Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031943.D
Acq On : 12 Jun 2024 16:03
Operator : MA/JU
Sample : P2678-22
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH691

Quant Time: Jun 12 22:53:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	340395	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1585273	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	1027856	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	2075553	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	1405541	20.000	ng/ul	0.00
88) Perylene-d12	24.215	264	1329152	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	33794	4.107	ng/uL	0.00
4) Pyridine-d5	3.581	84	458267	19.786	ng/ul	0.00
7) Phenol-d5	6.834	99	848254	29.068	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	468704	27.459	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	649549	29.172	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	748430	31.463	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	371397	30.641	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	409249	32.685	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	730839	31.266	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	1076102	31.006	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	2499400	34.905	ng/ul	0.00
49) Acenaphthylene-d8	13.992	160	2856445	34.692	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	468774	32.696	ng/ul	0.00
60) Fluorene-d10	15.298	176	2160465	35.658	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	335051	32.115	ng/ul	0.00
73) Anthracene-d10	17.151	188	3234493	36.400	ng/ul	0.00
81) Pyrene-d10	19.451	212	3484551	46.329	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.015	264	2365330	37.268	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.092	178	117530	1.112	ng/ul	97
80) Fluoranthene	19.116	202	279453	3.109	ng/ul	98
82) Pyrene	19.480	202	245901	2.666	ng/ul	97
85) Benzo(a)anthracene	21.269	228	112466	1.195	ng/ul	98
87) Chrysene	21.269	228	111191	1.265	ng/ul	98
90) Benzo(b)fluoranthene	23.286	252	128426	1.617	ng/ul#	95
91) Benzo(k)fluoranthene	23.286	252	128426	1.647	ng/ul#	96
93) Benzo(a)pyrene	24.074	252	82826	1.113	ng/ul#	88

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

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Quant Title : SVOA CALIBRATION
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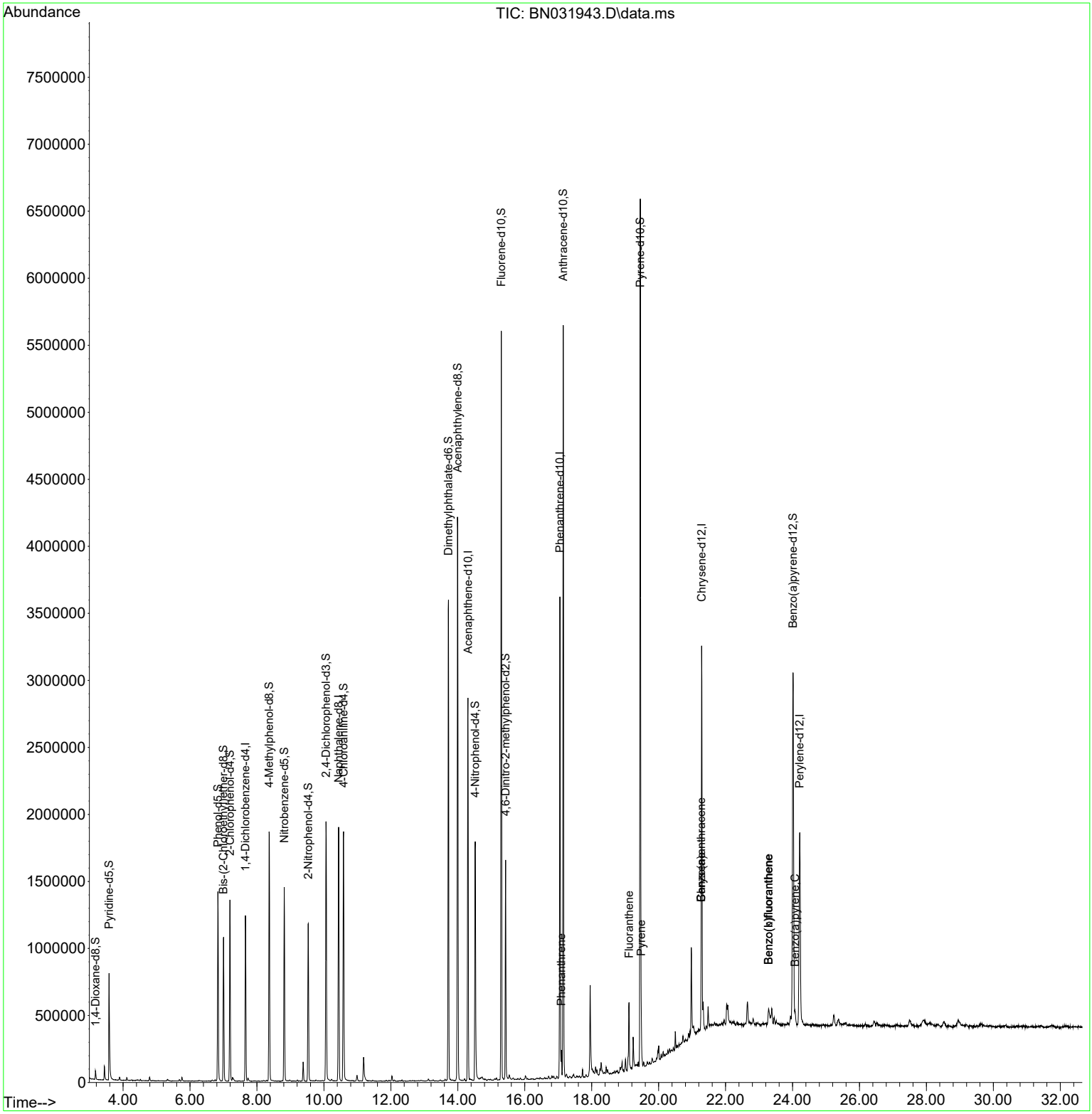
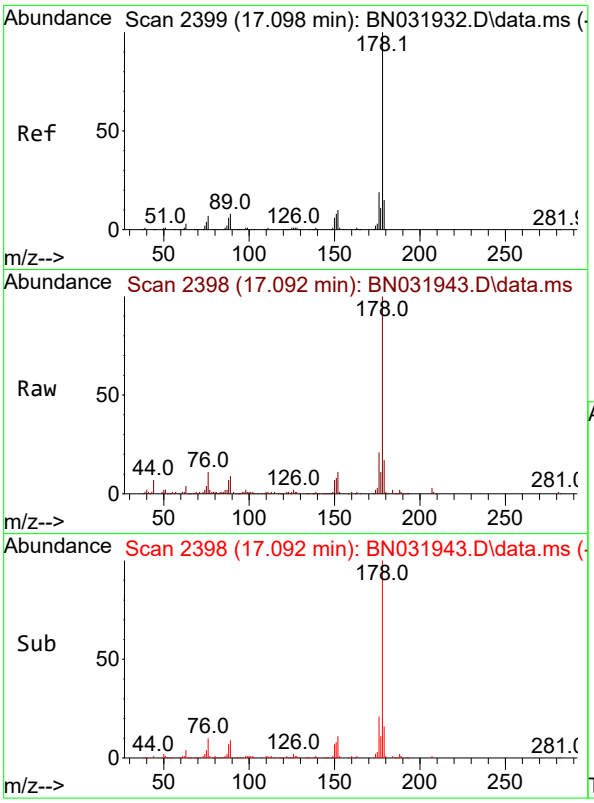


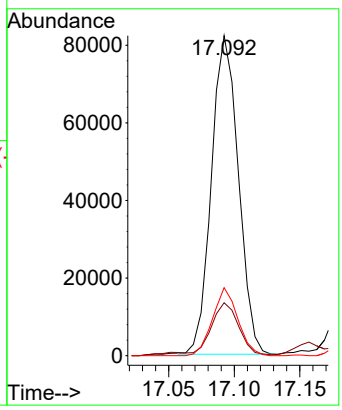


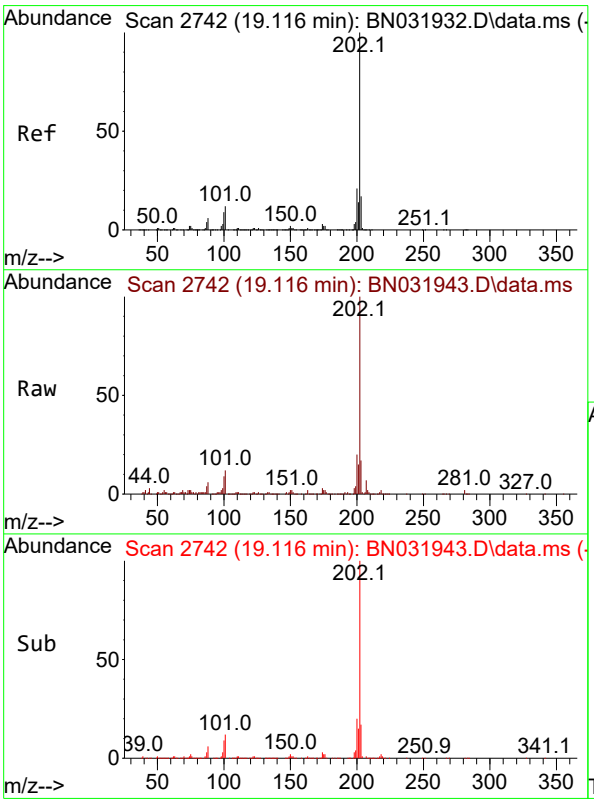
#72
Phenanthrene
Concen: 1.112 ng/ul
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN031943.D
Acq: 12 Jun 2024 16:03

Instrument :
BNA_N
ClientSampleId :
BH691

Tgt Ion:178 Resp: 117530

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.6	19.0
176	21.3	15.8	23.6

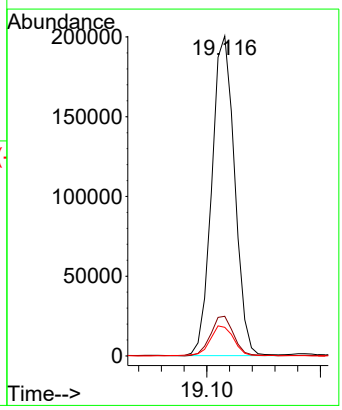


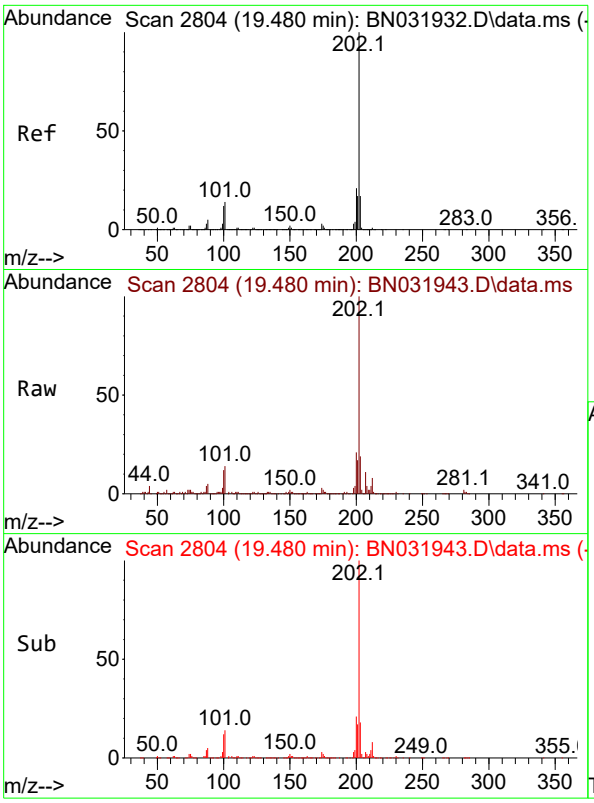


#80
Fluoranthene
Concen: 3.109 ng/ul
RT: 19.116 min Scan# 2742
Delta R.T. 0.000 min
Lab File: BN031943.D
Acq: 12 Jun 2024 16:03

Tgt Ion:202 Resp: 279453

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.3	15.5
100	8.9	8.0	12.0



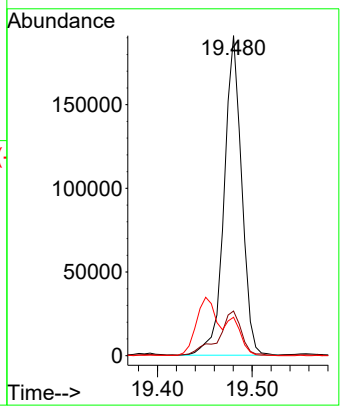


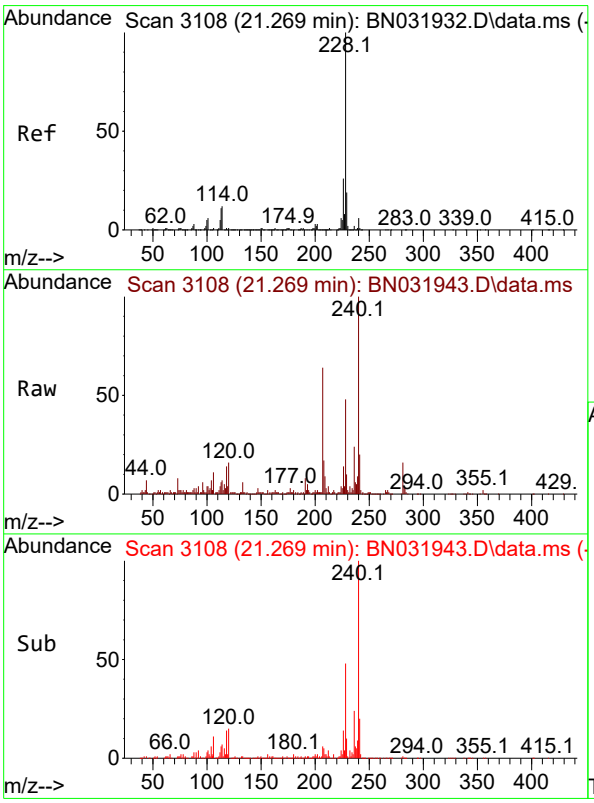
#82
Pyrene
Concen: 2.666 ng/ul
RT: 19.480 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN031943.D
Acq: 12 Jun 2024 16:03

Instrument :
BNA_N
ClientSampleId :
BH691

Tgt Ion:202 Resp: 245901

Ion	Ratio	Lower	Upper
202	100		
101	13.9	12.6	18.8
100	12.0	10.2	15.2

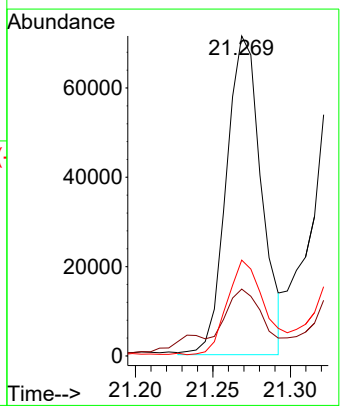


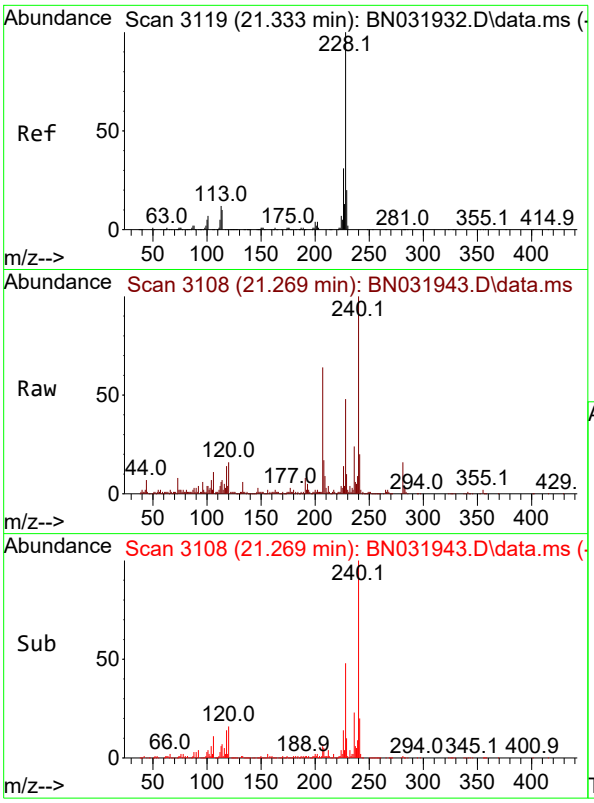


#85
Benzo(a)anthracene
Concen: 1.195 ng/ul
RT: 21.269 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BN031943.D
Acq: 12 Jun 2024 16:03

Tgt Ion:228 Resp: 112466

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.7	25.1
226	29.9	22.8	34.2



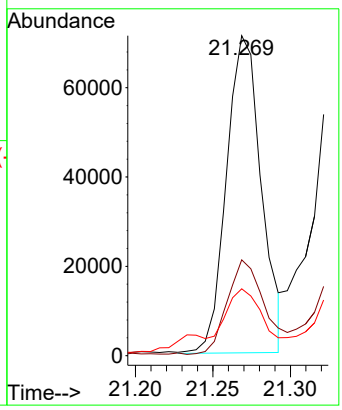


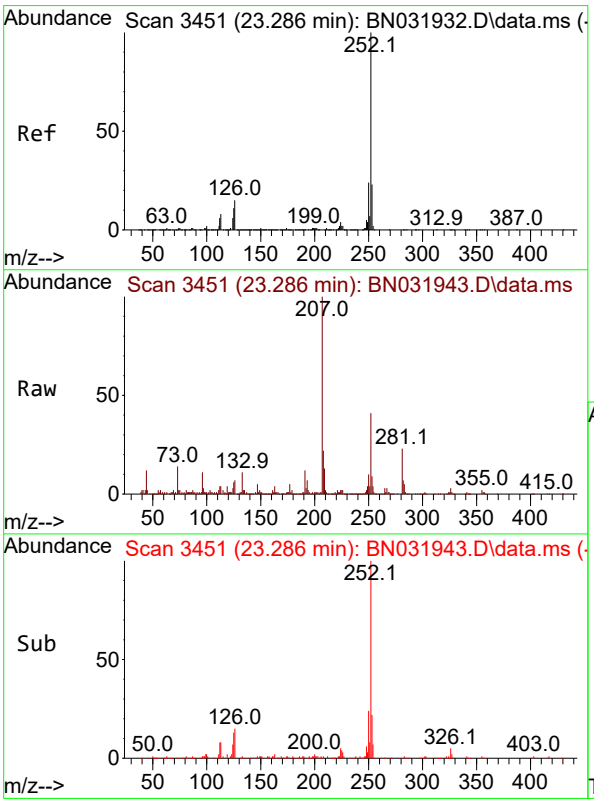
#87
Chrysene
Concen: 1.265 ng/ul
RT: 21.269 min Scan# 3
Delta R.T. -0.065 min
Lab File: BN031943.D
Acq: 12 Jun 2024 16:03

Instrument :
BNA_N
ClientSampleId :
BH691

Tgt Ion:228 Resp: 111191

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.7	35.5
229	20.9	15.1	22.7

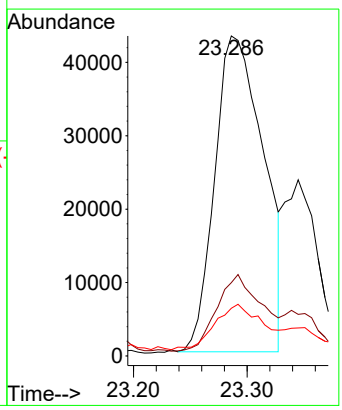


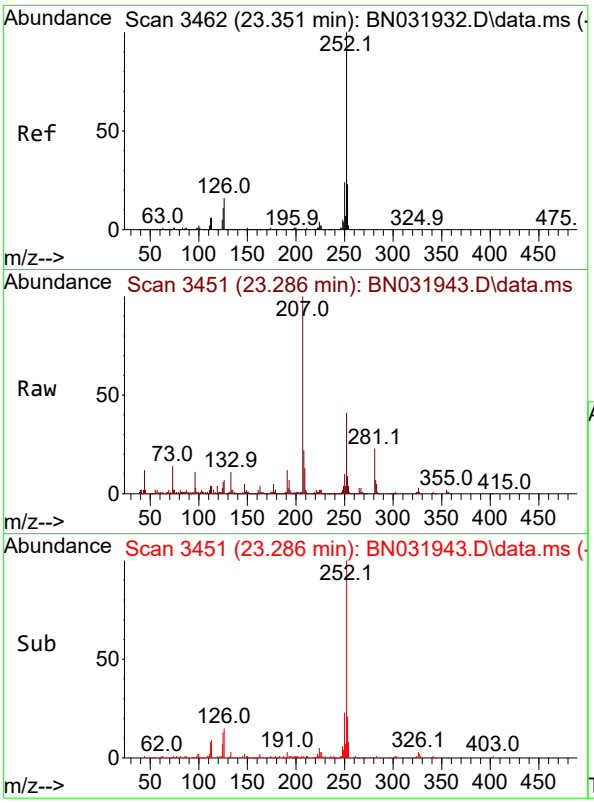


#90
Benzo(b)fluoranthene
Concen: 1.617 ng/ul
RT: 23.286 min Scan# 3451
Delta R.T. -0.006 min
Lab File: BN031943.D
Acq: 12 Jun 2024 16:03

Tgt Ion:252 Resp: 128426

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	14.9	9.2	13.8#



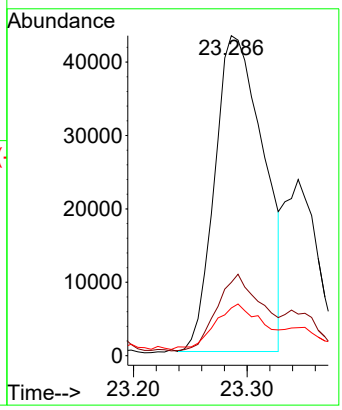


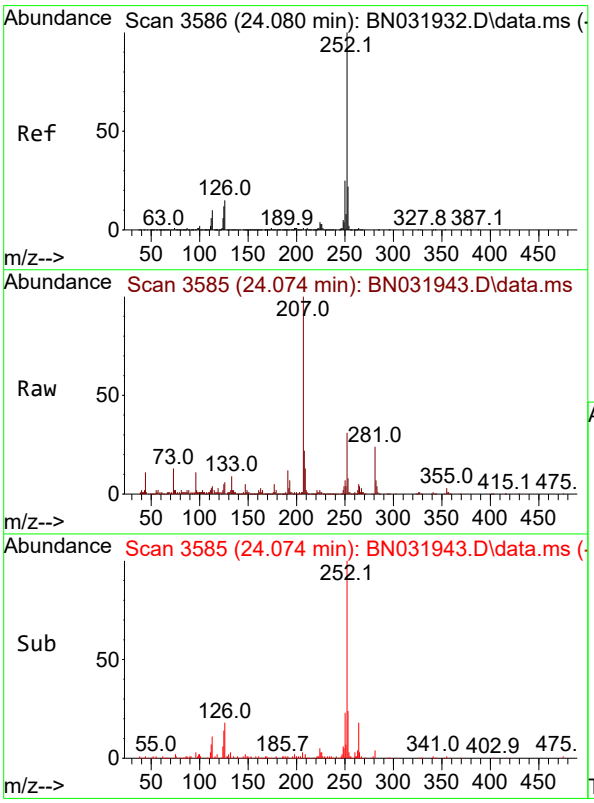
#91
Benzo(k)fluoranthene
Concen: 1.647 ng/ul
RT: 23.286 min Scan# 34
Delta R.T. -0.065 min
Lab File: BN031943.D
Acq: 12 Jun 2024 16:03

Instrument :
BNA_N
ClientSampleId :
BH691

Tgt Ion:252 Resp: 128426

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	14.9	9.4	14.2#





#93
Benzo(a)pyrene
Concen: 1.113 ng/ul
RT: 24.074 min Scan# 3585
Delta R.T. -0.006 min
Lab File: BN031943.D
Acq: 12 Jun 2024 16:03

Tgt Ion:252 Resp: 82826

Ion	Ratio	Lower	Upper
252	100		
253	26.4	16.6	24.8#
125	16.4	9.8	14.8#