Fluoranthene	18.796	202	50312	1.630	ng/ul	98
20) Pyrene	19.163	202	43258	1.272	ng/ul	98
21) Benzo(a)anthracene	20.941	228	22853	0.798	ng/ul	96
22) Chrysene	20.994	228	26056	0.877	ng/ul	98
24) Benzo(b)fluoranthene	22.434	252	57244	1.893	ng/ul	90
25) Benzo(k)fluoranthene	22.434	252	57244	1.711	ng/ul#	90
26) Benzo(a)pyrene	23.086	252	5975	0.204	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.068	276	25022	0.702	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.084	278	6256	0.230	ng/ul#	85
29) Benzo(g,h,i)perylene	25.681	276	25654	0.896	ng/ul#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035621.D
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Operator : RC/JU
Sample : P5232-11
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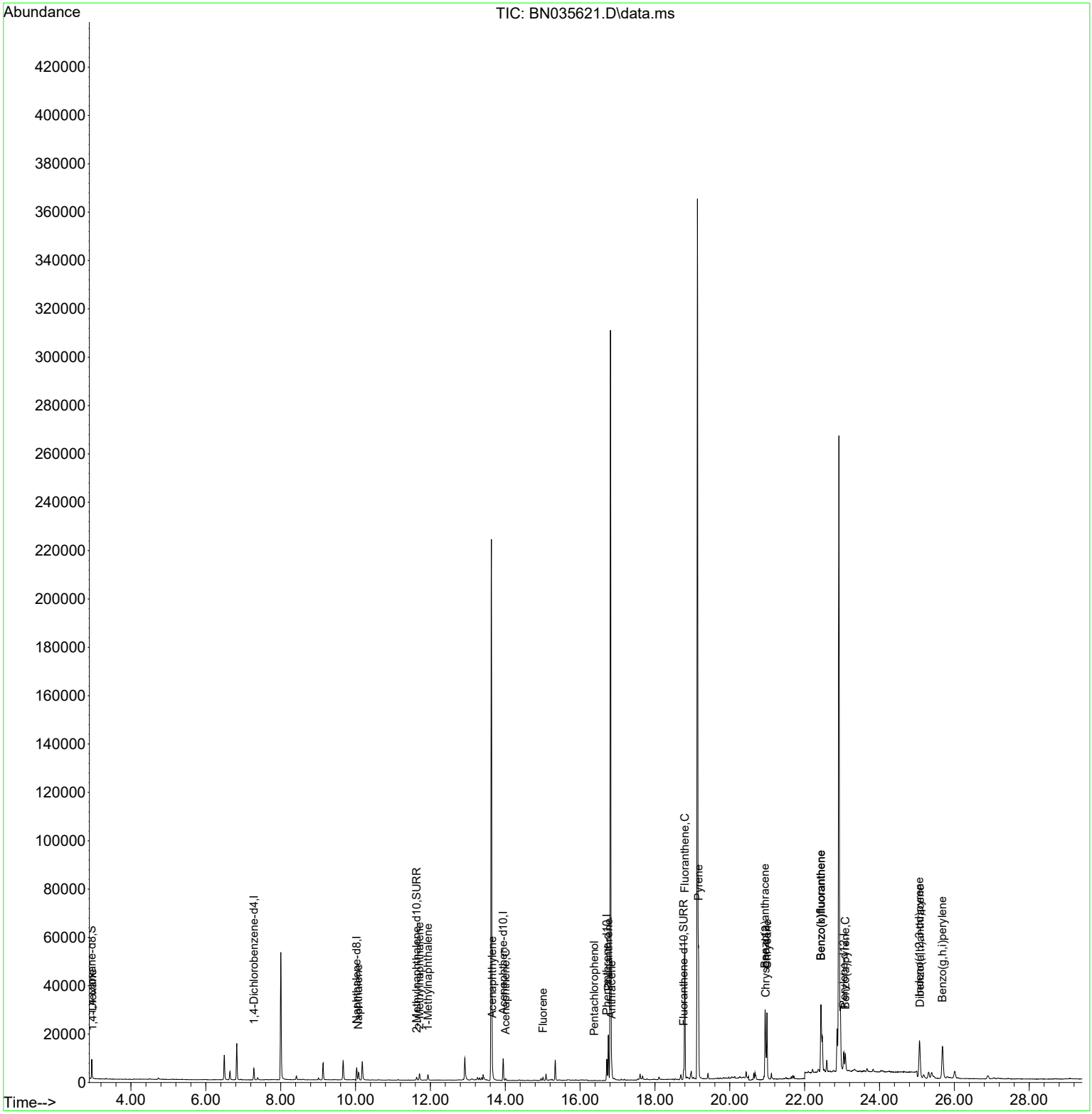
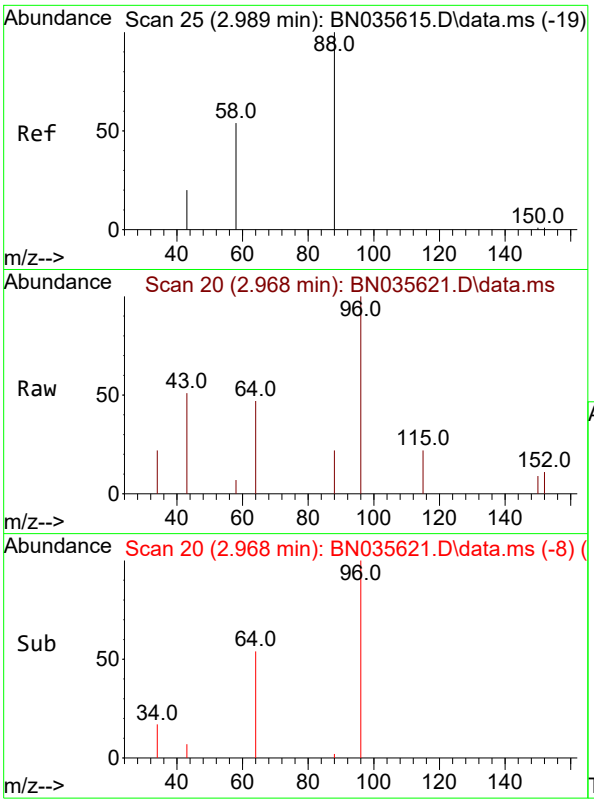
Quant Time: Dec 16 21:55:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration



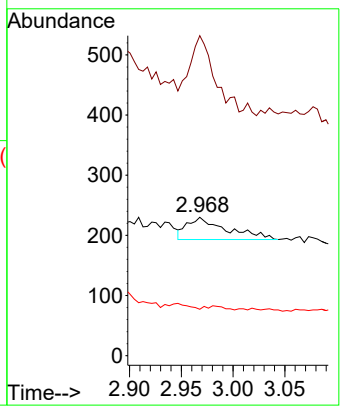


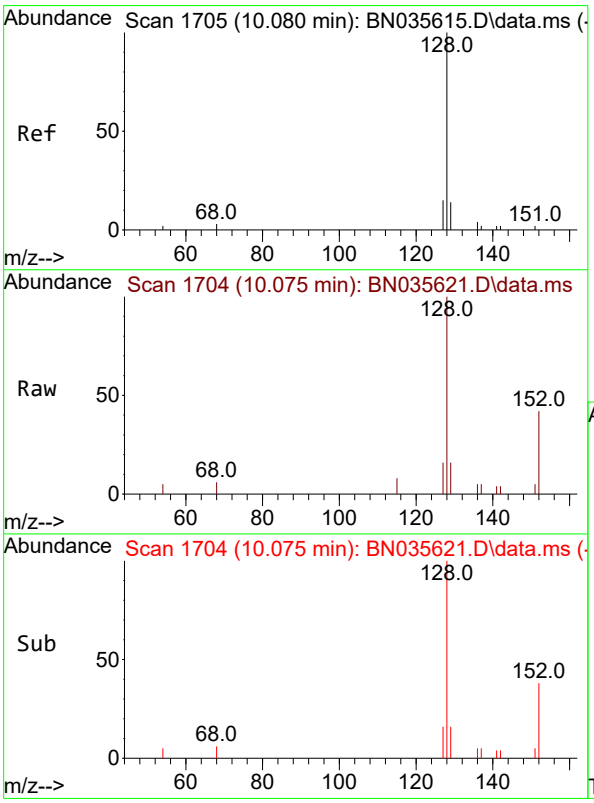
#2
1,4-Dioxane
Concen: 0.048 ng/ul
RT: 2.968 min Scan# 2
Delta R.T. -0.021 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Instrument :
BNA_N
ClientSampleId :
E28S5

Tgt Ion: 88 Resp: 98

Ion	Ratio	Lower	Upper
88	100		
43	231.3	39.4	59.2#
58	33.5	29.8	44.6

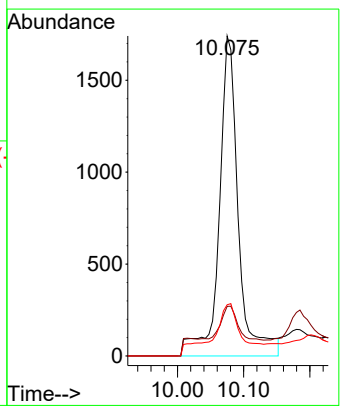


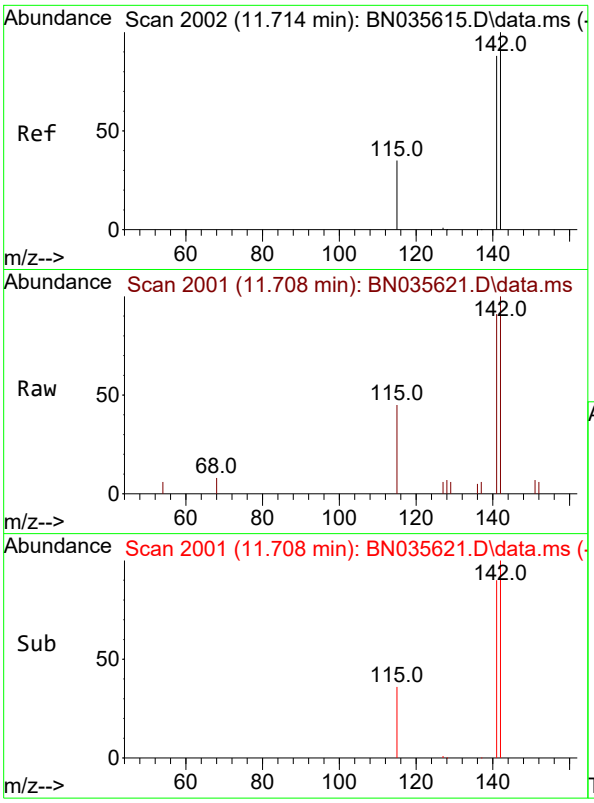


#5
Naphthalene
Concen: 0.205 ng/ul
RT: 10.075 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Tgt Ion:128 Resp: 3430

Ion	Ratio	Lower	Upper
128	100		
129	15.5	10.8	16.2
127	16.0	12.0	18.0



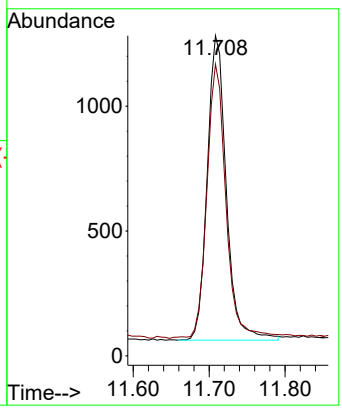


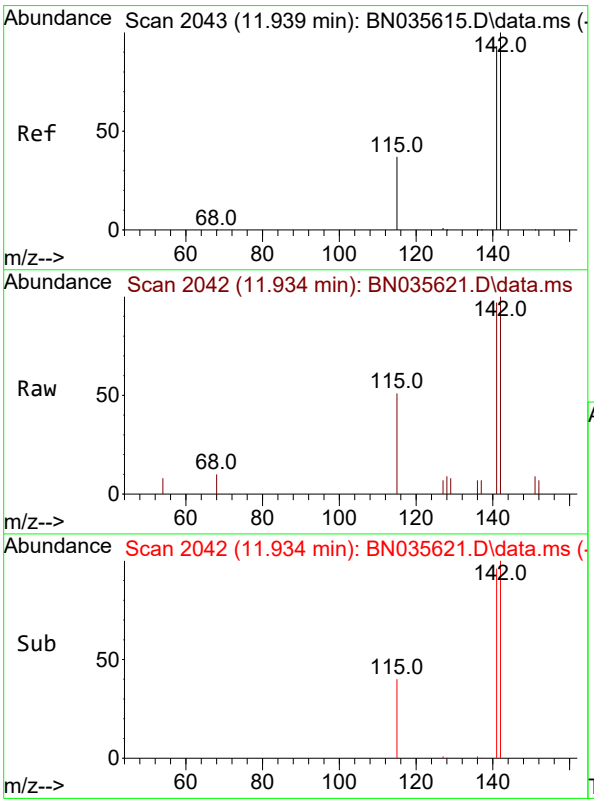
#7
2-Methylnaphthalene
Concen: 0.189 ng/ul
RT: 11.708 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Instrument :
BNA_N
ClientSampleId :
E28S5

Tgt Ion:142 Resp: 2127

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.8	109.2

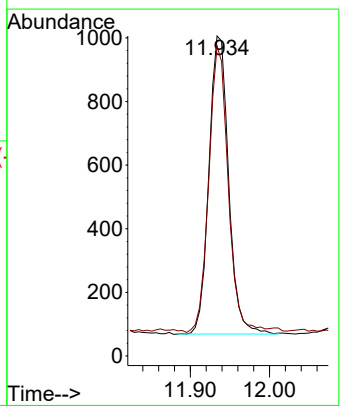


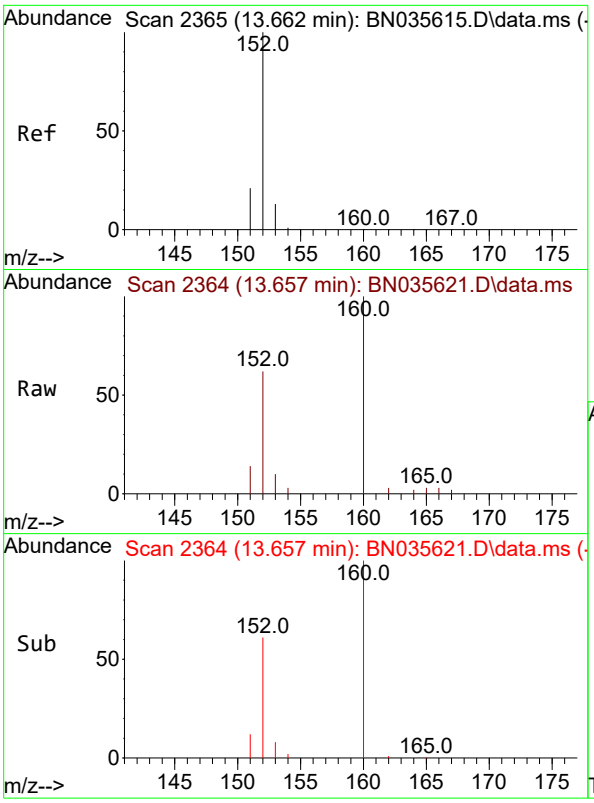


#8
1-Methylnaphthalene
Concen: 0.138 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Tgt Ion:142 Resp: 1615

Ion	Ratio	Lower	Upper
142	100		
141	95.3	74.7	112.1



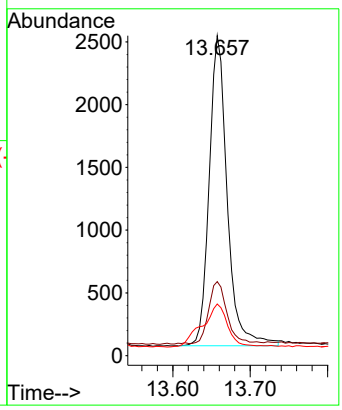


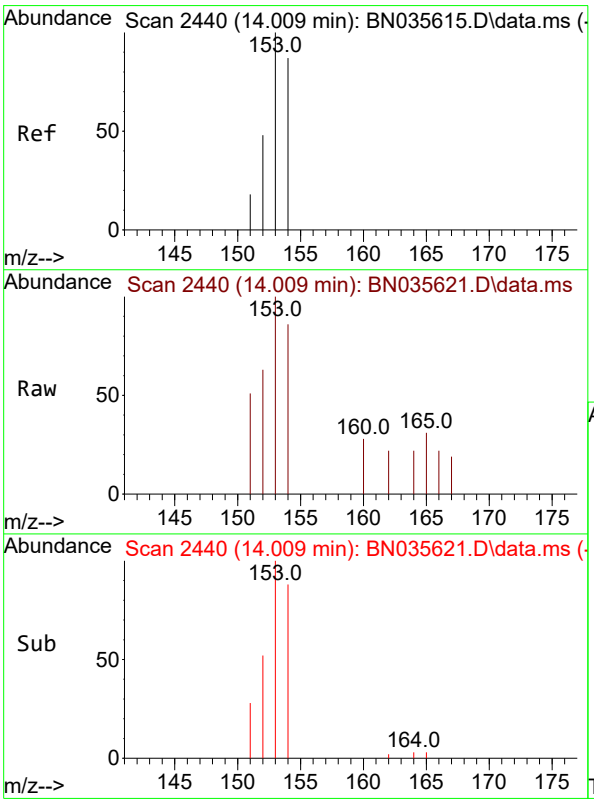
#10
Acenaphthylene
Concen: 0.214 ng/ul
RT: 13.657 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Instrument :
BNA_N
ClientSampleId :
E28S5

Tgt Ion:152 Resp: 4015

Ion	Ratio	Lower	Upper
152	100		
151	23.1	17.6	26.4
153	16.1	11.4	17.2

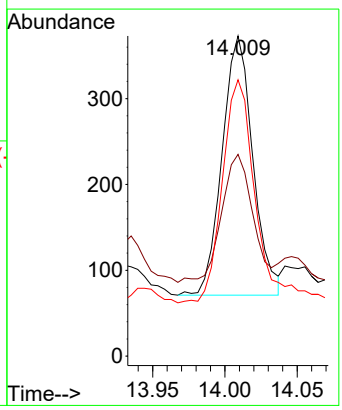


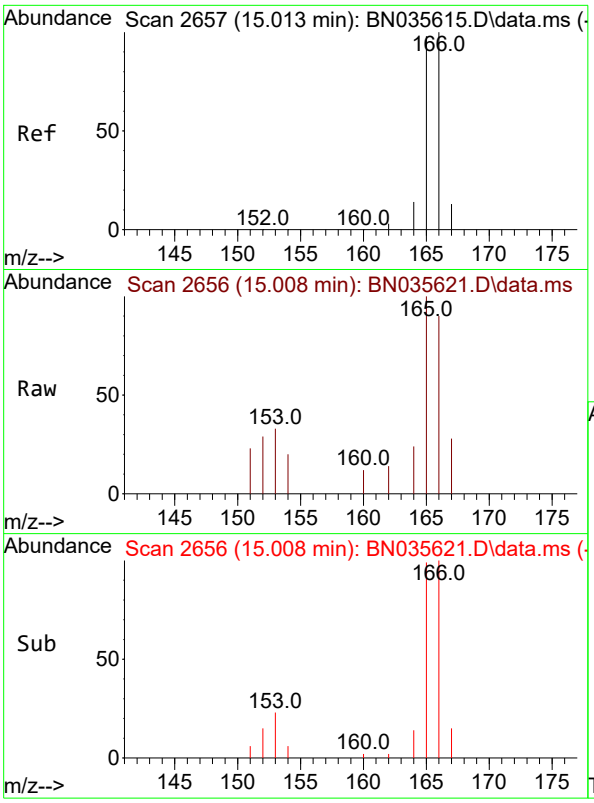


#11
Acenaphthene
Concen: 0.031 ng/ul
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Tgt Ion:153 Resp: 447

Ion	Ratio	Lower	Upper
153	100		
152	63.0	39.8	59.6#
154	86.3	69.8	104.8



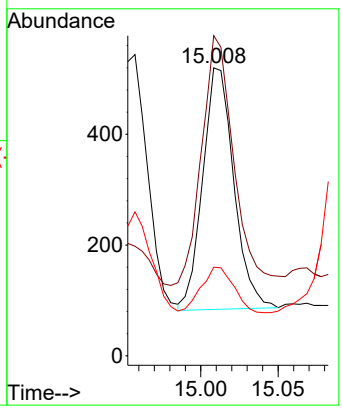


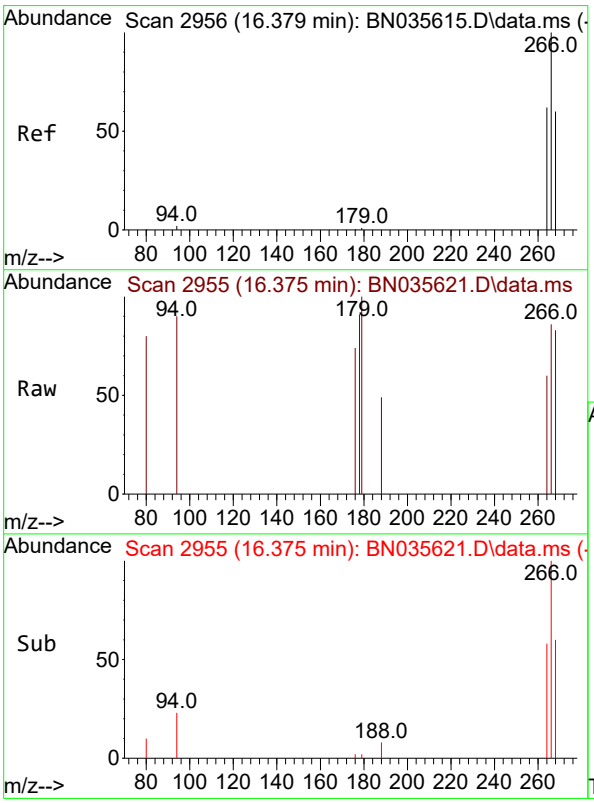
#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.008 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Instrument :
BNA_N
ClientSampleId :
E28S5

Tgt Ion:166 Resp: 610

Ion	Ratio	Lower	Upper
166	100		
165	111.2	79.5	119.3
167	30.8	11.8	17.8#

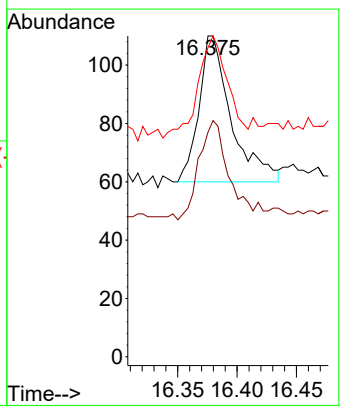


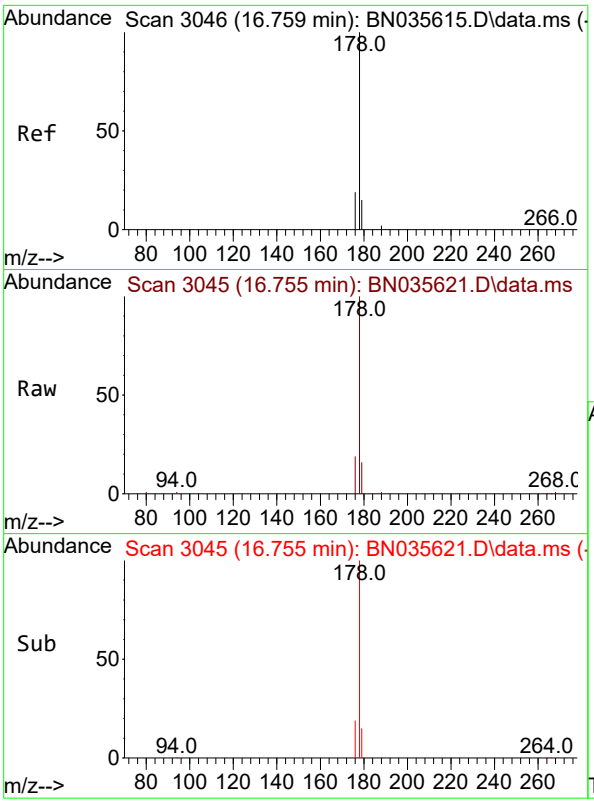


#14
Pentachlorophenol
Concen: 0.035 ng/ul
RT: 16.375 min Scan# 2955
Delta R.T. -0.004 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Tgt Ion:266 Resp: 94

Ion	Ratio	Lower	Upper
266	100		
264	59.6	49.9	74.9
268	64.9	52.8	79.2



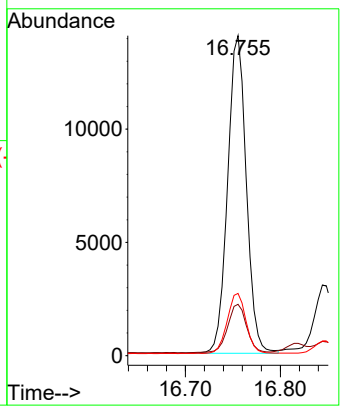


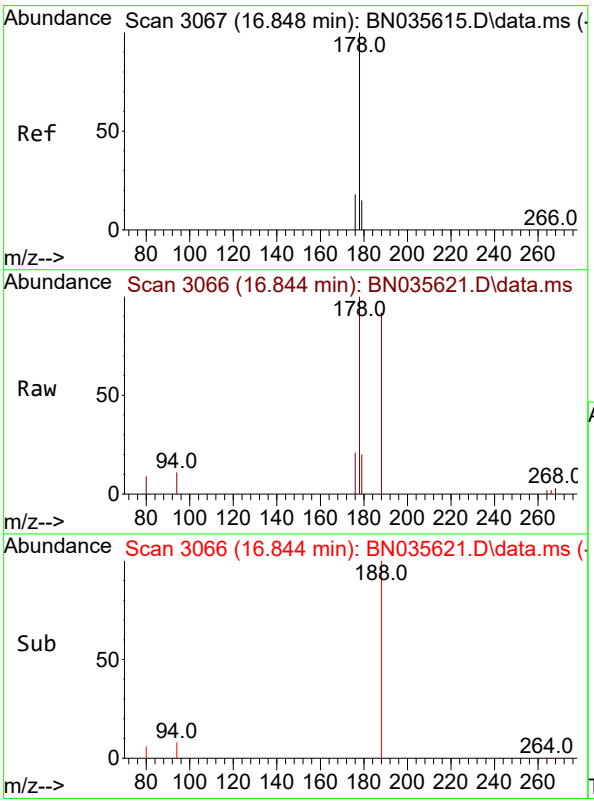
#15
Phenanthrene
Concen: 0.730 ng/ul
RT: 16.755 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Instrument :
BNA_N
ClientSampleId :
E28S5

Tgt Ion:178 Resp: 19232

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.3	19.9
176	19.5	15.8	23.8

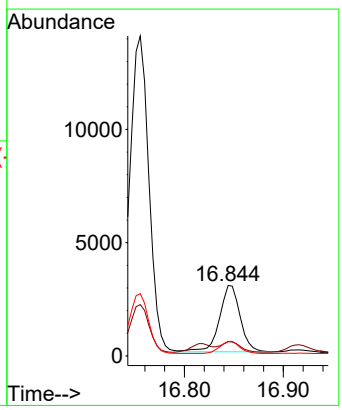


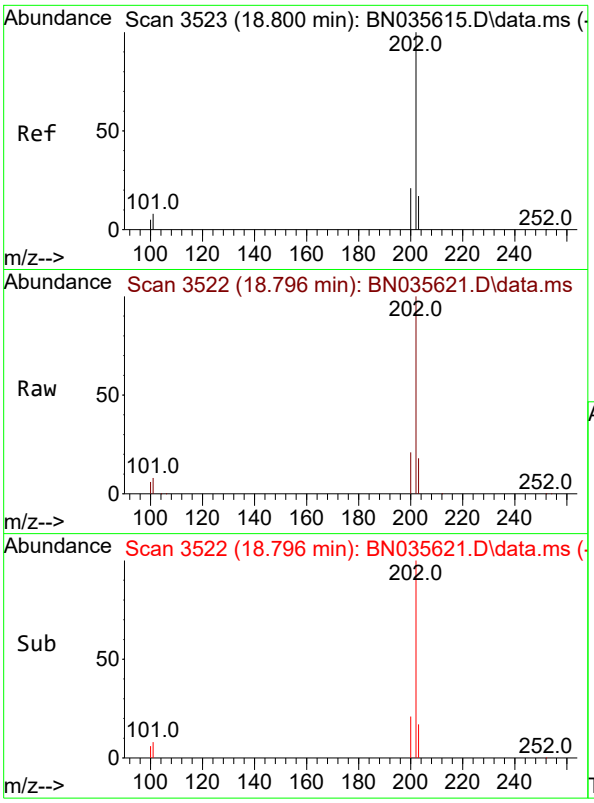


#16
Anthracene
Concen: 0.172 ng/ul
RT: 16.844 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Tgt Ion:178 Resp: 4235

Ion	Ratio	Lower	Upper
178	100		
179	20.3	13.4	20.0#
176	20.7	15.4	23.0



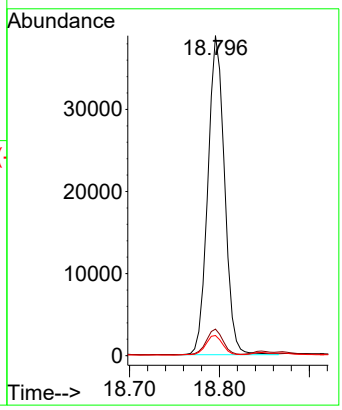


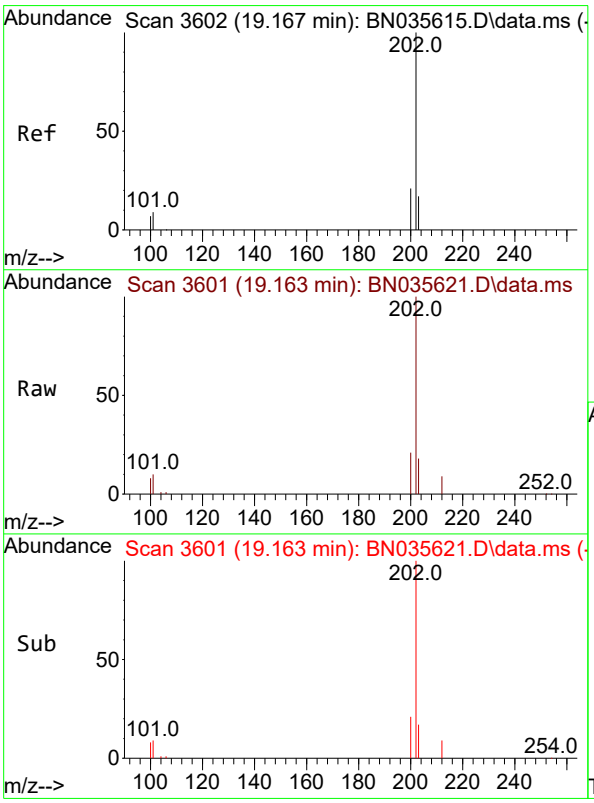
#19
Fluoranthene
Concen: 1.630 ng/ul
RT: 18.796 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Instrument :
BNA_N
ClientSampleId :
E28S5

Tgt Ion:202 Resp: 50312

Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.3	10.9
100	6.3	5.4	8.0

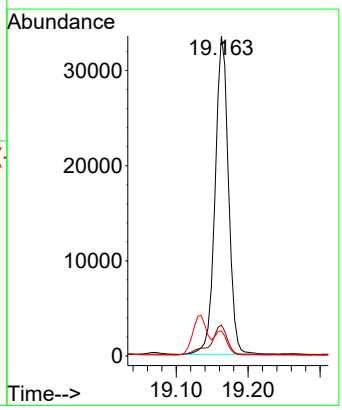


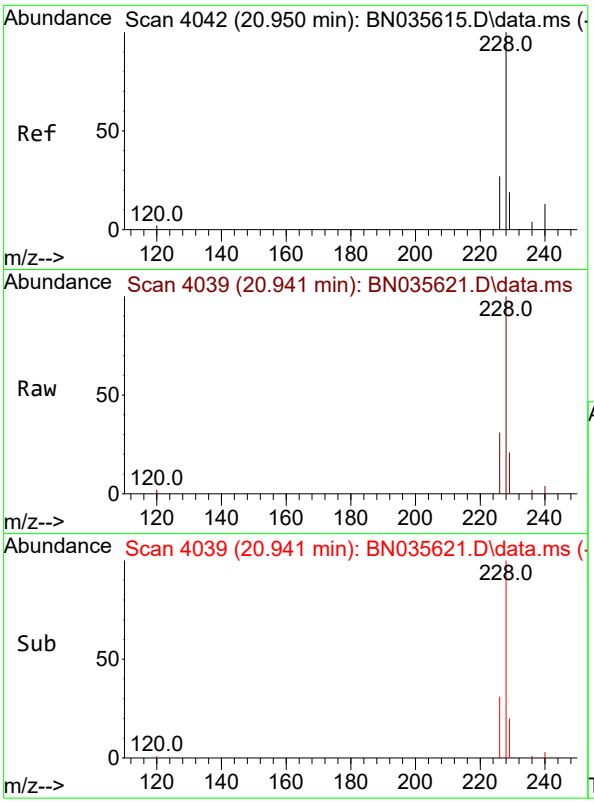


#20
Pyrene
Concen: 1.272 ng/ul
RT: 19.163 min Scan# 3601
Delta R.T. -0.004 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Tgt Ion:202 Resp: 43258

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.5	12.7
100	7.8	6.5	9.7



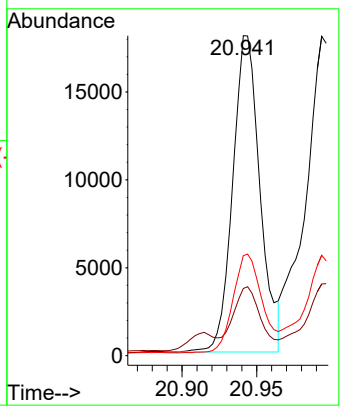


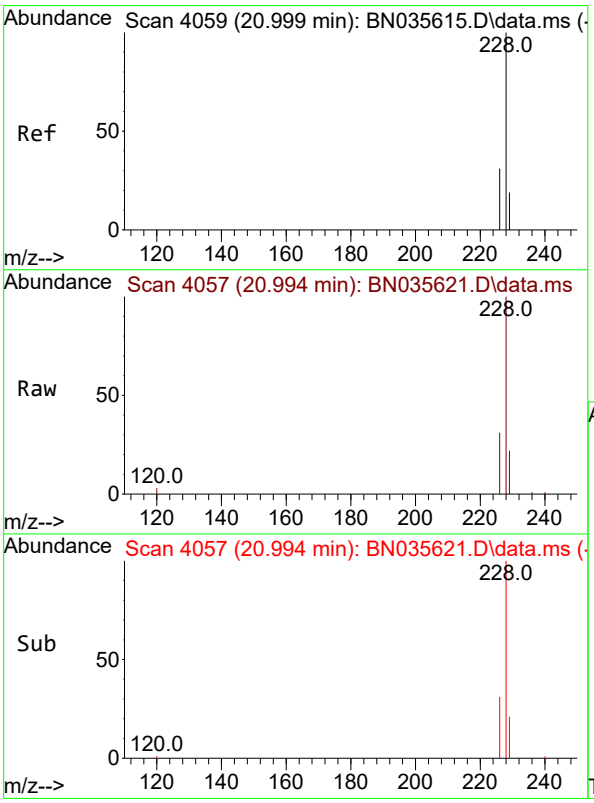
#21
Benzo(a)anthracene
Concen: 0.798 ng/ul
RT: 20.941 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Instrument :
BNA_N
ClientSampleId :
E28S5

Tgt Ion:228 Resp: 22853

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.6	25.0
226	31.3	22.5	33.7

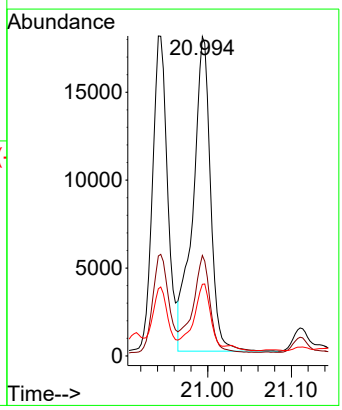


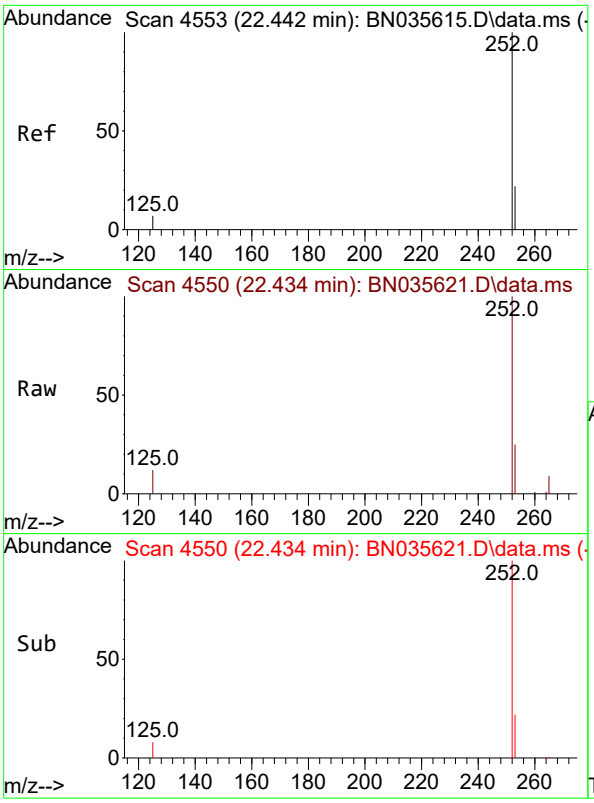


#22
Chrysene
Concen: 0.877 ng/ul
RT: 20.994 min Scan# 4057
Delta R.T. -0.006 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Tgt Ion:228 Resp: 26056

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.1	37.7
229	22.4	16.6	24.8



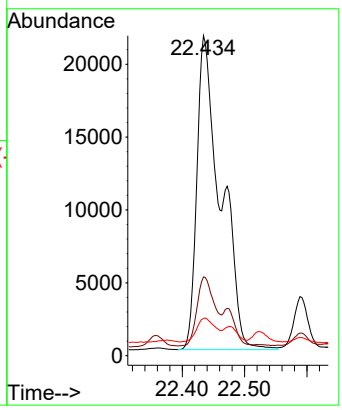


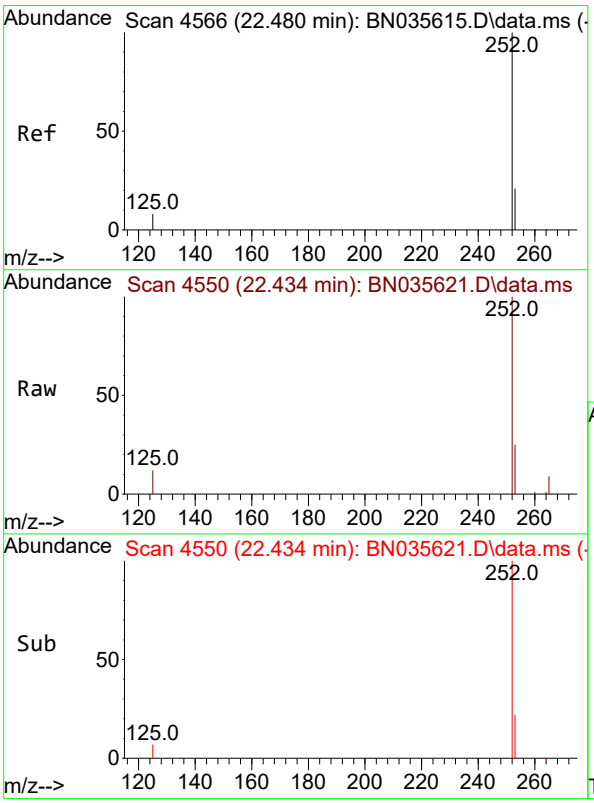
#24
Benzo(b)fluoranthene
Concen: 1.893 ng/ul
RT: 22.434 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Instrument :
BNA_N
ClientSampleId :
E28S5

Tgt Ion:252 Resp: 57244

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	56.4
125	11.6	0.0	37.6

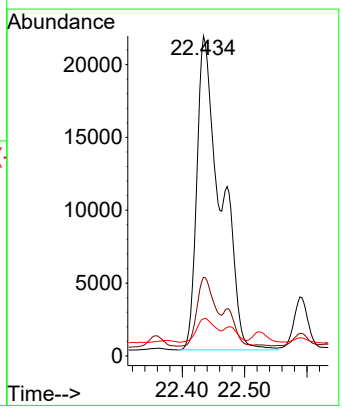


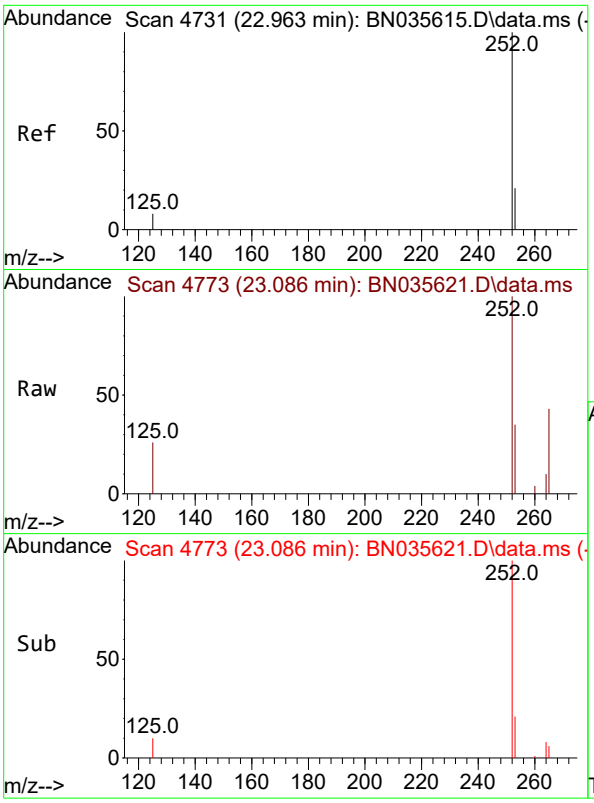


#25
Benzo(k)fluoranthene
Concen: 1.711 ng/ul
RT: 22.434 min Scan# 4550
Delta R.T. -0.047 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Tgt Ion:252 Resp: 57244

Ion	Ratio	Lower	Upper
252	100		
253	24.6	22.1	33.1
125	11.6	15.3	22.9#



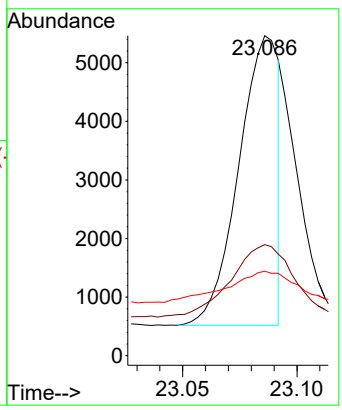


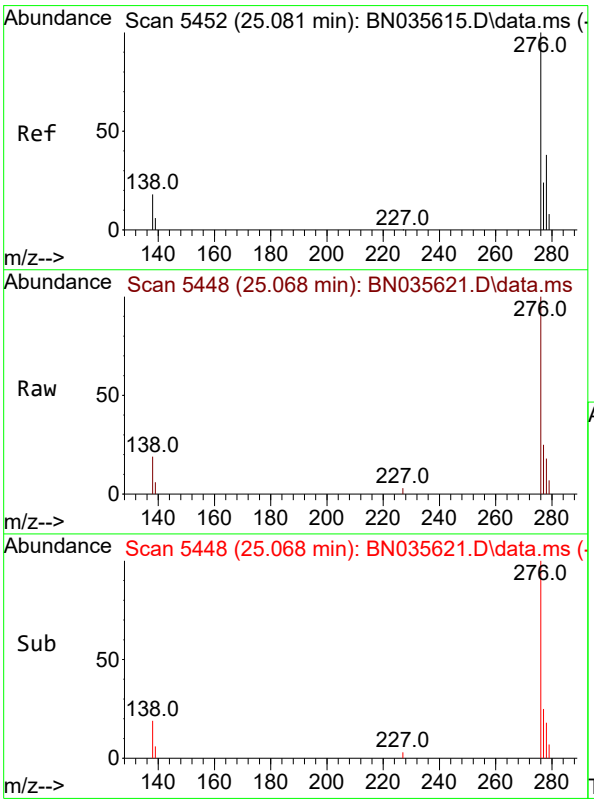
#26
Benzo(a)pyrene
Concen: 0.204 ng/ul
RT: 23.086 min Scan# 4
Delta R.T. 0.123 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Instrument :
BNA_N
ClientSampleId :
E28S5

Tgt Ion:252 Resp: 5975

Ion	Ratio	Lower	Upper
252	100		
253	34.7	24.1	36.1
125	26.4	19.1	28.7

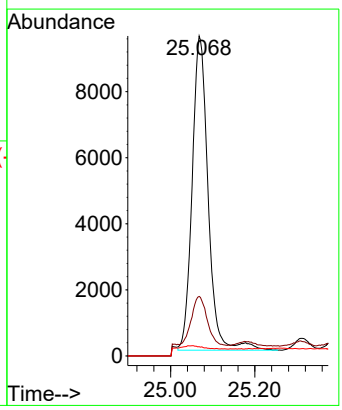


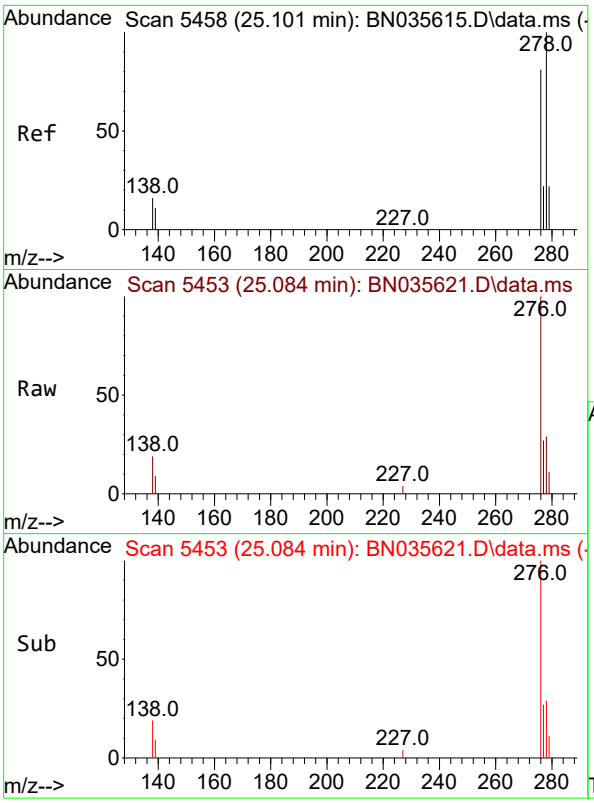


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.702 ng/ul
RT: 25.068 min Scan# 5448
Delta R.T. -0.013 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Tgt Ion:276 Resp: 25022

Ion	Ratio	Lower	Upper
276	100		
138	17.7	14.7	22.1
227	14.4	21.6	32.4#



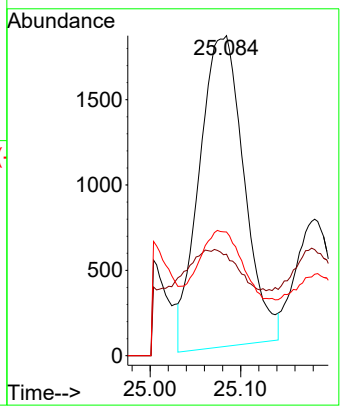


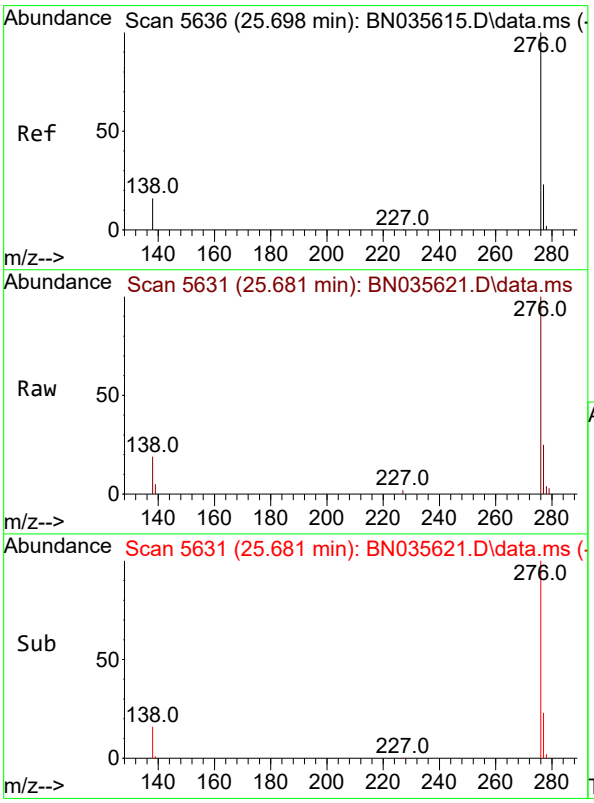
#28
Dibenzo(a,h)anthracene
Concen: 0.230 ng/ul
RT: 25.084 min Scan# 54
Delta R.T. -0.017 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Instrument :
BNA_N
ClientSampleId :
E28S5

Tgt Ion:278 Resp: 6256

Ion	Ratio	Lower	Upper
278	100		
139	31.7	19.8	29.8#
279	38.7	24.0	36.0#





#29
Benzo(g,h,i)perylene
Concen: 0.896 ng/ul
RT: 25.681 min Scan# 5631
Delta R.T. -0.017 min
Lab File: BN035621.D
Acq: 16 Dec 2024 17:37

Tgt Ion:276 Resp: 25654

Ion	Ratio	Lower	Upper
276	100		
138	19.3	19.6	29.4#
277	25.0	21.6	32.4