Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032405.D
Acq On : 02 Jul 2024 17:48
Operator : MA/JU
Sample : P2871-10
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4C60

Quant Time: Jul 02 23:55:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	8144	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.382	136	25094	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	13825	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.105	188	1688761	0.400	ng/ul	# 0.08
17) Chrysene-d12	0.000	240	0	0.000	ng/ul	-21.23
23) Perylene-d12	23.427	264	26548	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	43692	4.827	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	13071	0.347	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	22740	0.000	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.431	128	2447	0.037	ng/ul#	86
7) 2-Methylnaphthalene	12.054	142	917	0.021	ng/ul	99
10) Acenaphthylene	13.971	152	5987	0.104	ng/ul#	92
11) Acenaphthene	14.313	153	1606	0.036	ng/ul	96
12) Fluorene	15.308	166	2049	0.039	ng/ul#	97
24) Benzo(b)fluoranthene	22.763	252	84639	0.734	ng/ul	93
26) Benzo(a)pyrene	23.330	252	42139	0.525	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.663	276	33106	0.263	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.663	278	8002	0.086	ng/ul#	38
29) Benzo(g,h,i)perylene	26.351	276	32892	0.329	ng/ul	91

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

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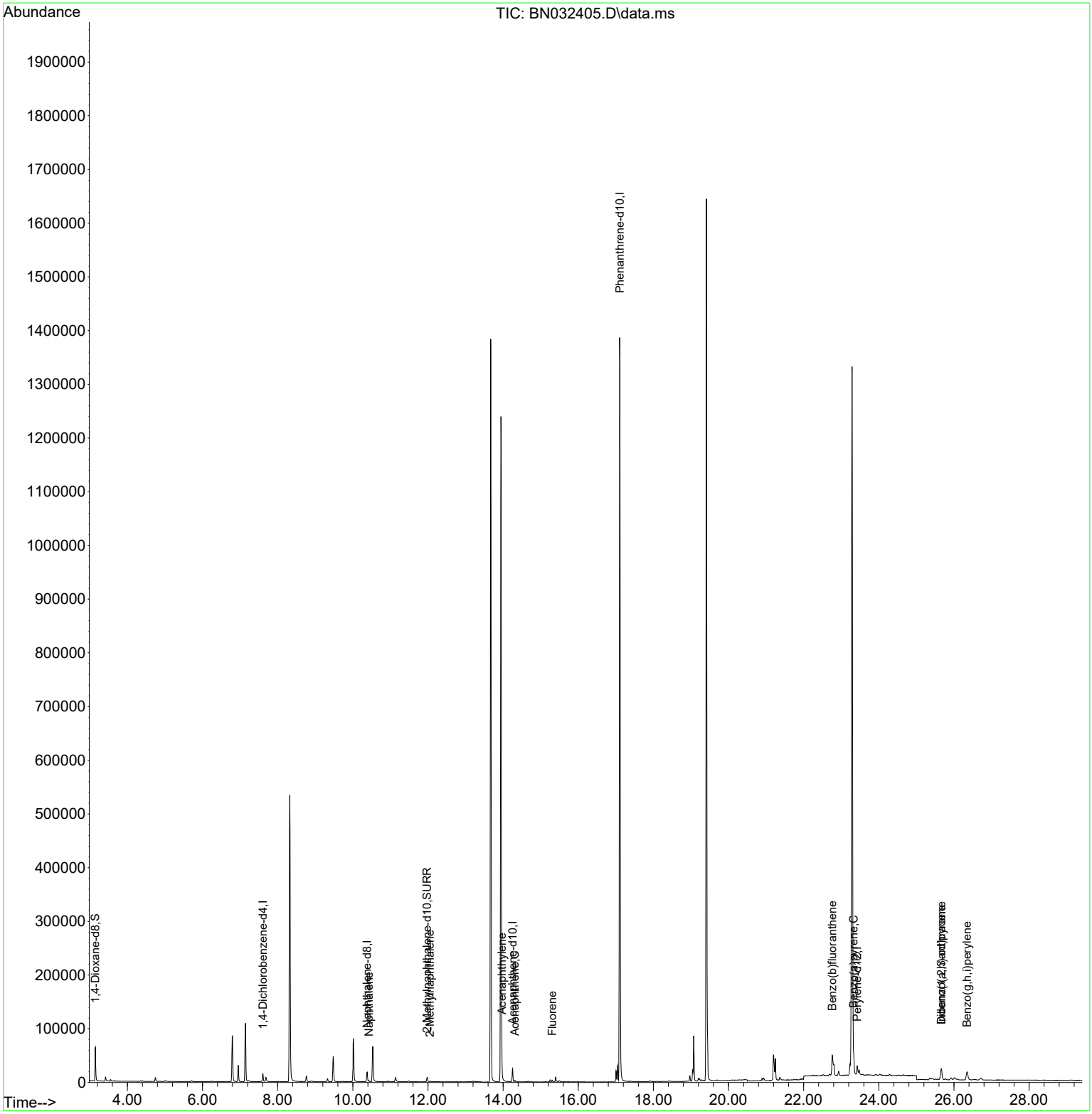
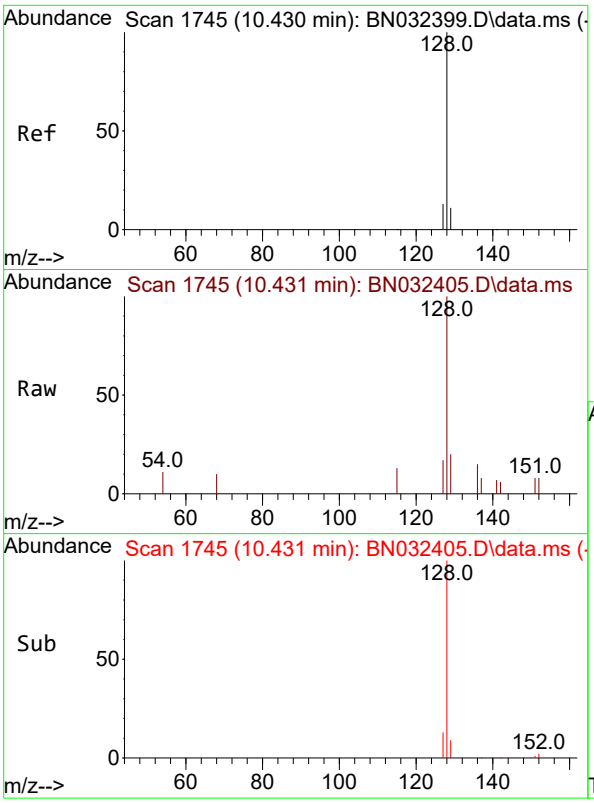


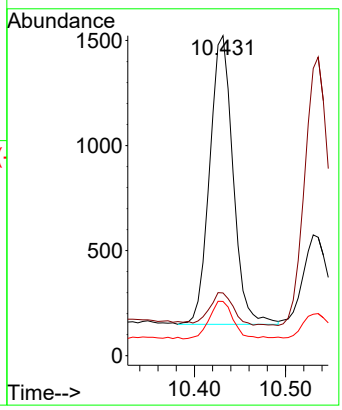


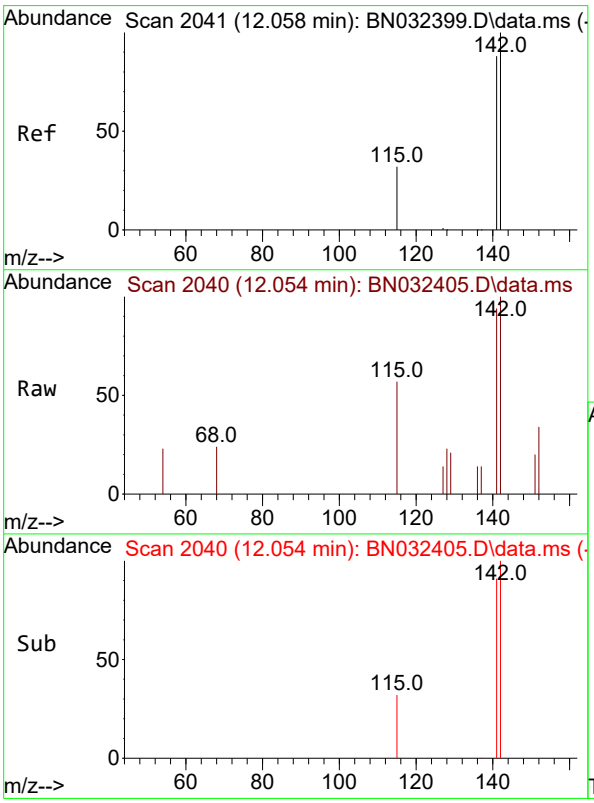
#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.431 min Scan# 1
Delta R.T. -0.017 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

Instrument :
BNA_N
ClientSampleId :
A4C60

Tgt Ion:128 Resp: 2447

Ion	Ratio	Lower	Upper
128	100		
129	19.6	9.2	13.8#
127	16.9	10.8	16.2#

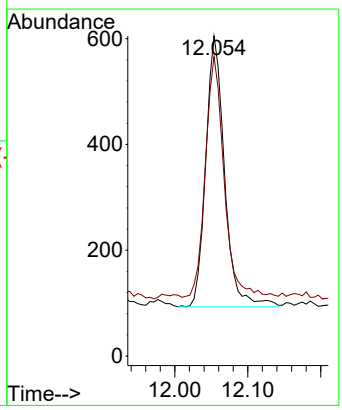


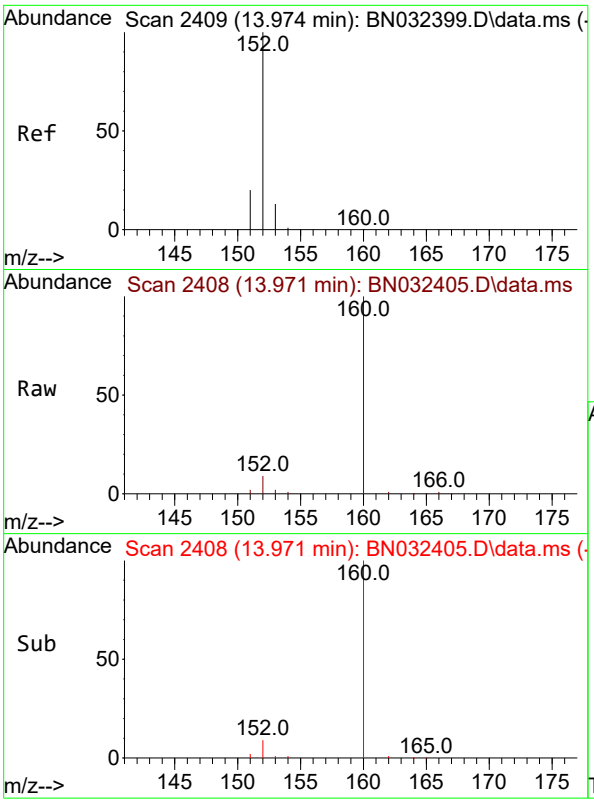


#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. -0.022 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

Tgt Ion:142 Resp: 917

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.2	108.2



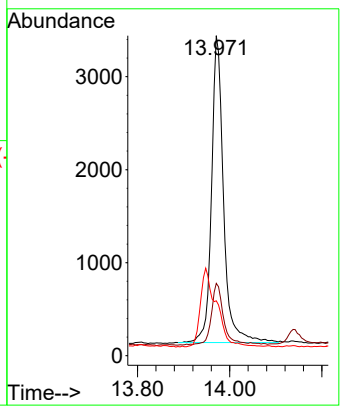


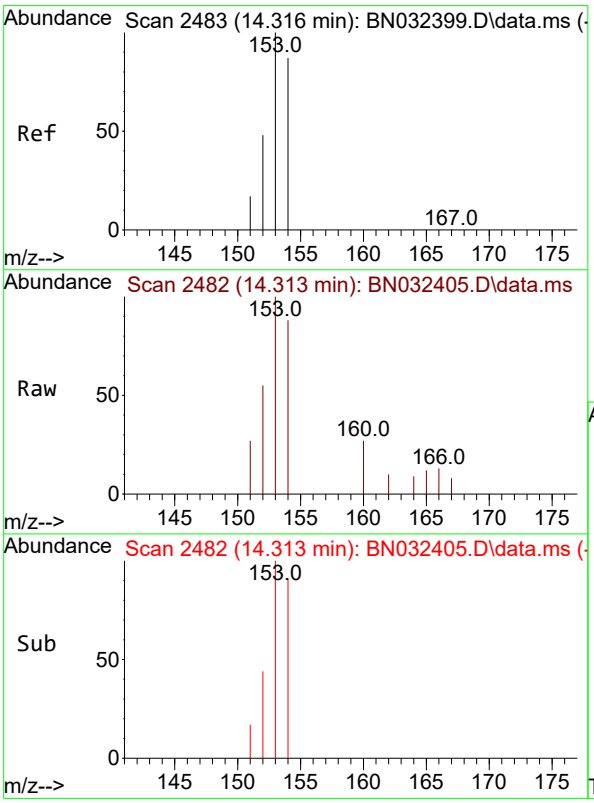
#10
Acenaphthylene
Concen: 0.104 ng/ul
RT: 13.971 min Scan# 24
Delta R.T. -0.019 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

Instrument :
BNA_N
ClientSampleId :
A4C60

Tgt Ion:152 Resp: 5987

Ion	Ratio	Lower	Upper
152	100		
151	22.6	15.7	23.5
153	17.2	10.9	16.3#

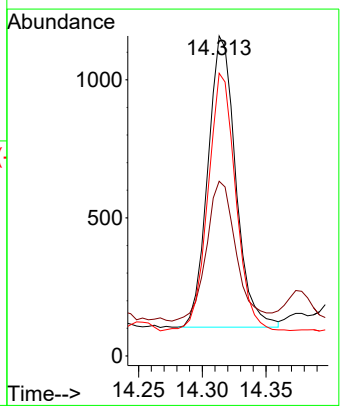


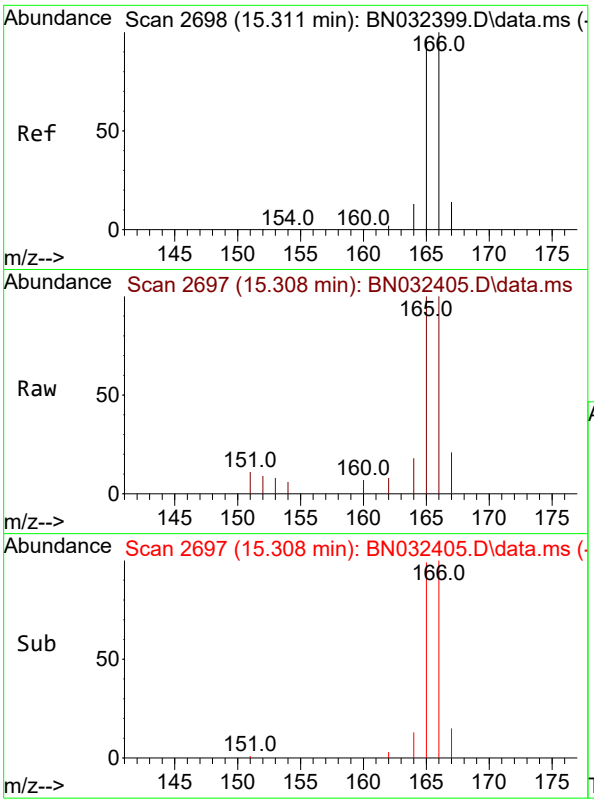


#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

Tgt Ion:153 Resp: 1606

Ion	Ratio	Lower	Upper
153	100		
152	54.6	39.5	59.3
154	88.4	71.7	107.5



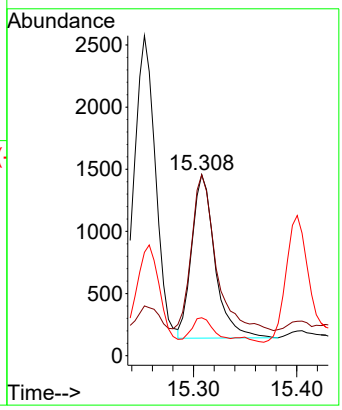


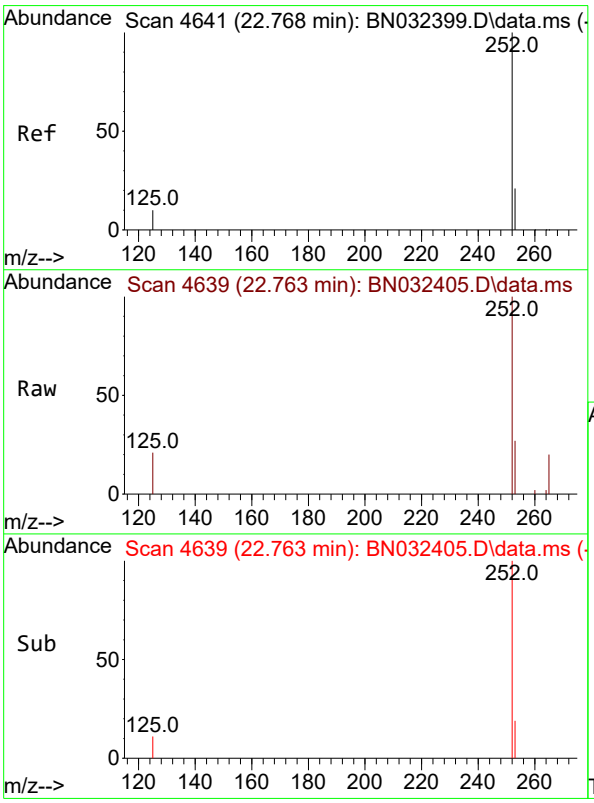
#12
Fluorene
Concen: 0.039 ng/ul
RT: 15.308 min Scan# 2
Delta R.T. -0.019 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

Instrument :
BNA_N
ClientSampleId :
A4C60

Tgt Ion:166 Resp: 2049

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.0	118.6
167	20.9	11.0	16.6#

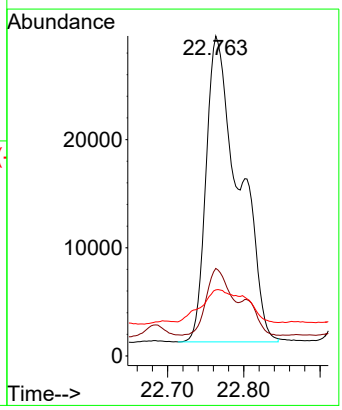


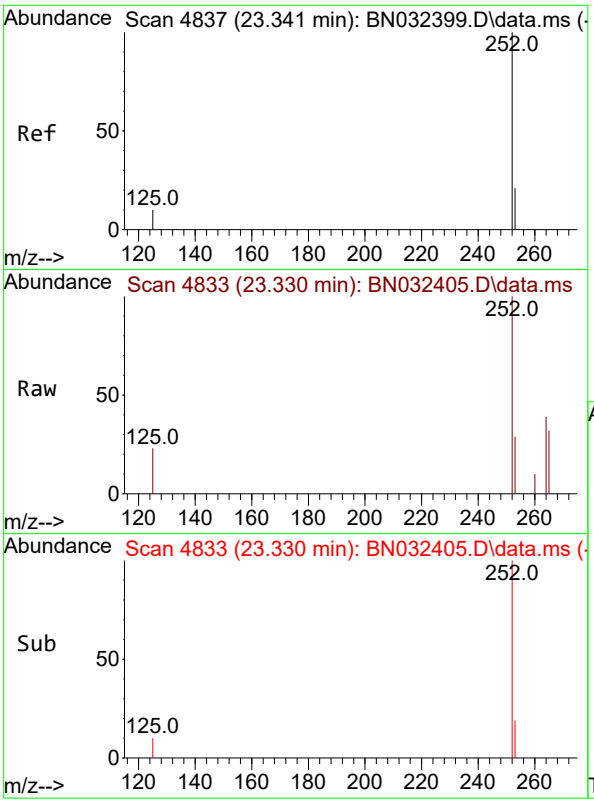


#24
Benzo(b)fluoranthene
Concen: 0.734 ng/ul
RT: 22.763 min Scan# 4639
Delta R.T. -0.021 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

Tgt Ion:252 Resp: 84639

Ion	Ratio	Lower	Upper
252	100		
253	27.3	0.0	50.2
125	20.7	0.0	32.0



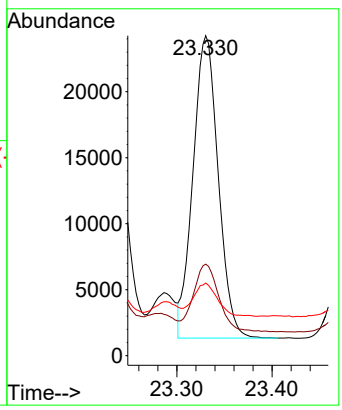


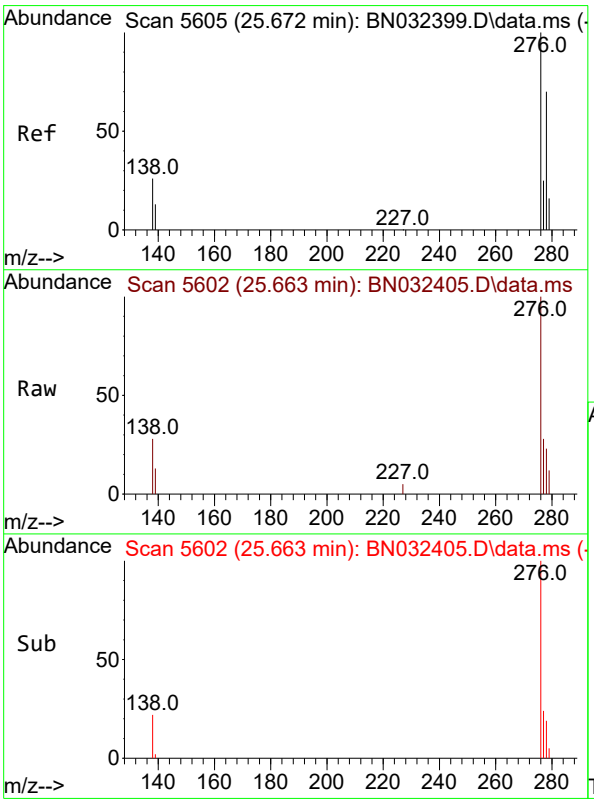
#26
Benzo(a)pyrene
Concen: 0.525 ng/ul
RT: 23.330 min Scan# 4
Delta R.T. -0.029 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

Instrument :
BNA_N
ClientSampleId :
A4C60

Tgt Ion:252 Resp: 42139

Ion	Ratio	Lower	Upper
252	100		
253	28.6	22.2	33.2
125	22.7	16.4	24.6

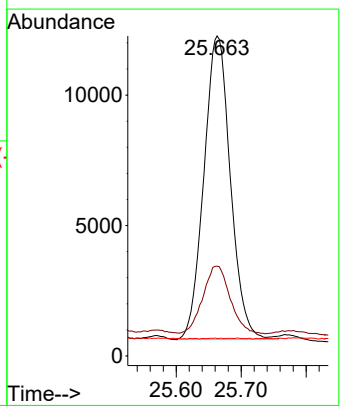


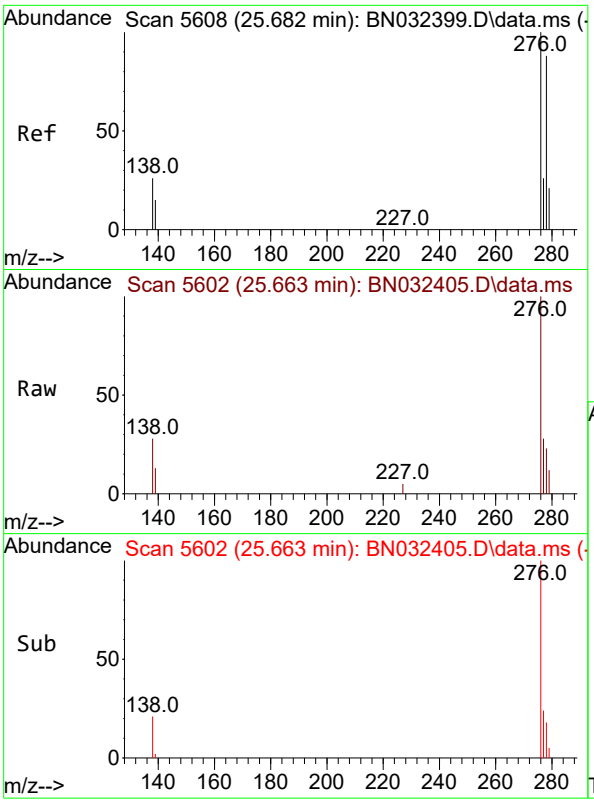


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.263 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.037 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

Tgt Ion:276 Resp: 33106

Ion	Ratio	Lower	Upper
276	100		
138	23.1	21.3	31.9
227	0.2	0.1	0.1#



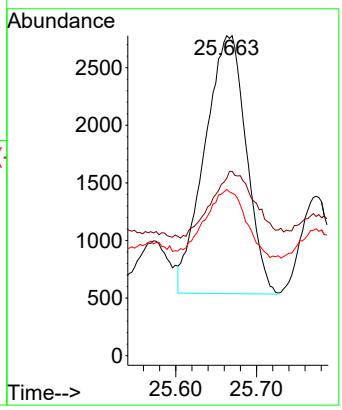


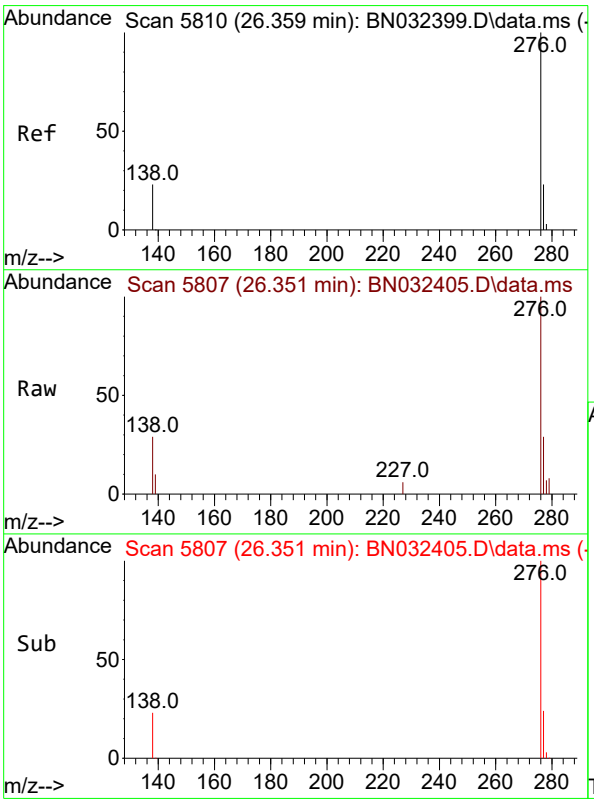
#28
Dibenzo(a,h)anthracene
Concen: 0.086 ng/ul
RT: 25.663 min Scan# 5
Delta R.T. -0.047 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

Instrument :
BNA_N
ClientSampleId :
A4C60

Tgt Ion:278 Resp: 8002

Ion	Ratio	Lower	Upper
278	100		
139	55.4	15.9	23.9#
279	52.0	21.1	31.7#





#29
Benzo(g,h,i)perylene
Concen: 0.329 ng/ul
RT: 26.351 min Scan# 5807
Delta R.T. -0.030 min
Lab File: BN032405.D
Acq: 02 Jul 2024 17:48

Tgt Ion:276 Resp: 32892

Ion	Ratio	Lower	Upper
276	100		
138	29.2	19.8	29.6
277	28.8	19.8	29.6