Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034449.D
Acq On : 07 Oct 2024 22:11
Operator : RC/JU
Sample : P4131-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4EY4

Quant Time: Oct 08 00:47:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	287166	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.134	136	1150197	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.028	164	692555	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.787	188	1240641	20.000	ng/ul	-0.01
79) Chrysene-d12	21.022	240	1001455	20.000	ng/ul	-0.01
88) Perylene-d12	23.733	264	1180434	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	21274	3.023	ng/uL	0.00
4) Pyridine-d5	3.381	84	246665	11.792	ng/ul	0.00
7) Phenol-d5	6.581	99	383351	15.042	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	237736	15.034	ng/ul	0.00
11) 2-Chlorophenol-d4	6.917	132	352059	17.549	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	327157	15.601	ng/ul	-0.01
21) Nitrobenzene-d5	8.522	128	166430	18.154	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	185559	19.683	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	322515	18.166	ng/ul	0.00
31) 4-Chloroaniline-d4	10.281	131	396800	14.763	ng/ul	-0.01
46) Dimethylphthalate-d6	13.457	166	952396	18.401	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	1079649	18.543	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.269	143	94142	8.863	ng/ul	0.00
60) Fluorene-d10	15.034	176	782961	17.850	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	80921	10.939	ng/ul	0.00
73) Anthracene-d10	16.887	188	1111791	19.061	ng/ul	-0.01
81) Pyrene-d10	19.198	212	1149428	20.600	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.545	264	1195155	19.710	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	16.828	178	138954	2.031	ng/ul	99
80) Fluoranthene	18.863	202	234010	3.587	ng/ul	98
82) Pyrene	19.228	202	209506	2.988	ng/ul	96
85) Benzo(a)anthracene	21.010	228	110607	1.549	ng/ul	94
87) Chrysene	21.063	228	121403	1.782	ng/ul	96
90) Benzo(b)fluoranthene	22.886	252	156333	2.172	ng/ul#	97
93) Benzo(a)pyrene	23.604	252	104805	1.542	ng/ul#	92
96) Benzo(g,h,i)perylene	27.639	276	74055	1.132	ng/ul	98

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

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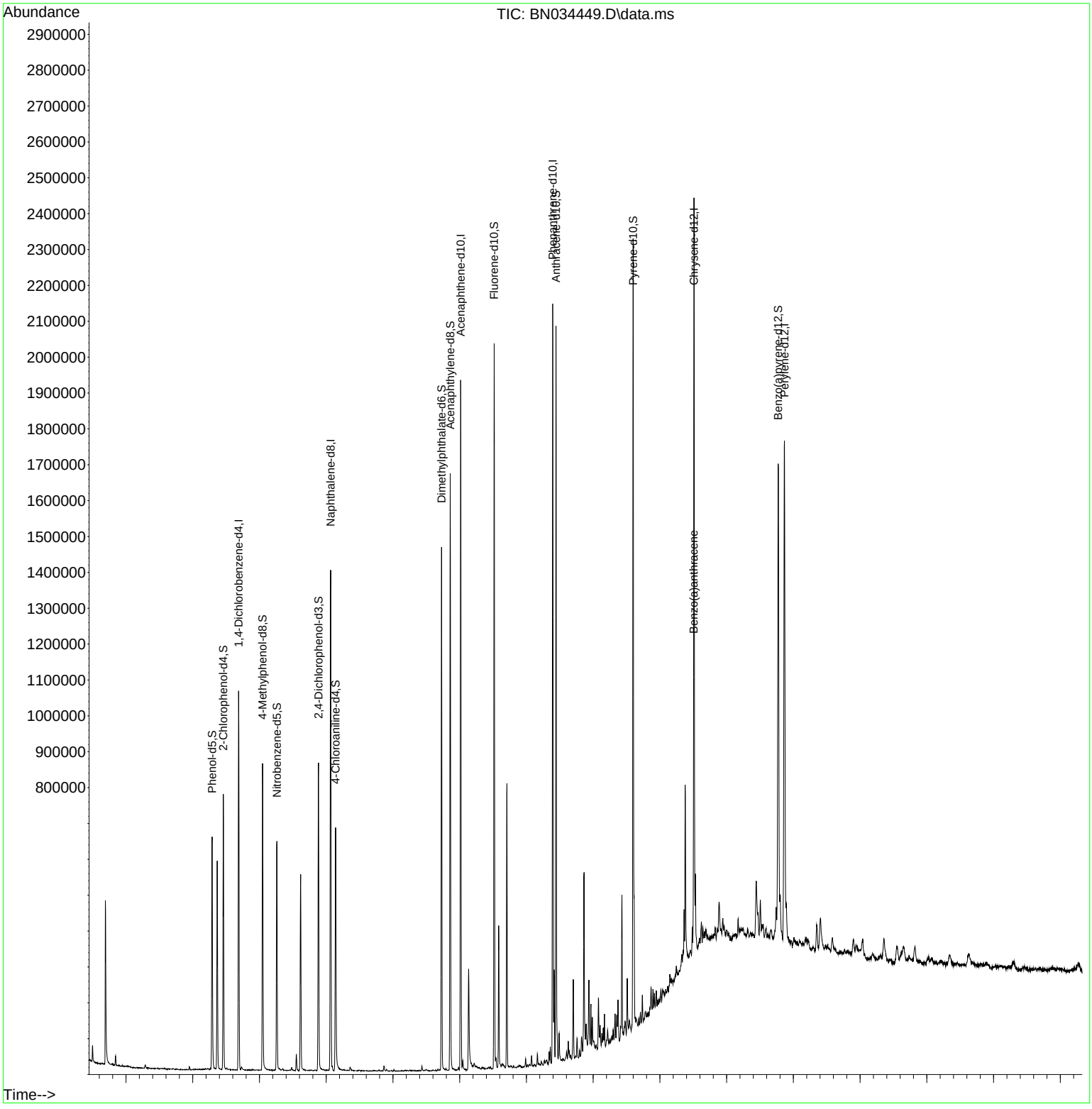
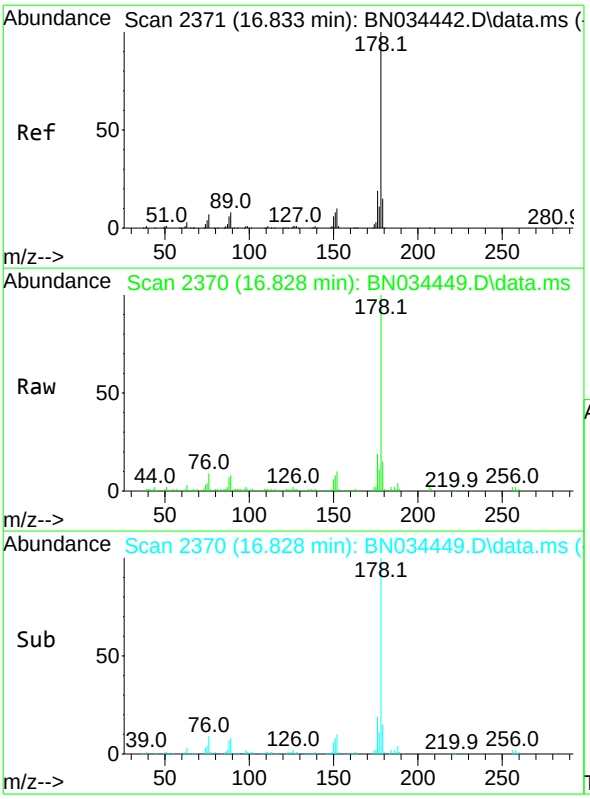


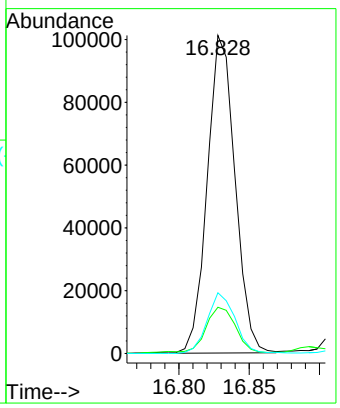


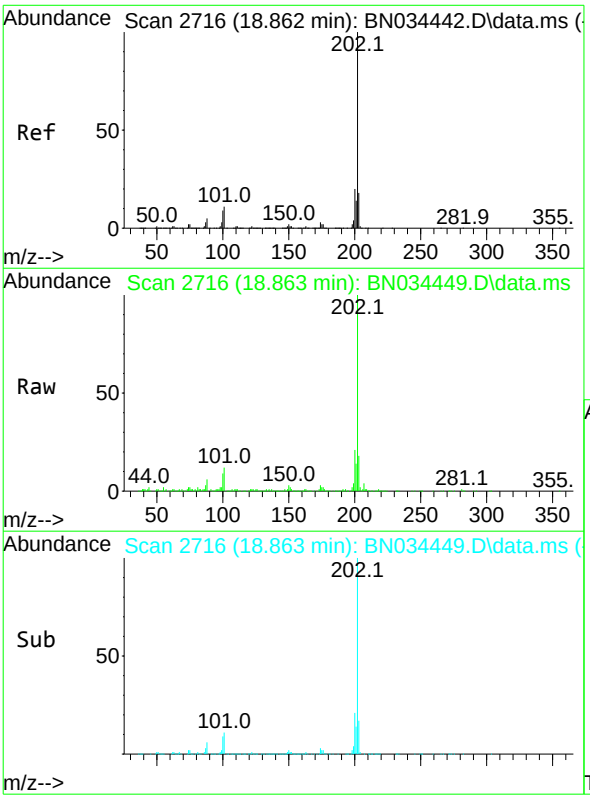
#72
Phenanthrene
Concen: 2.031 ng/ul
RT: 16.828 min Scan# 23
Delta R.T. -0.012 min
Lab File: BN034449.D
Acq: 07 Oct 2024 22:11

Instrument :
BNA_N
ClientSampleId :
A4EY4

Tgt Ion:178 Resp: 138954

Ion	Ratio	Lower	Upper
178	100		
179	14.5	11.9	17.9
176	19.1	15.2	22.8

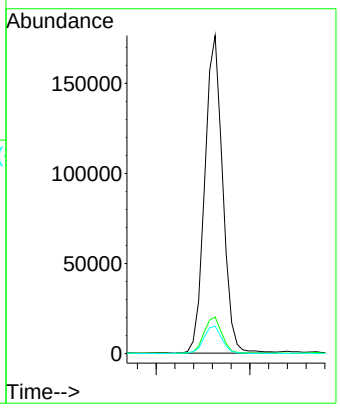


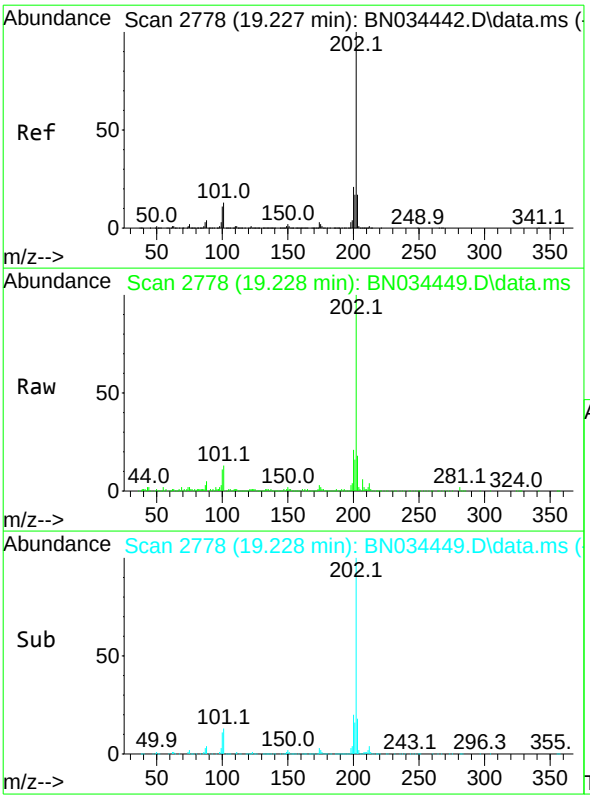


#80
Fluoranthene
Concen: 3.587 ng/ul
RT: 18.863 min Scan# 2716
Delta R.T. -0.006 min
Lab File: BN034449.D
Acq: 07 Oct 2024 22:11

Tgt Ion:202 Resp: 234010

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.6	14.4
100	8.6	7.7	11.5



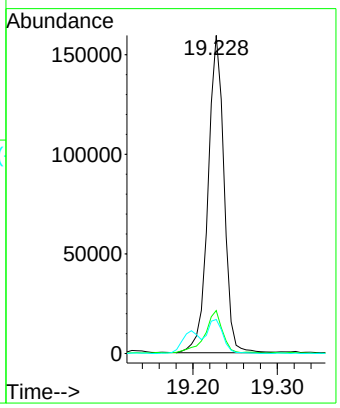


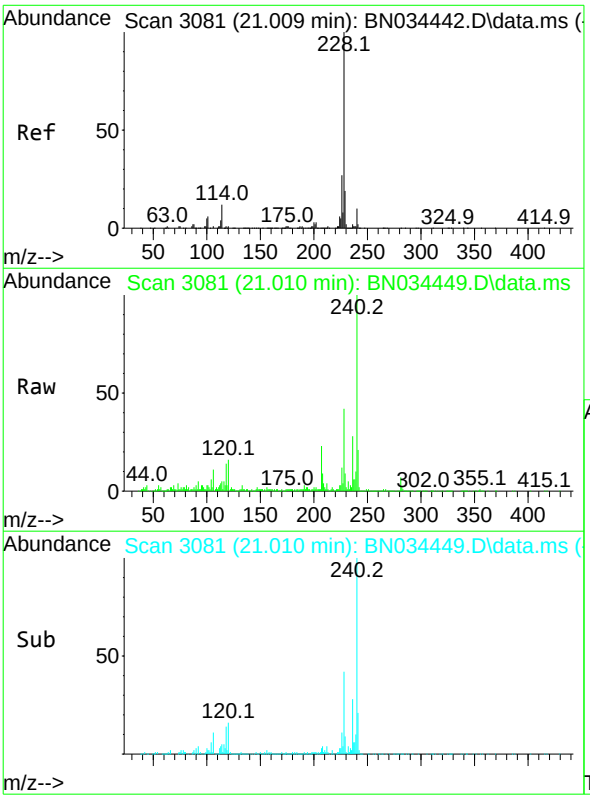
#82
Pyrene
Concen: 2.988 ng/ul
RT: 19.228 min Scan# 27
Delta R.T. -0.012 min
Lab File: BN034449.D
Acq: 07 Oct 2024 22:11

Instrument :
BNA_N
ClientSampleId :
A4EY4

Tgt Ion:202 Resp: 209506

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.8	17.8
100	10.7	10.0	15.0

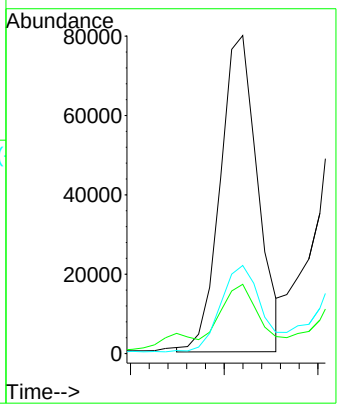


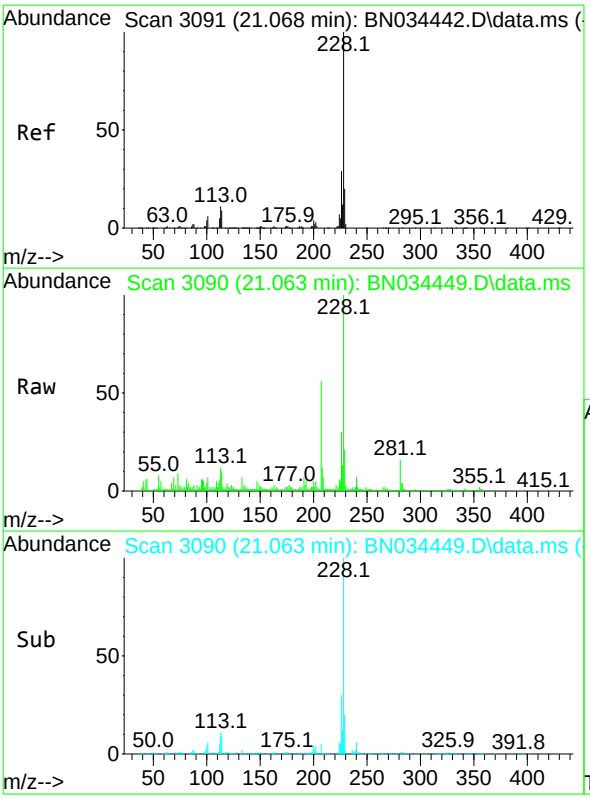


#85
Benzo(a)anthracene
Concen: 1.549 ng/ul
RT: 21.010 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BN034449.D
Acq: 07 Oct 2024 22:11

Tgt Ion:228 Resp: 110607

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.0	22.6
226	27.7	20.2	30.4



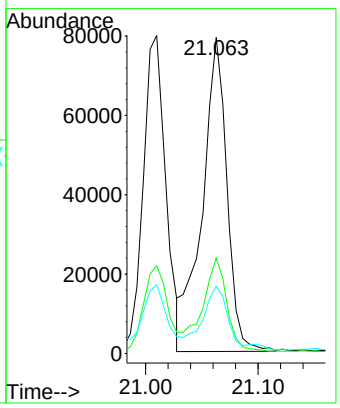


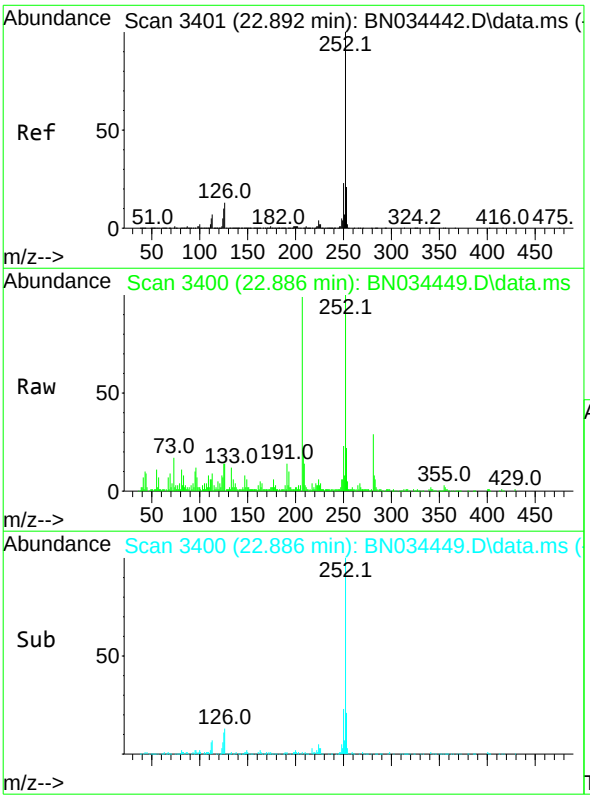
#87
Chrysene
Concen: 1.782 ng/ul
RT: 21.063 min Scan# 30
Delta R.T. -0.012 min
Lab File: BN034449.D
Acq: 07 Oct 2024 22:11

Instrument :
BNA_N
ClientSampleId :
A4EY4

Tgt Ion:228 Resp: 121403

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.5	33.7
229	21.3	15.8	23.6

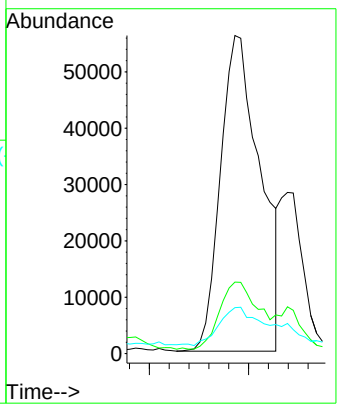


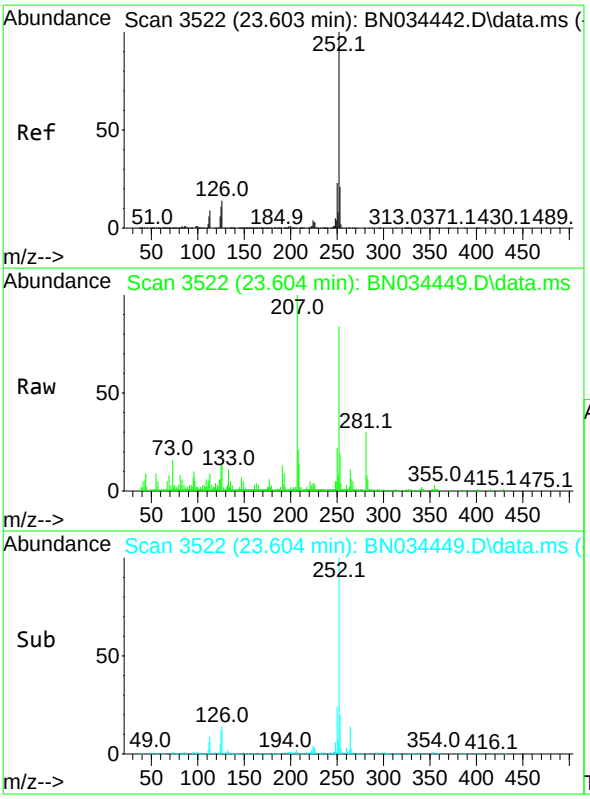


#90
Benzo(b)fluoranthene
Concen: 2.172 ng/ul
RT: 22.886 min Scan# 3400
Delta R.T. -0.006 min
Lab File: BN034449.D
Acq: 07 Oct 2024 22:11

Tgt Ion:252 Resp: 156333

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	14.4	9.1	13.7#



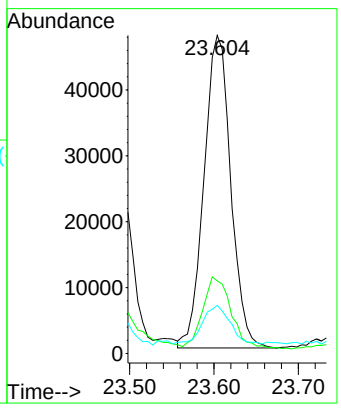


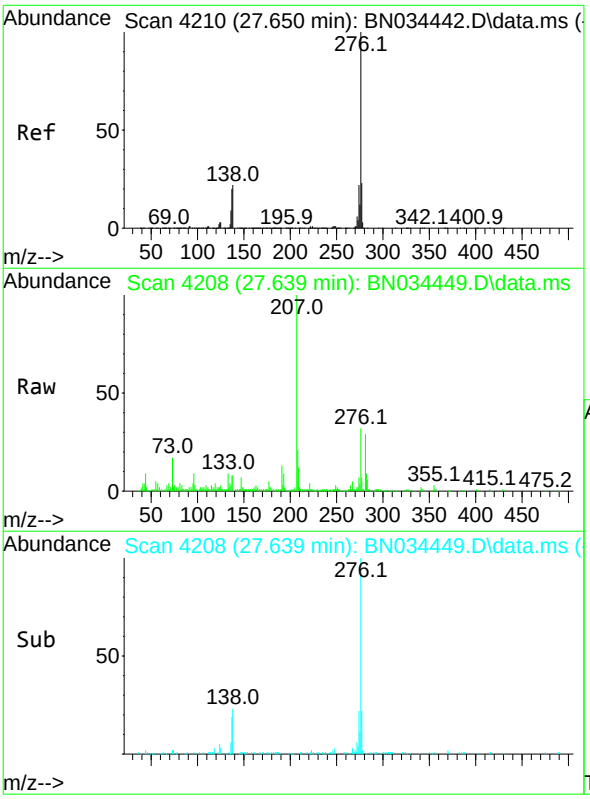
#93
Benzo(a)pyrene
Concen: 1.542 ng/ul
RT: 23.604 min Scan# 35
Delta R.T. -0.012 min
Lab File: BN034449.D
Acq: 07 Oct 2024 22:11

Instrument :
BNA_N
ClientSampleId :
A4EY4

Tgt Ion:252 Resp: 104805

Ion	Ratio	Lower	Upper
252	100		
253	22.8	15.8	23.8
125	15.1	9.0	13.6#





#96
Benzo(g,h,i)perylene
Concen: 1.132 ng/ul
RT: 27.639 min Scan# 4208
Delta R.T. -0.023 min
Lab File: BN034449.D
Acq: 07 Oct 2024 22:11

Tgt Ion:276 Resp: 74055

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.0	28.4
277	23.1	18.0	27.0