Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
Data File : BN027502.D
Acq On : 09 Sep 2023 15:21
Operator : MA/JU
Sample : 04427-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH9W1

Quant Time: Sep 10 00:11:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 08 03:55:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	15041	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.872	136	48308	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.680	164	44027	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.426	188	55408	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.601	240	31928	0.400	ng/ul	# 0.00
23) Perylene-d12	24.112	264	31368	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	32105	1.605	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	25263	0.345	ng/ul	0.00
18) Fluoranthene-d10	19.464	212	44018	0.402	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	141295	6.979	ng/ul#	74
5) Naphthalene	10.933	128	10664572	76.105	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	4009377	45.739	ng/ul	98
8) 1-Methylnaphthalene	12.742	142	2579991	27.621	ng/ul	99
10) Acenaphthylene	14.398	152	12076	0.060	ng/ul#	1
11) Acenaphthene	14.740	153	77049	0.444	ng/ul	98
12) Fluorene	15.725	166	216965	1.117	ng/ul	100
14) Pentachlorophenol	17.071	266	296715	27.468	ng/ul	99
15) Phenanthrene	17.473	178	45602	0.253	ng/ul#	50
16) Anthracene	17.565	178	3171	0.022	ng/ul#	1
20) Pyrene	19.817	202	8011	0.054	ng/ul#	1
26) Benzo(a)pyrene	23.951	252	9691	0.084	ng/ul#	34

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

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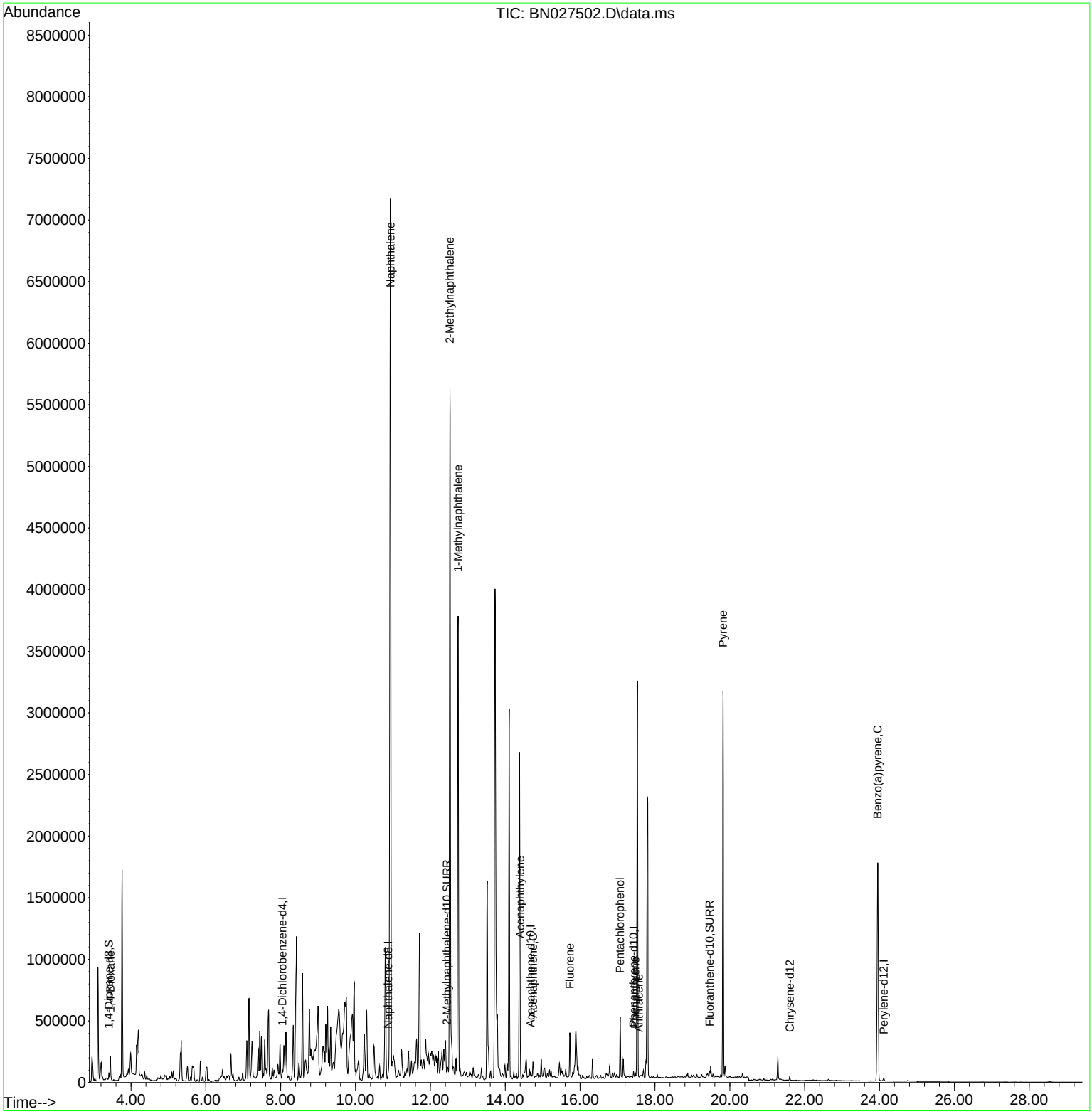
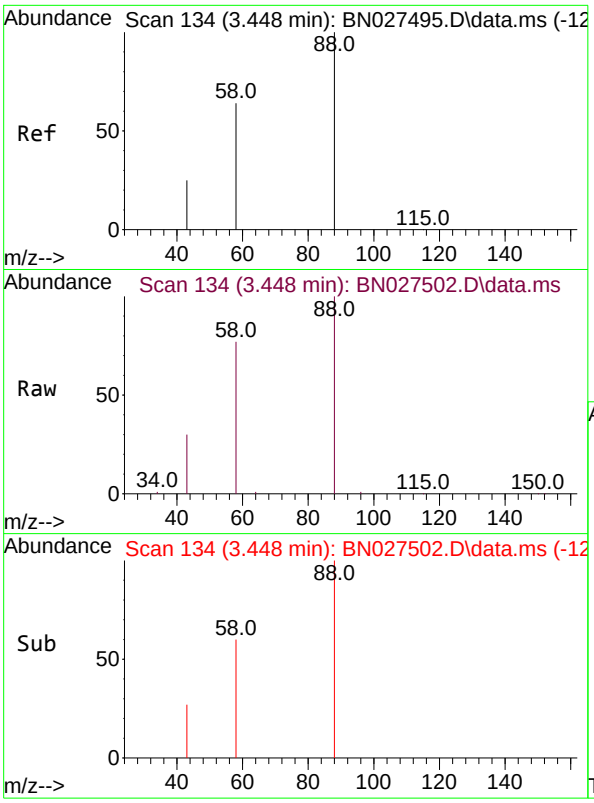


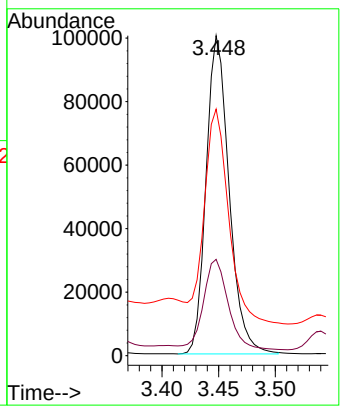


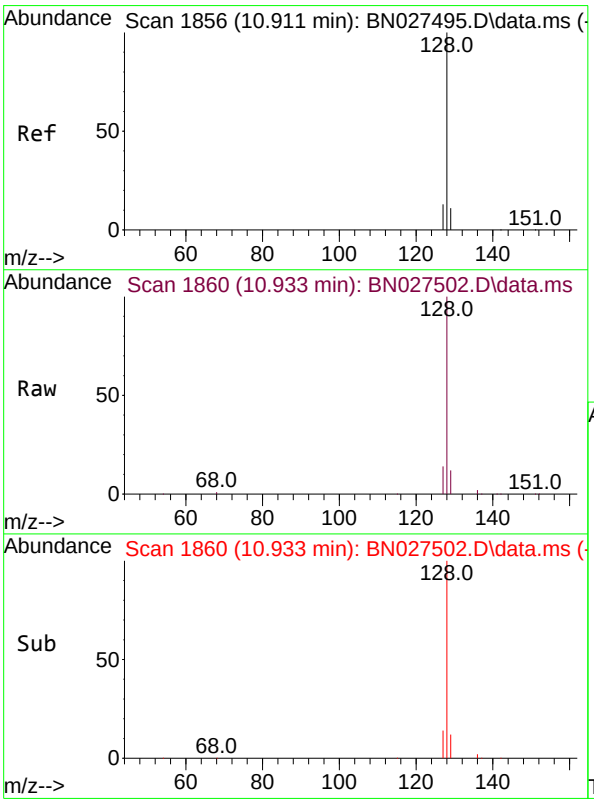
#2
1,4-Dioxane
Concen: 6.979 ng/ul
RT: 3.448 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027502.D
Acq: 09 Sep 2023 15:21

Instrument :
BNA_N
ClientSampleId :
BH9W1

Tgt Ion: 88 Resp: 141295

Ion	Ratio	Lower	Upper
88	100		
43	30.1	26.8	40.2
58	77.1	39.9	59.9#

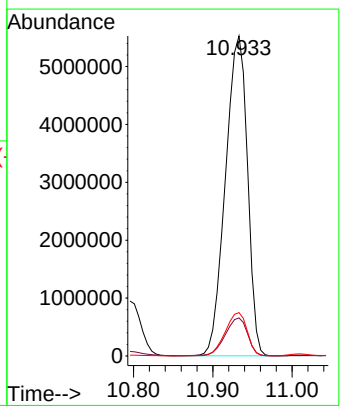


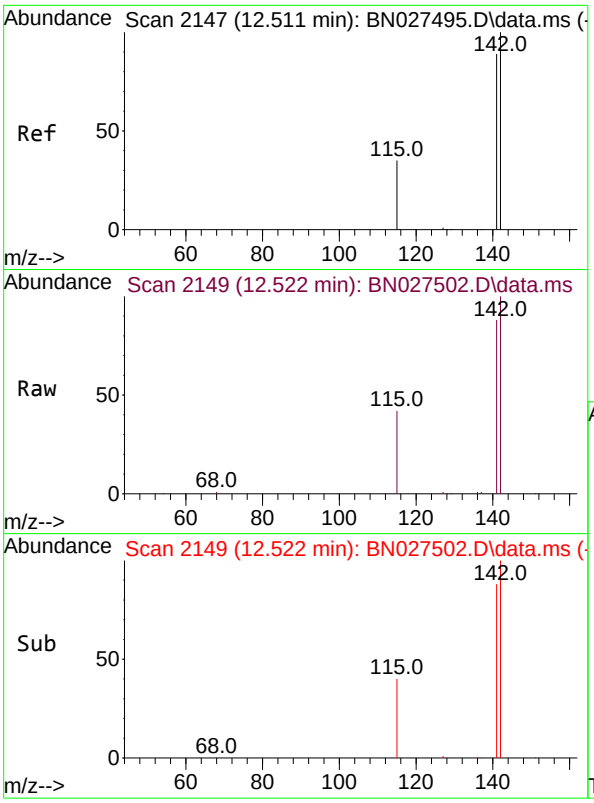


#5
Naphthalene
Concen: 76.105 ng/ul
RT: 10.933 min Scan# 1860
Delta R.T. 0.011 min
Lab File: BN027502.D
Acq: 09 Sep 2023 15:21

Tgt Ion:128 Resp:10664572

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.0
127	13.6	10.6	16.0



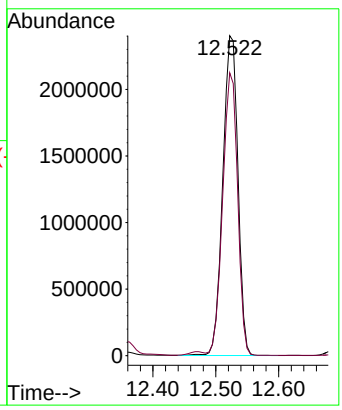


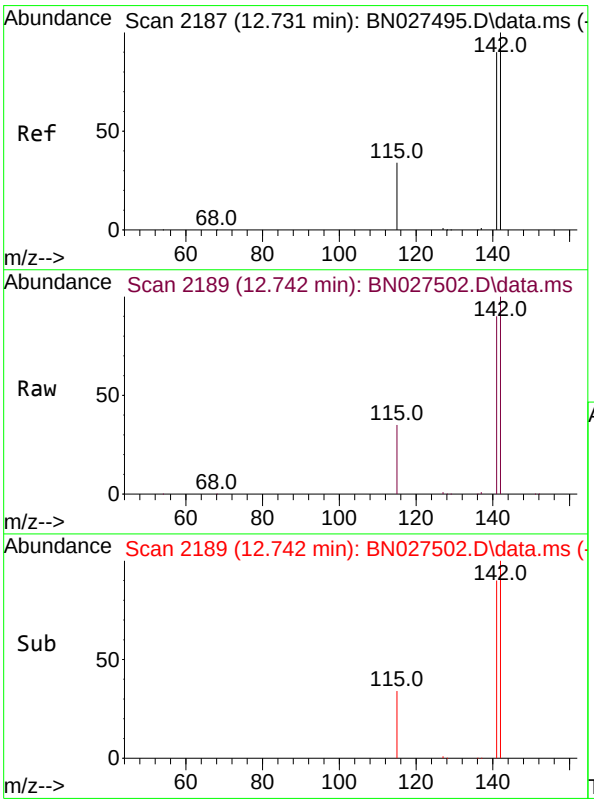
#7
2-Methylnaphthalene
Concen: 45.739 ng/ul
RT: 12.522 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027502.D
Acq: 09 Sep 2023 15:21

Instrument :
BNA_N
ClientSampleId :
BH9W1

Tgt Ion:142 Resp: 4009377

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.6	107.4

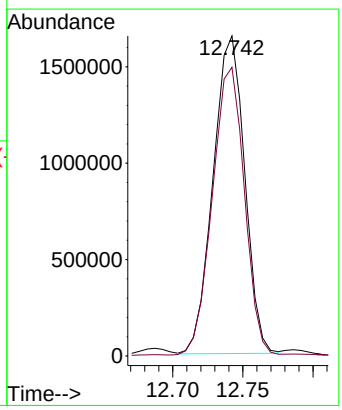


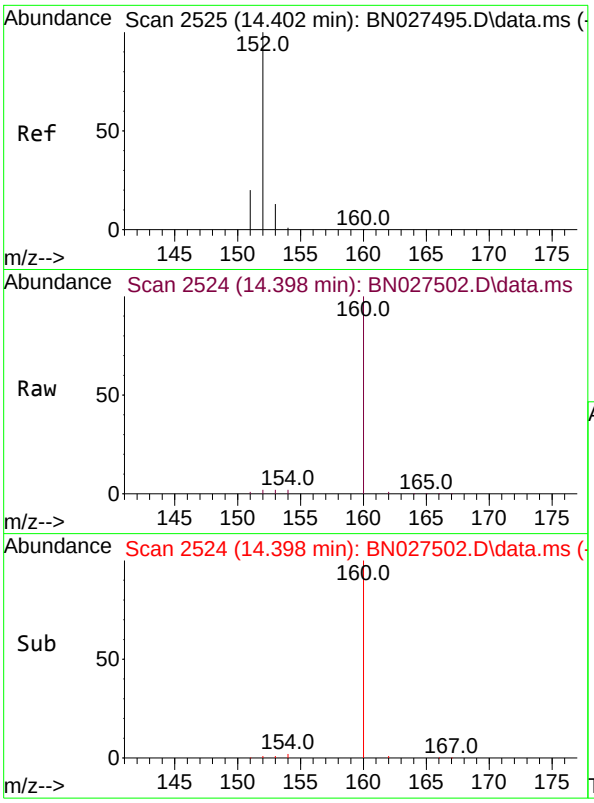


#8
1-Methylnaphthalene
Concen: 27.621 ng/ul
RT: 12.742 min Scan# 2189
Delta R.T. 0.006 min
Lab File: BN027502.D
Acq: 09 Sep 2023 15:21

Tgt Ion:142 Resp: 2579991

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.0	109.4



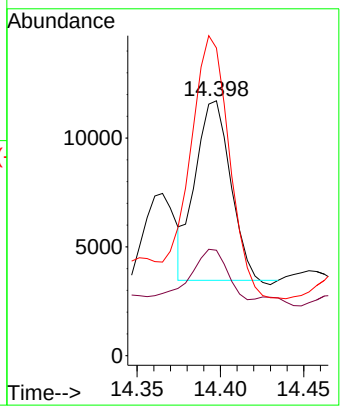


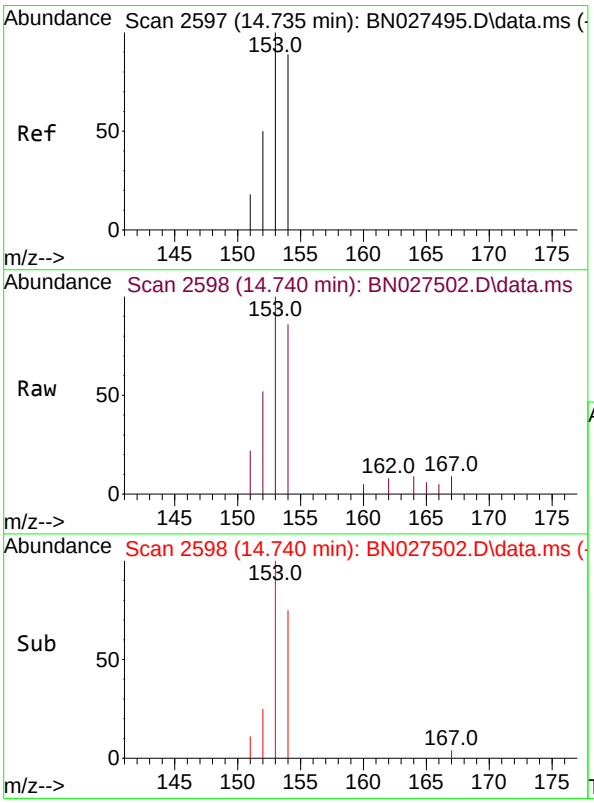
#10
Acenaphthylene
Concen: 0.060 ng/ul
RT: 14.398 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN027502.D
Acq: 09 Sep 2023 15:21

Instrument :
BNA_N
ClientSampleId :
BH9W1

Tgt Ion:152 Resp: 12076

Ion	Ratio	Lower	Upper
152	100		
151	41.4	16.3	24.5#
153	120.7	11.1	16.7#

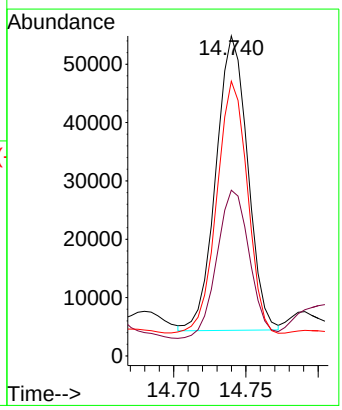


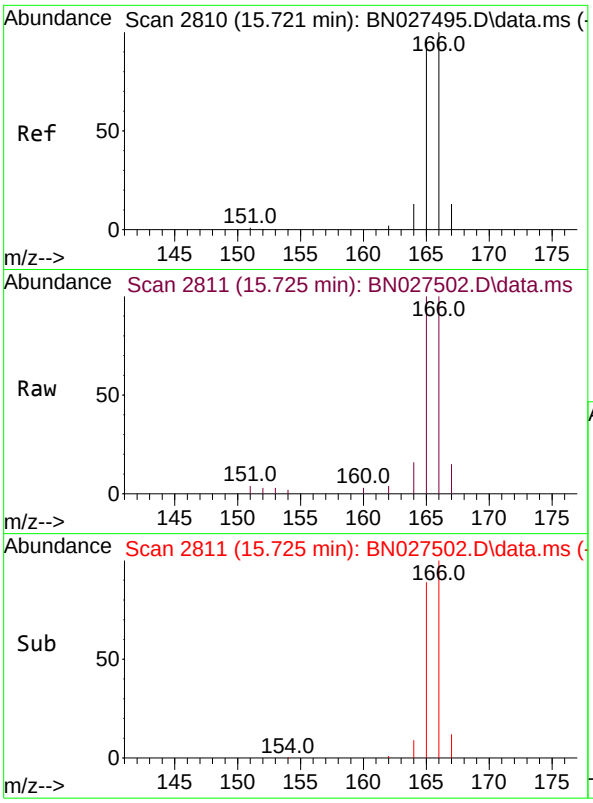


#11
Acenaphthene
Concen: 0.444 ng/ul
RT: 14.740 min Scan# 2598
Delta R.T. 0.000 min
Lab File: BN027502.D
Acq: 09 Sep 2023 15:21

Tgt Ion:153 Resp: 77049

Ion	Ratio	Lower	Upper
153	100		
152	51.8	42.9	64.3
154	85.8	69.4	104.0



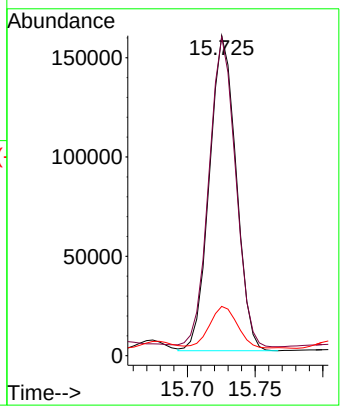


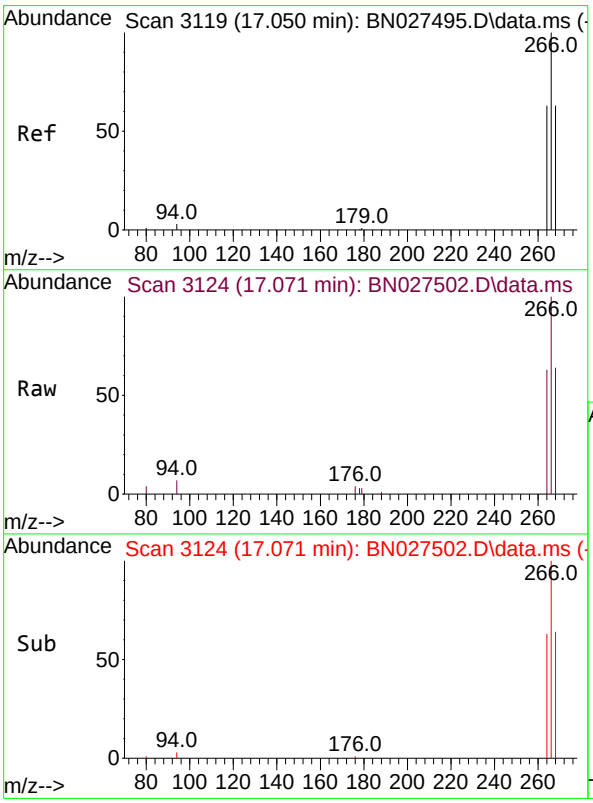
#12
Fluorene
Concen: 1.117 ng/ul
RT: 15.725 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN027502.D
Acq: 09 Sep 2023 15:21

Instrument :
BNA_N
ClientSampleId :
BH9W1

Tgt Ion:166 Resp: 216965

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.6	119.4
167	15.4	11.4	17.0

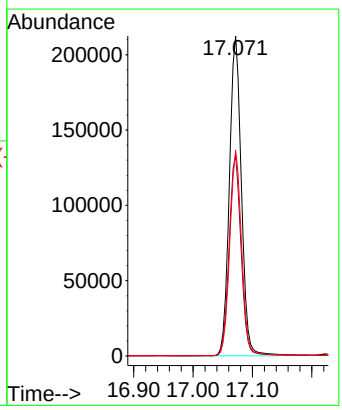


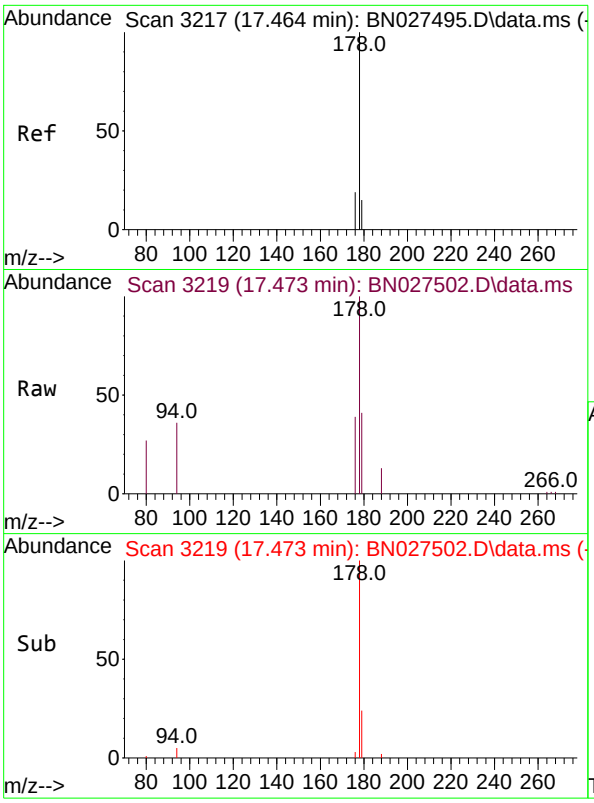


#14
Pentachlorophenol
Concen: 27.468 ng/ul
RT: 17.071 min Scan# 3124
Delta R.T. 0.013 min
Lab File: BN027502.D
Acq: 09 Sep 2023 15:21

Tgt Ion:266 Resp: 296715

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.4	75.6
268	63.6	51.9	77.9



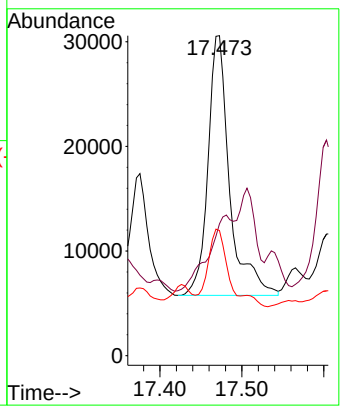


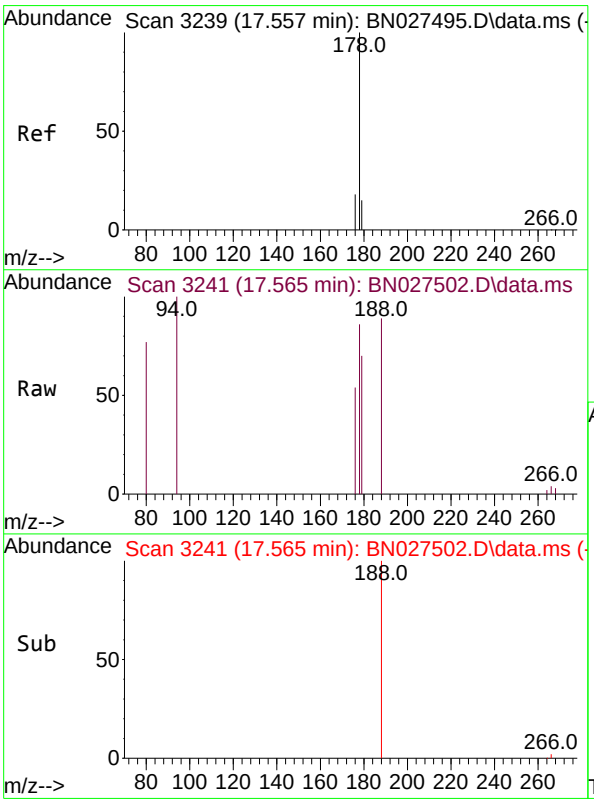
#15
Phenanthrene
Concen: 0.253 ng/ul
RT: 17.473 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN027502.D
Acq: 09 Sep 2023 15:21

Instrument :
BNA_N
ClientSampleId :
BH9W1

Tgt Ion:178 Resp: 45602

Ion	Ratio	Lower	Upper
178	100		
179	41.2	12.6	19.0#
176	39.1	15.8	23.8#

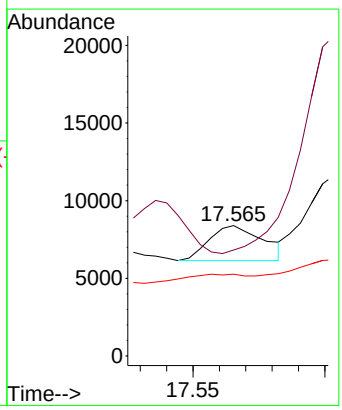


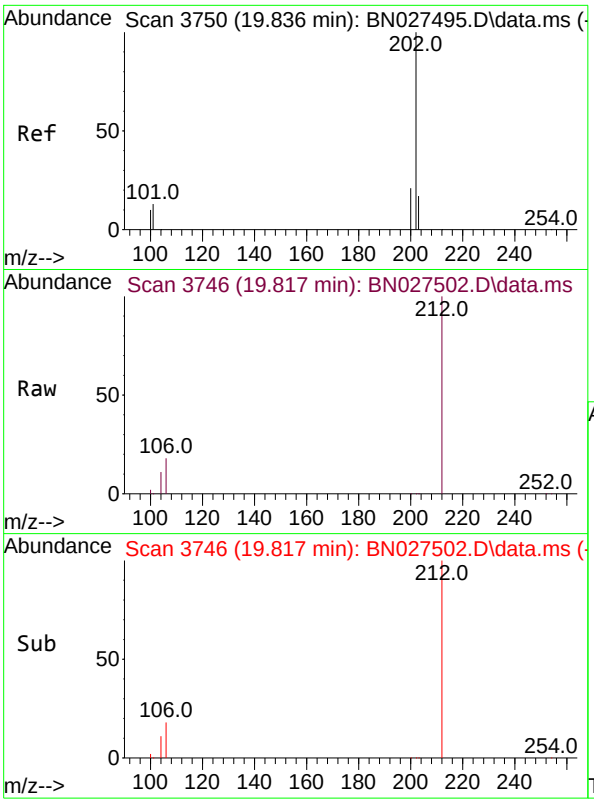


#16
Anthracene
Concen: 0.022 ng/ul
RT: 17.565 min Scan# 3241
Delta R.T. 0.004 min
Lab File: BN027502.D
Acq: 09 Sep 2023 15:21

Tgt Ion:178 Resp: 3171

Ion	Ratio	Lower	Upper
178	100		
179	81.2	13.0	19.6#
176	62.7	15.6	23.4#



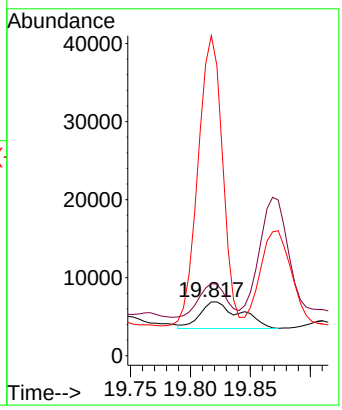


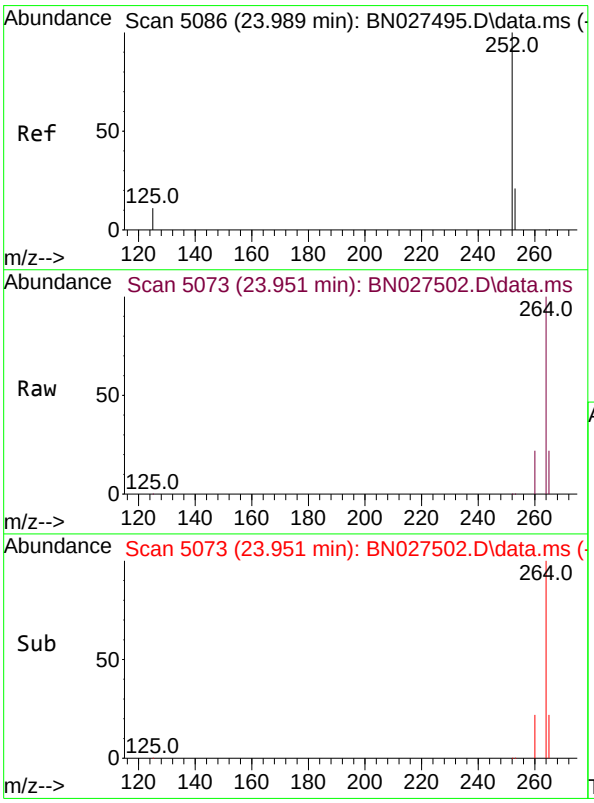
#20
Pyrene
Concen: 0.054 ng/ul
RT: 19.817 min Scan# 3
Delta R.T. -0.023 min
Lab File: BN027502.D
Acq: 09 Sep 2023 15:21

Instrument :
BNA_N
ClientSampleId :
BH9W1

Tgt Ion:202 Resp: 8011

Ion	Ratio	Lower	Upper
202	100		
101	134.0	11.4	17.2#
100	595.4	9.4	14.2#





#26
Benzo(a)pyrene
Concen: 0.084 ng/ul
RT: 23.951 min Scan# 5073
Delta R.T. -0.044 min
Lab File: BN027502.D
Acq: 09 Sep 2023 15:21

Tgt Ion:252 Resp: 9691

Ion	Ratio	Lower	Upper
252	100		
253	61.9	22.4	33.6#
125	54.1	17.4	26.2#