Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036078.D
Acq On : 28 Jan 2025 17:53
Operator : RC/JU
Sample : Q1174-07DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2937DL

Quant Time: Jan 29 08:08:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	4057	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	9072	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	6886	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.195	188	13208	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.380	240	10608	0.400	ng/ul	0.00
23) Perylene-d12	23.683	264	9433	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	1793	0.404	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	1015	0.089	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	2597	0.089	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	3461	0.730	ng/ul	95
5) Naphthalene	10.655	128	4082	0.163	ng/ul#	90
7) 2-Methylnaphthalene	12.271	142	5504	0.355	ng/ul	98
8) 1-Methylnaphthalene	12.491	142	5002	0.317	ng/ul	99
11) Acenaphthene	14.510	153	558	0.023	ng/ul	87
14) Pentachlorophenol	16.853	266	1086	0.235	ng/ul	99
15) Phenanthrene	17.233	178	3544	0.092	ng/ul#	75

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

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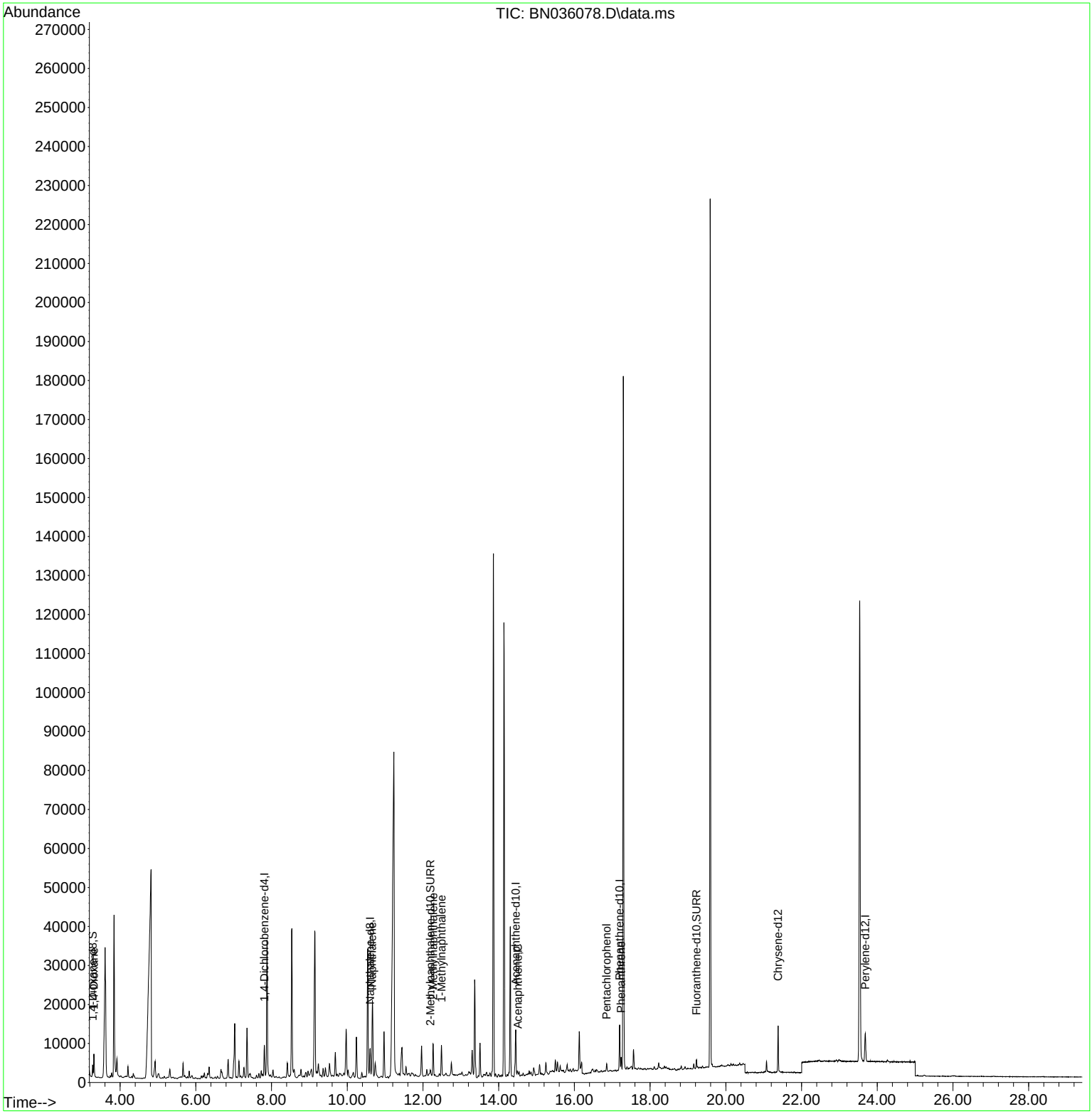
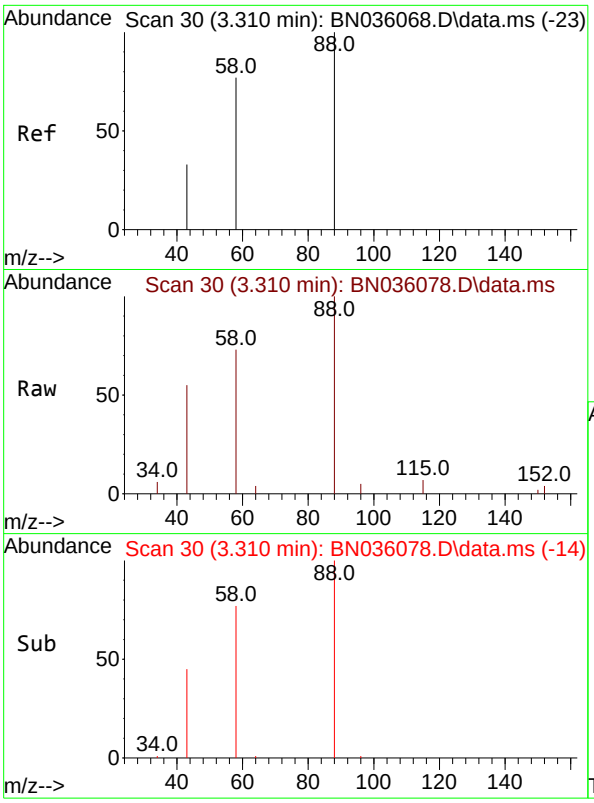


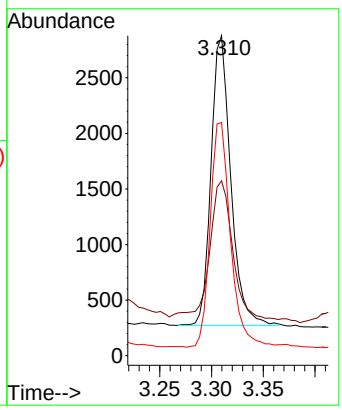


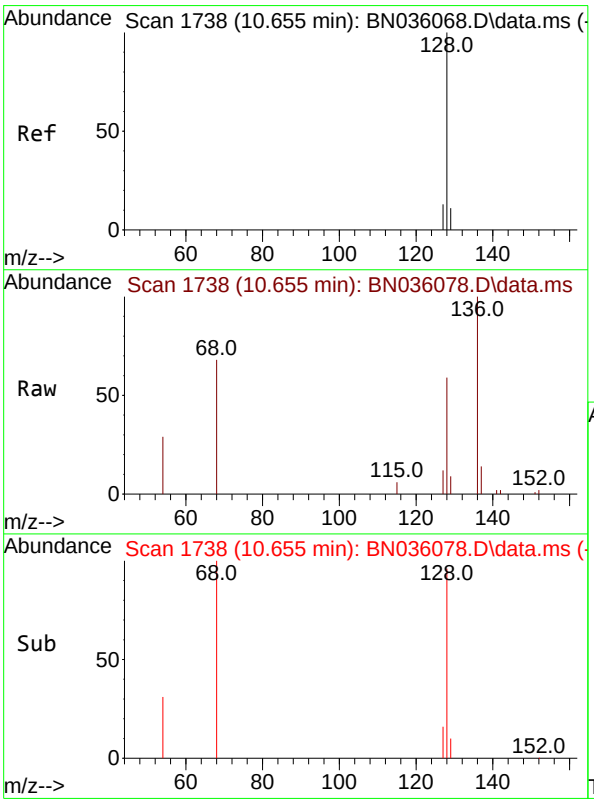
#2
1,4-Dioxane
Concen: 0.730 ng/ul
RT: 3.310 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN036078.D
Acq: 28 Jan 2025 17:53

Instrument :
BNA_N
ClientSampleId :
E2937DL

Tgt Ion: 88 Resp: 3461

Ion	Ratio	Lower	Upper
88	100		
43	54.7	40.7	61.1
58	72.9	55.2	82.8

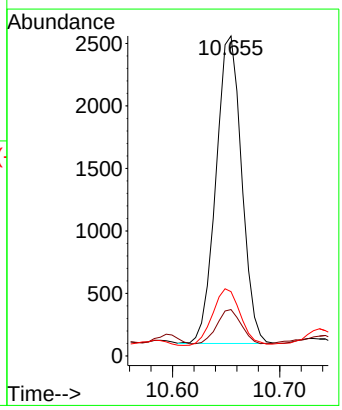


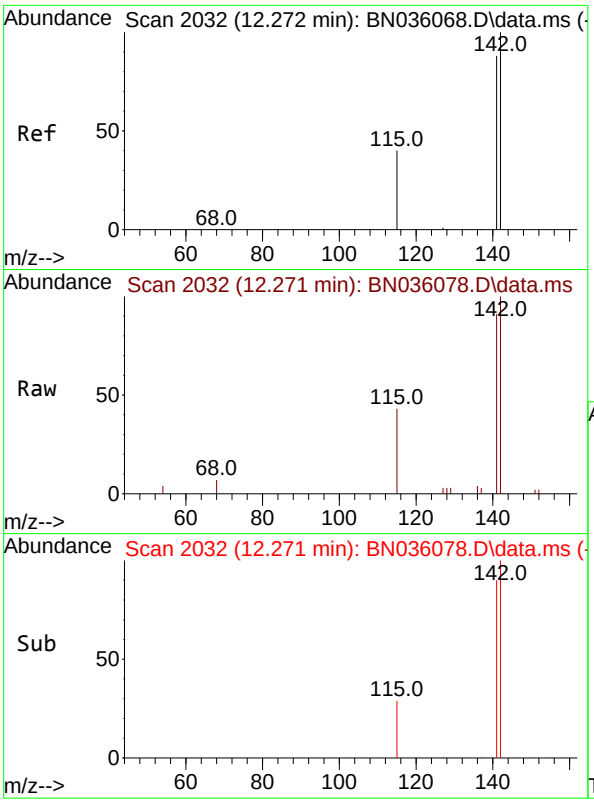


#5
Naphthalene
Concen: 0.163 ng/ul
RT: 10.655 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN036078.D
Acq: 28 Jan 2025 17:53

Tgt Ion:128 Resp: 4082

Ion	Ratio	Lower	Upper
128	100		
129	14.5	9.6	14.4#
127	20.1	12.0	18.0#



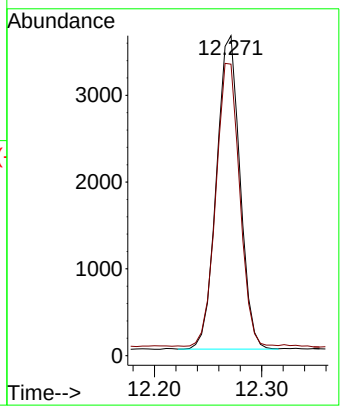


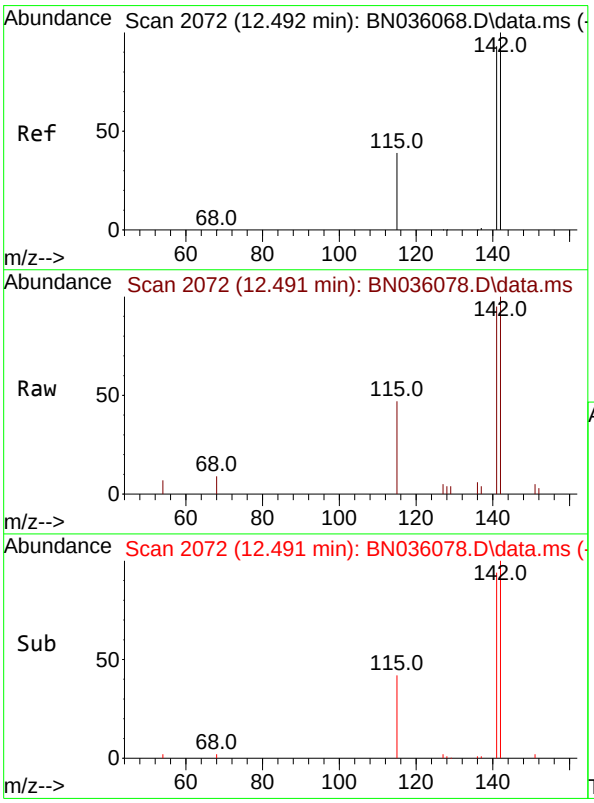
#7
2-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.271 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036078.D
Acq: 28 Jan 2025 17:53

Instrument :
BNA_N
ClientSampleId :
E2937DL

Tgt Ion:142 Resp: 5504

Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.9	107.9

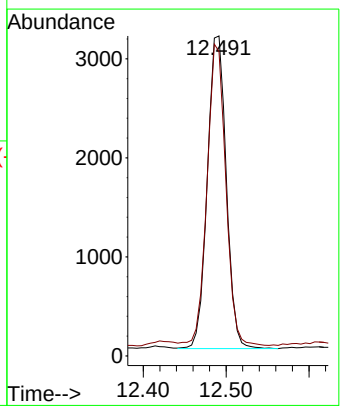


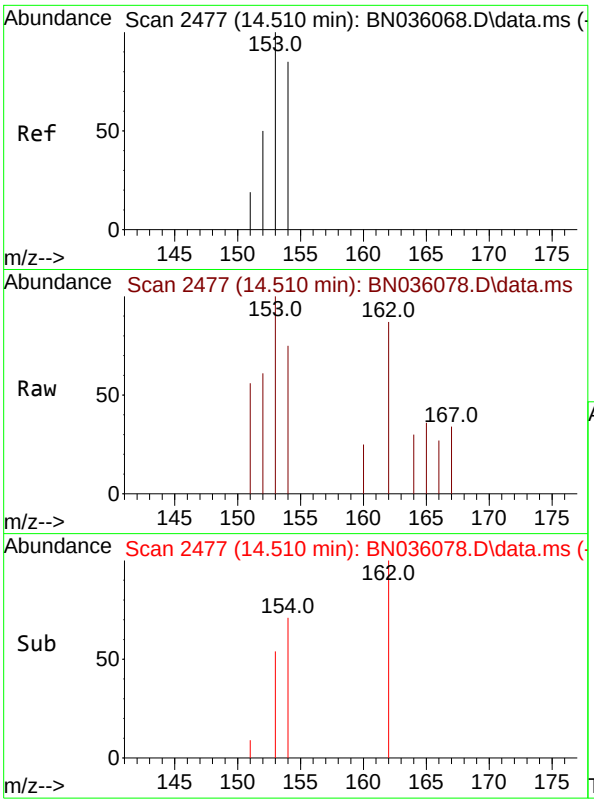


#8
1-Methylnaphthalene
Concen: 0.317 ng/ul
RT: 12.491 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BN036078.D
Acq: 28 Jan 2025 17:53

Tgt Ion:142 Resp: 5002

Ion	Ratio	Lower	Upper
142	100		
141	95.4	75.2	112.8



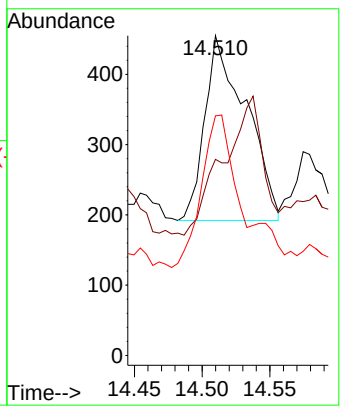


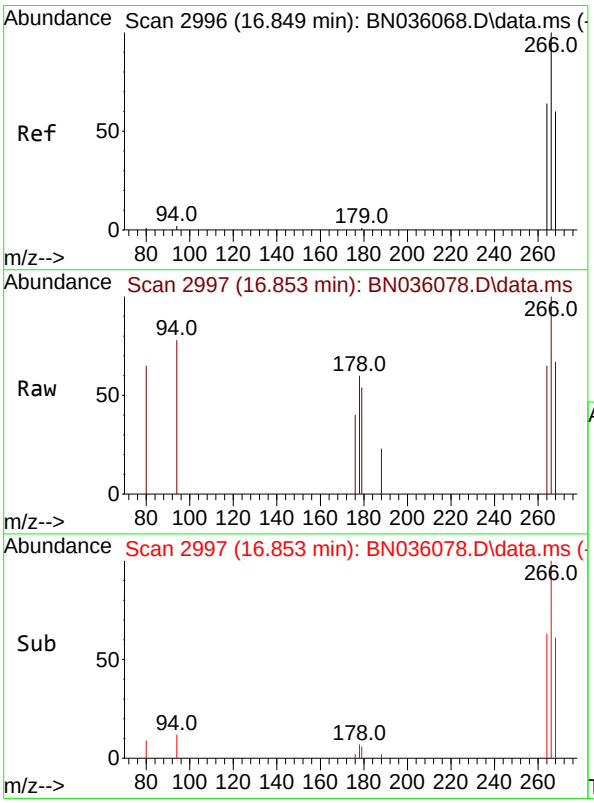
#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.510 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN036078.D
Acq: 28 Jan 2025 17:53

Instrument :
BNA_N
ClientSampleId :
E2937DL

Tgt Ion:153 Resp: 558

Ion	Ratio	Lower	Upper
153	100		
152	61.3	43.2	64.8
154	74.9	70.5	105.7

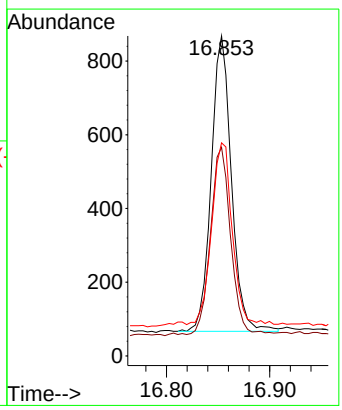


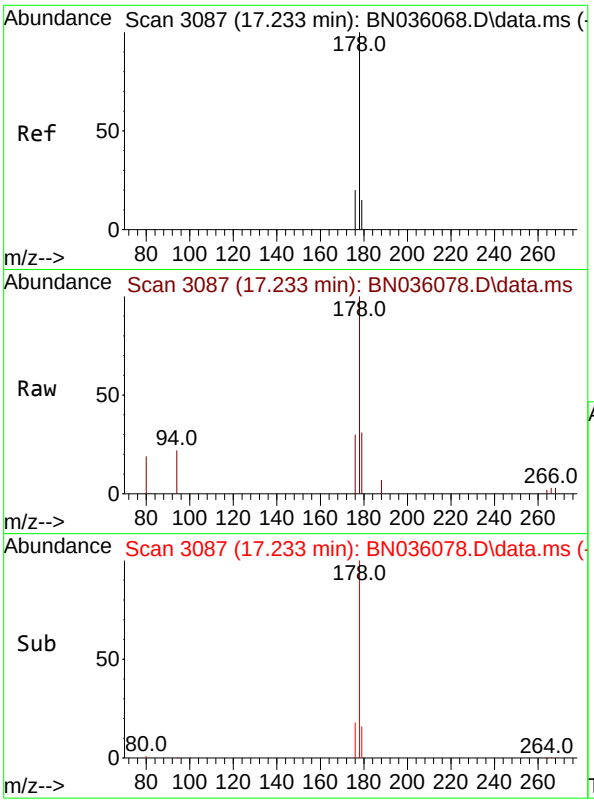


#14
Pentachlorophenol
Concen: 0.235 ng/ul
RT: 16.853 min Scan# 2997
Delta R.T. 0.012 min
Lab File: BN036078.D
Acq: 28 Jan 2025 17:53

Tgt Ion:266 Resp: 1086

Ion	Ratio	Lower	Upper
266	100		
264	63.8	50.6	75.8
268	63.8	50.6	75.8





#15
Phenanthrene
Concen: 0.092 ng/ul
RT: 17.233 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN036078.D
Acq: 28 Jan 2025 17:53

Instrument :
BNA_N
ClientSampleId :
E2937DL

Tgt Ion:178 Resp: 3544

Ion	Ratio	Lower	Upper
178	100		
179	30.6	13.2	19.8#
176	29.8	16.8	25.2#