Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036173.D
Acq On : 31 Jan 2025 18:15
Operator : RC/JU
Sample : 01197-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2964

Quant Time: Feb 03 08:51:35 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	7.795	152	1501	0.400	ng/ul	#-0.02
4) Naphthalene-d8	10.545	136	2022391	0.400	ng/ul	#-0.06
9) Acenaphthene-d10	14.445	164	10995	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-17.19
17) Chrysene-d12	21.372	240	12414	0.400	ng/ul	# 0.00
23) Perylene-d12	23.532	264	617577	0.400	ng/ul	#-0.13
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	8448	5.141	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.184	152	2747	0.001	ng/ul	-0.02
18) Fluoranthene-d10	19.211	212	8324	0.244	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.638	128	171013	0.031	ng/ul	97
10) Acenaphthylene	14.158	152	2823	0.054	ng/ul#	1
11) Acenaphthene	14.501	153	11015	0.289	ng/ul	91
12) Fluorene	15.486	166	5455	0.129	ng/ul#	83
19) Fluoranthene	19.243	202	6044	0.128	ng/ul#	52
20) Pyrene	19.610	202	6872	0.140	ng/ul#	47
22) Chrysene	21.389	228	2884	0.064	ng/ul#	1

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

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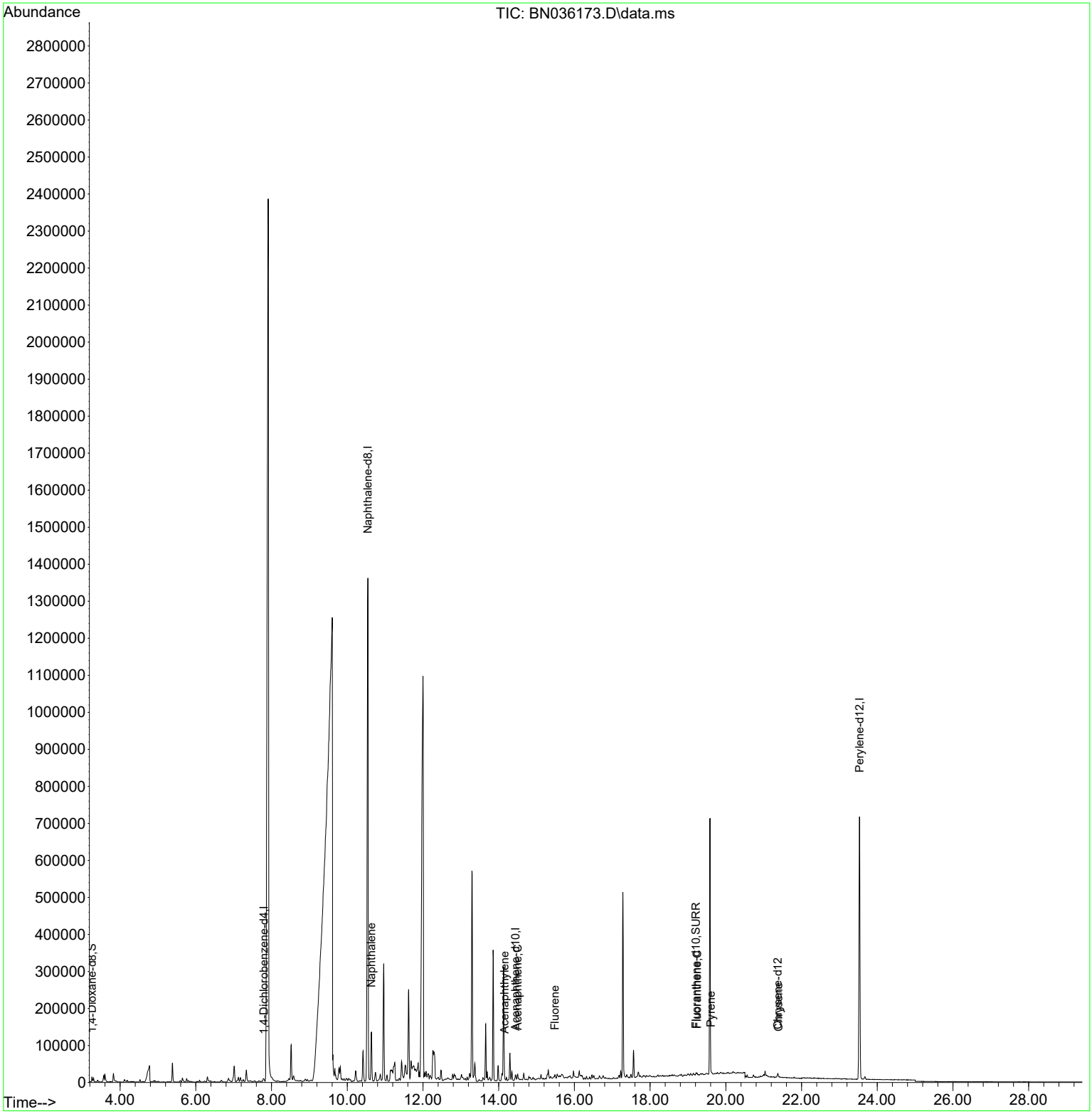
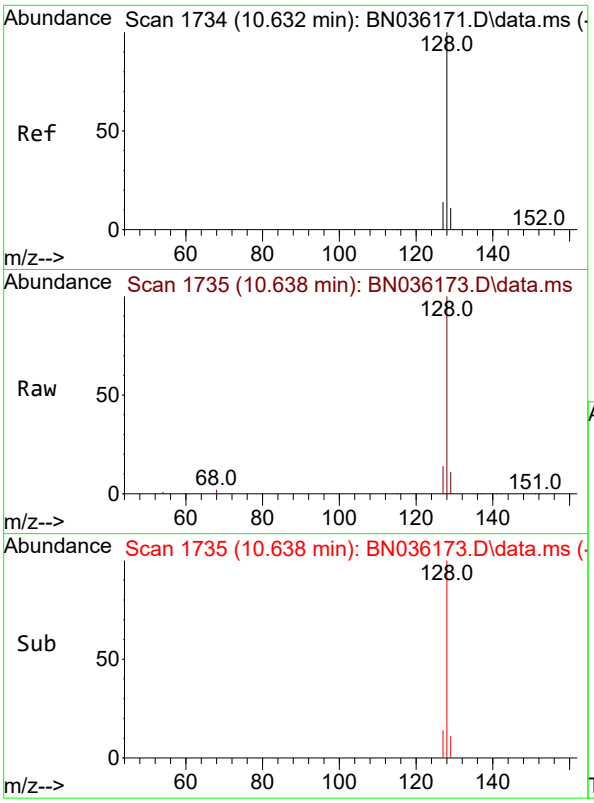


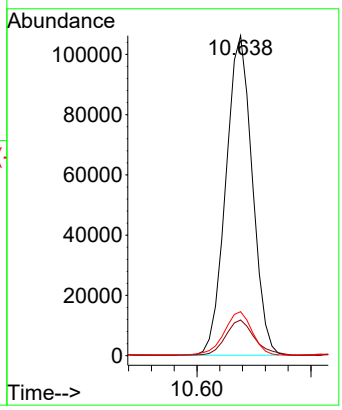


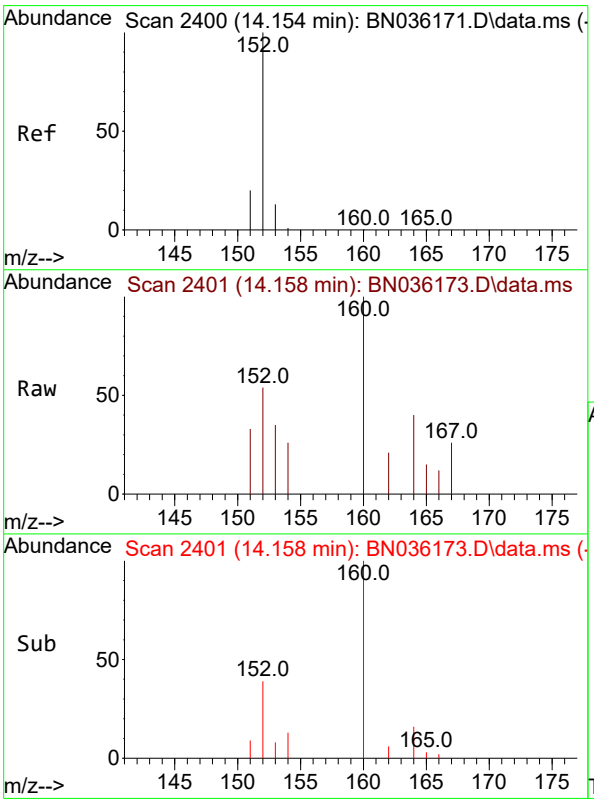
#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.638 min Scan# 1
Delta R.T. -0.016 min
Lab File: BN036173.D
Acq: 31 Jan 2025 18:15

Instrument :
BNA_P
ClientSampleId :
E2964

Tgt Ion:128 Resp: 171013

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.6	14.4
127	13.8	12.0	18.0

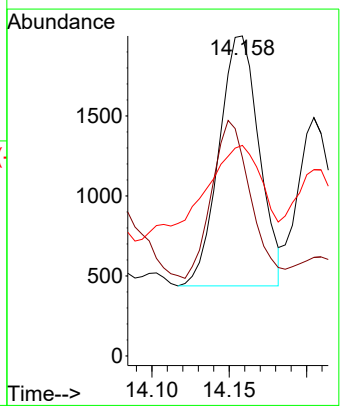


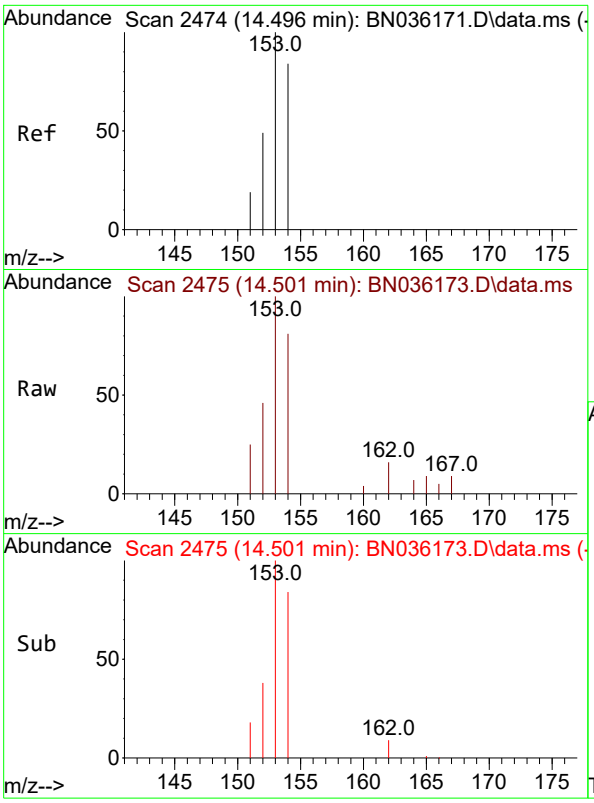


#10
Acenaphthylene
Concen: 0.054 ng/ul
RT: 14.158 min Scan# 2401
Delta R.T. -0.009 min
Lab File: BN036173.D
Acq: 31 Jan 2025 18:15

Tgt Ion:152 Resp: 2823

Ion	Ratio	Lower	Upper
152	100		
151	62.0	17.4	26.2#
153	65.8	11.9	17.9#



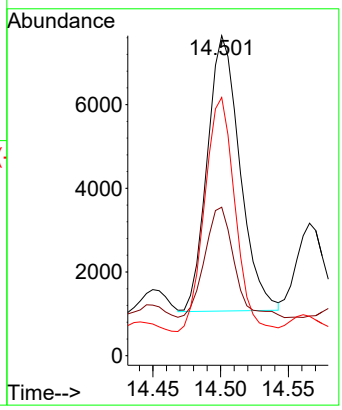


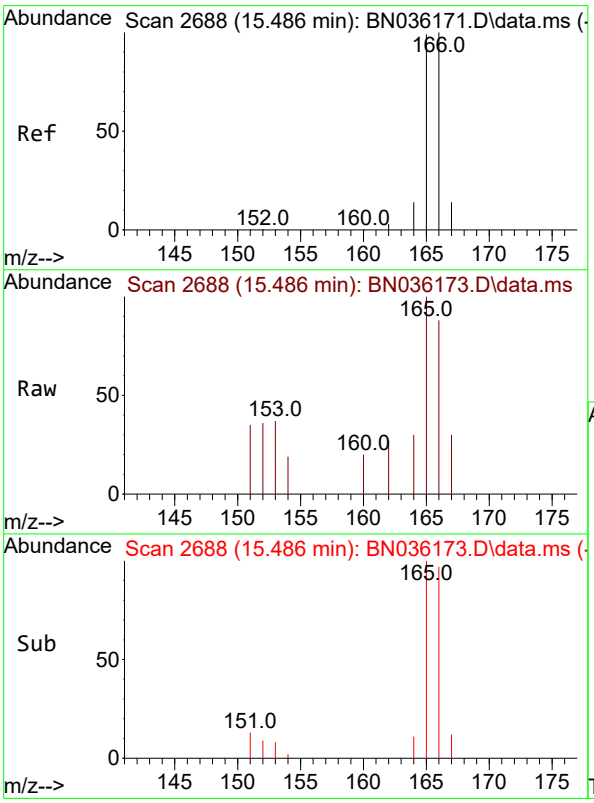
#11
Acenaphthene
Concen: 0.289 ng/ul
RT: 14.501 min Scan# 24
Delta R.T. -0.014 min
Lab File: BN036173.D
Acq: 31 Jan 2025 18:15

Instrument :
BNA_P
ClientSampleId :
E2964

Tgt Ion:153 Resp: 11015

Ion	Ratio	Lower	Upper
153	100		
152	46.4	43.2	64.8
154	80.7	70.5	105.7

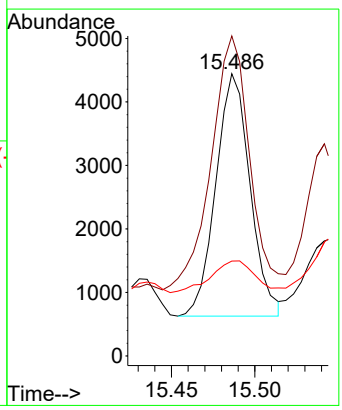


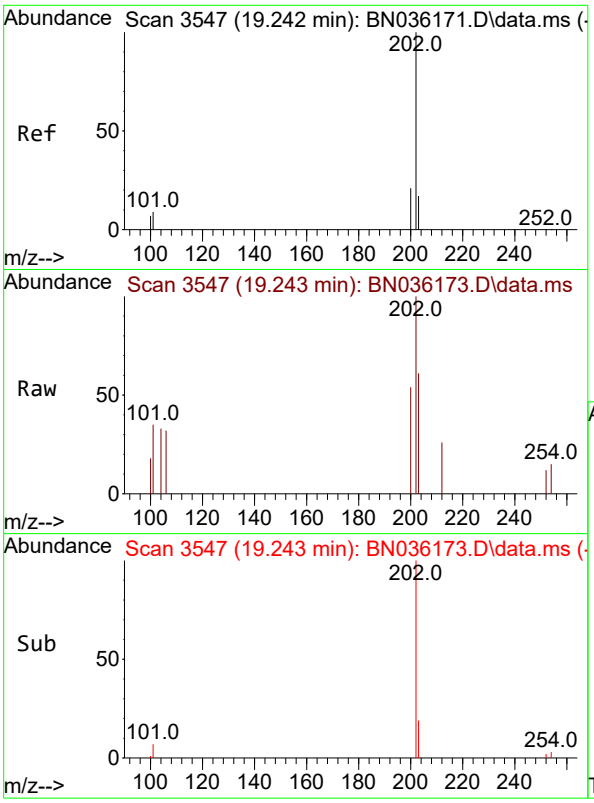


#12
Fluorene
Concen: 0.129 ng/ul
RT: 15.486 min Scan# 2688
Delta R.T. -0.014 min
Lab File: BN036173.D
Acq: 31 Jan 2025 18:15

Tgt Ion:166 Resp: 5455

Ion	Ratio	Lower	Upper
166	100		
165	113.4	80.3	120.5
167	33.6	12.3	18.5#



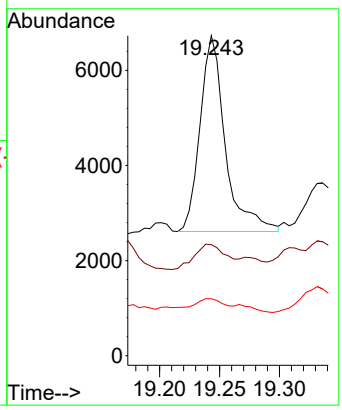


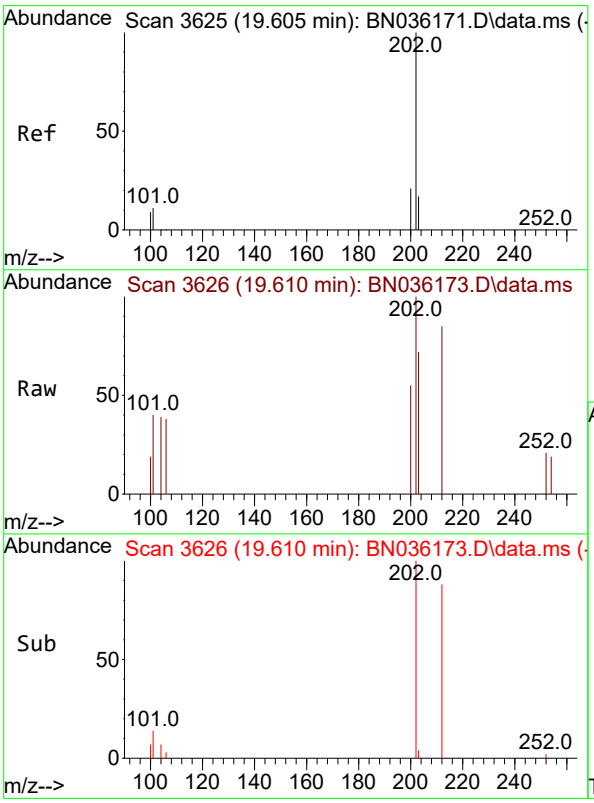
#19
Fluoranthene
Concen: 0.128 ng/ul
RT: 19.243 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN036173.D
Acq: 31 Jan 2025 18:15

Instrument :
BNA_P
ClientSampleId :
E2964

Tgt Ion:202 Resp: 6044

Ion	Ratio	Lower	Upper
202	100		
101	34.7	8.4	12.6#
100	17.8	6.5	9.7#

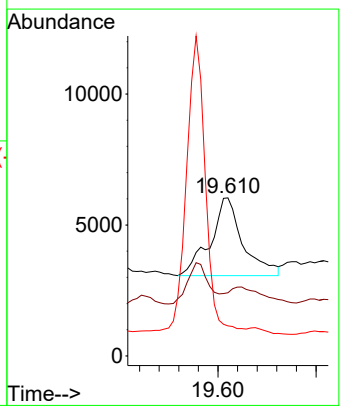


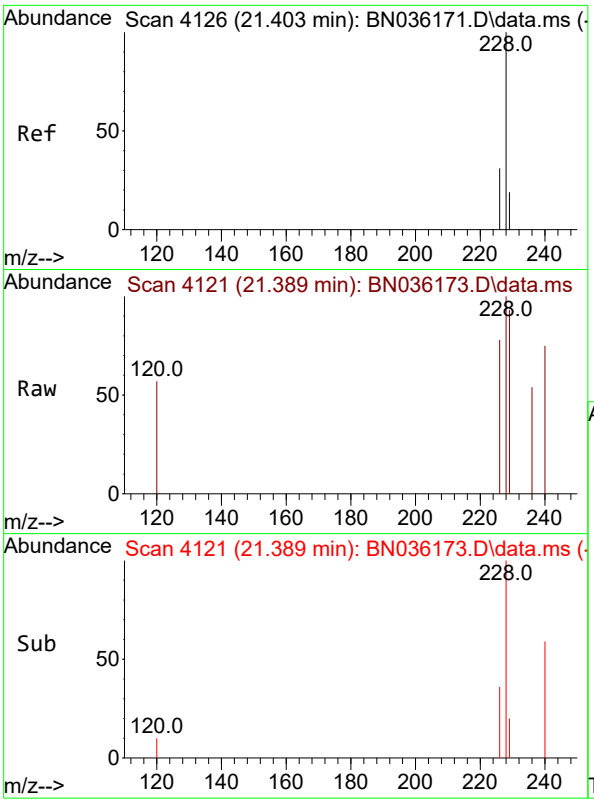


#20
Pyrene
Concen: 0.140 ng/ul
RT: 19.610 min Scan# 3626
Delta R.T. 0.000 min
Lab File: BN036173.D
Acq: 31 Jan 2025 18:15

Tgt Ion:202 Resp: 6872

Ion	Ratio	Lower	Upper
202	100		
101	40.0	9.3	13.9#
100	19.0	7.5	11.3#





#22
Chrysene
Concen: 0.064 ng/ul
RT: 21.389 min Scan# 4
Delta R.T. -0.017 min
Lab File: BN036173.D
Acq: 31 Jan 2025 18:15

Instrument :
BNA_P
ClientSampleId :
E2964

Tgt Ion:228 Resp: 2884

Ion	Ratio	Lower	Upper
228	100		
226	78.5	24.4	36.6#
229	92.7	15.9	23.9#