Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
Data File : BN029792.D
Acq On : 15 Feb 2024 05:16
Operator : MA/JU
Sample : P1329-04
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0FL2

Quant Time: Feb 15 05:44:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 13 22:50:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	176036	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	724656	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	390392	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	810324	20.000	ng/ul	0.00
79) Chrysene-d12	21.463	240	728555	20.000	ng/ul	0.00
88) Perylene-d12	23.833	264	790744	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	14994	2.802	ng/uL	0.00
4) Pyridine-d5	3.734	84	128353	8.993	ng/ul	0.00
7) Phenol-d5	7.034	99	280631	17.043	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	188288	17.134	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	220310	18.464	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	156836	12.772	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	112018	19.917	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	111349	22.732	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	195649	20.236	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	178065	10.795	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	620199	21.338	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	709607	20.558	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	86067	15.602	ng/ul	0.00
60) Fluorene-d10	15.510	176	534288	21.608	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	51114	12.946	ng/ul	0.00
73) Anthracene-d10	17.363	188	764327	20.126	ng/ul	0.00
81) Pyrene-d10	19.663	212	979328	22.399	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.680	264	923708	23.345	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.699	105	54830	2.805	ng/ul	94
78) Di-n-butylphthalate	18.251	149	57979	1.122	ng/ul	98
80) Fluoranthene	19.328	202	96860	1.824	ng/ul	98
82) Pyrene	19.692	202	101732	1.811	ng/ul#	95
85) Benzo(a)anthracene	21.445	228	62368	1.165	ng/ul#	95
87) Chrysene	21.504	228	65004	1.296	ng/ul	97
90) Benzo(b)fluoranthene	23.116	252	105887	2.126	ng/ul#	90
93) Benzo(a)pyrene	23.733	252	63561	1.331	ng/ul#	93
96) Benzo(g,h,i)perylene	27.033	276	53618	1.102	ng/ul	98

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

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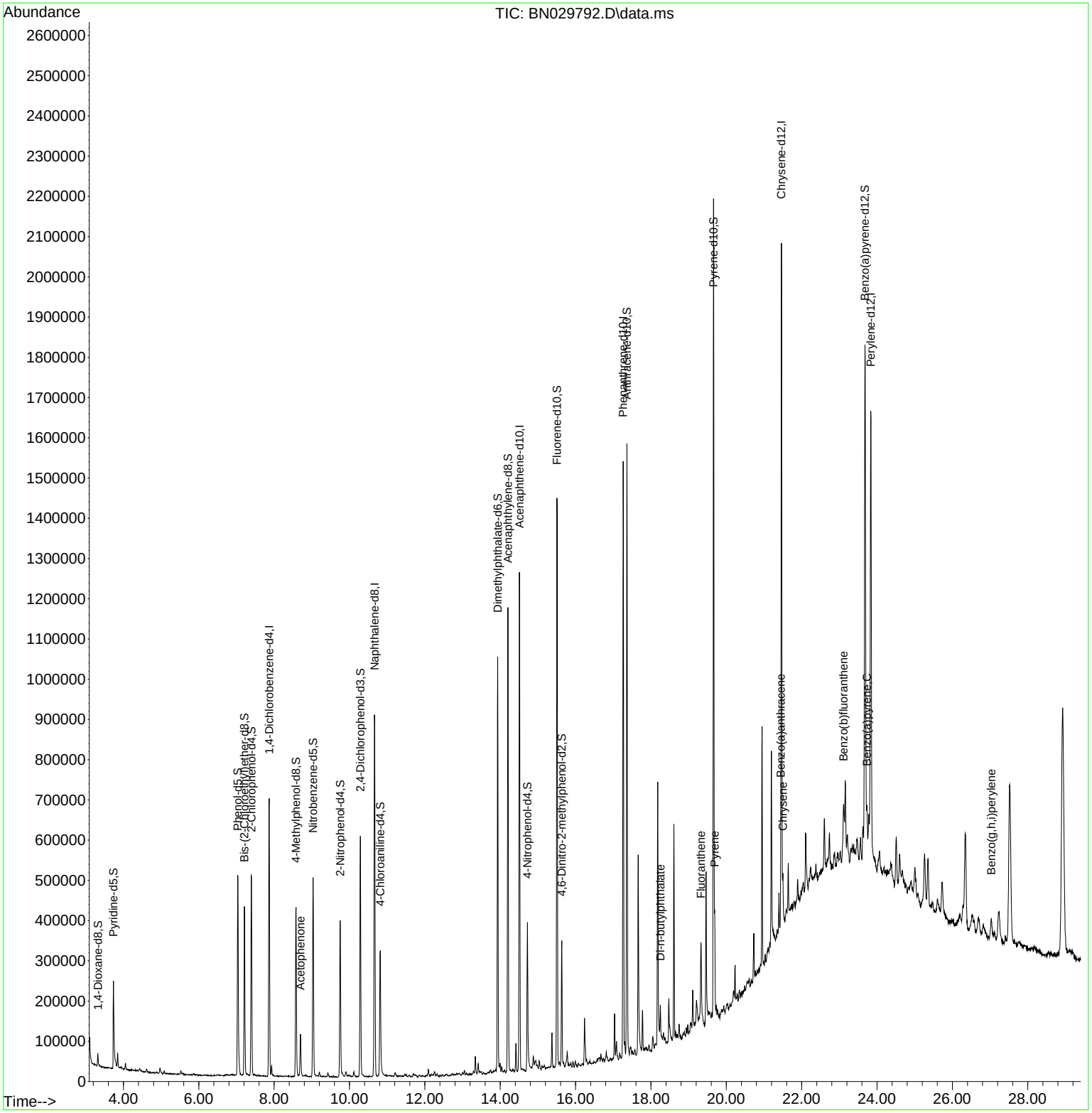
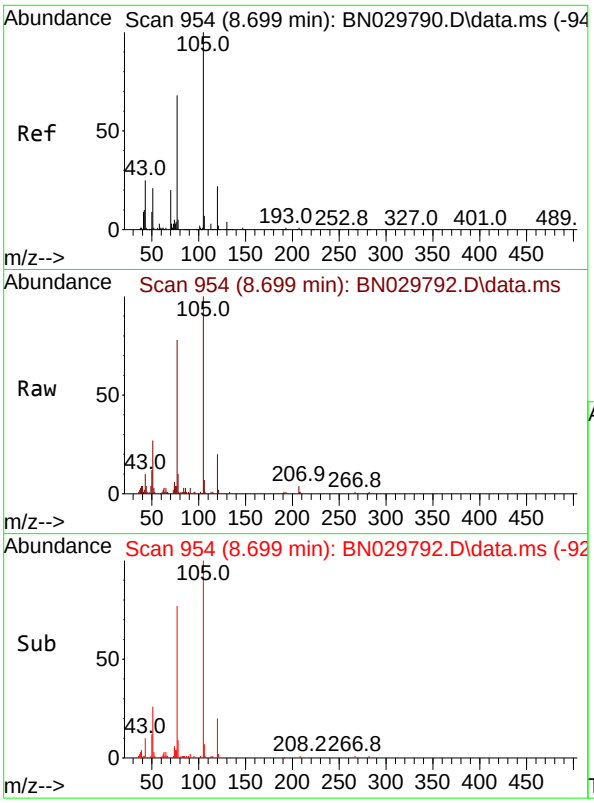


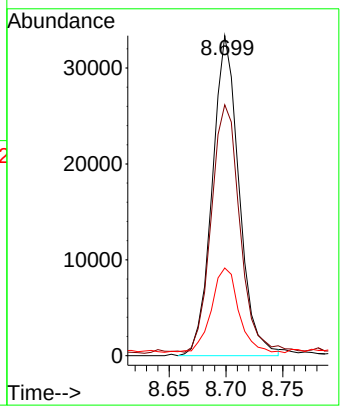


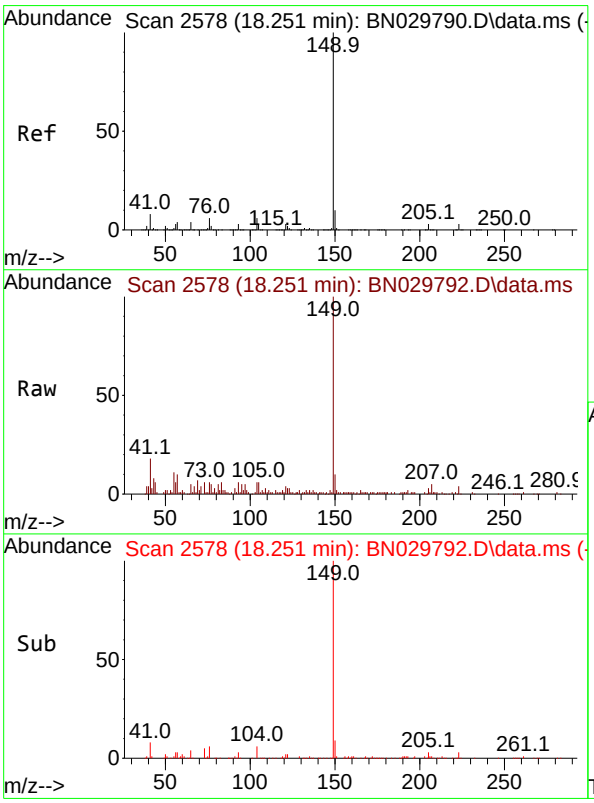
#16
Acetophenone
Concen: 2.805 ng/ul
RT: 8.699 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN029792.D
Acq: 15 Feb 2024 05:16

Instrument :
BNA_N
ClientSampleId :
C0FL2

Tgt Ion:105 Resp: 54830

Ion	Ratio	Lower	Upper
105	100		
77	78.4	67.4	101.0
51	27.4	20.7	31.1

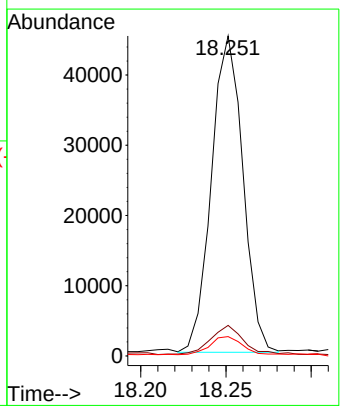


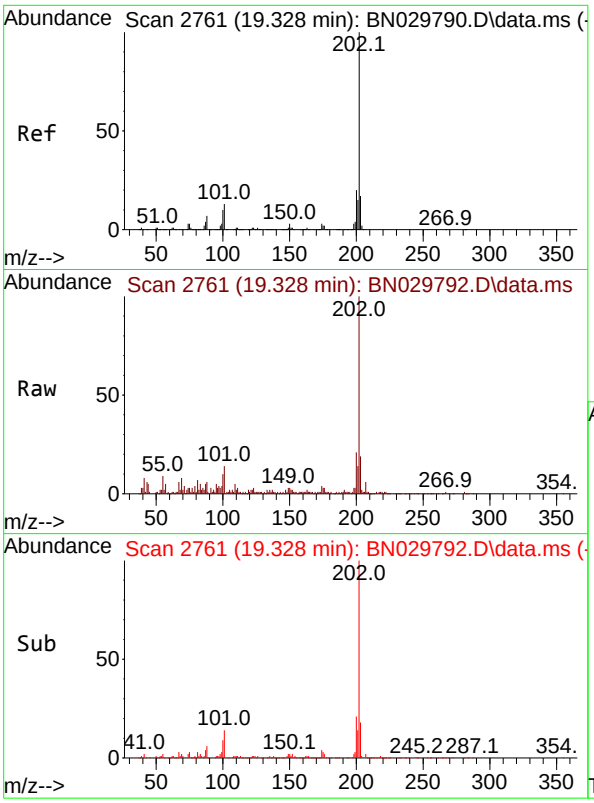


#78
Di-n-butylphthalate
Concen: 1.122 ng/ul
RT: 18.251 min Scan# 2578
Delta R.T. 0.000 min
Lab File: BN029792.D
Acq: 15 Feb 2024 05:16

Tgt Ion:149 Resp: 57979

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.0	10.4
104	6.1	4.7	7.1



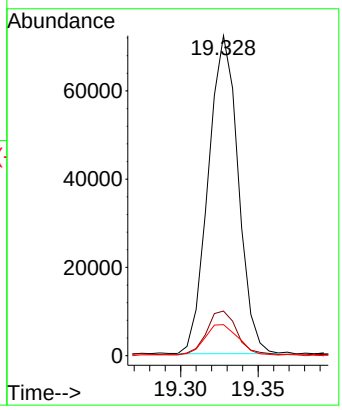


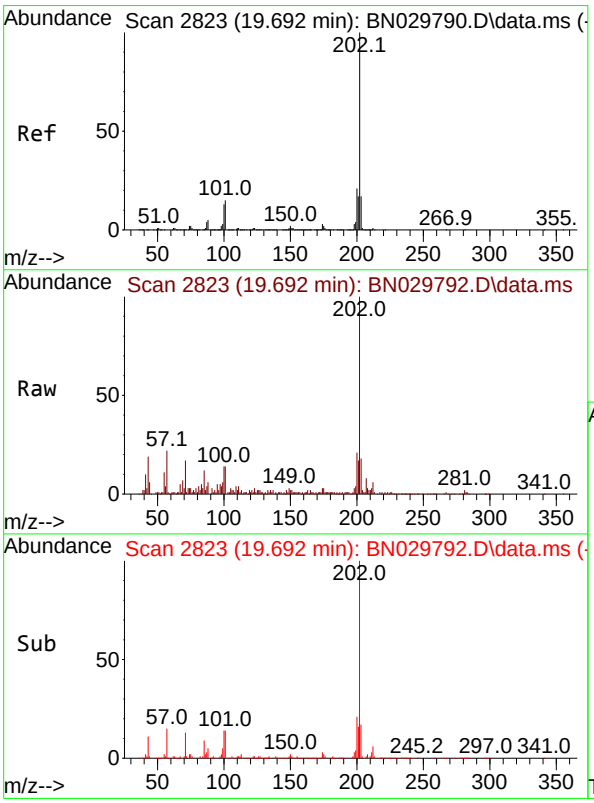
#80
Fluoranthene
Concen: 1.824 ng/ul
RT: 19.328 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029792.D
Acq: 15 Feb 2024 05:16

Instrument :
BNA_N
ClientSampleId :
C0FL2

Tgt Ion:202 Resp: 96860

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.1	16.7
100	9.7	8.9	13.3

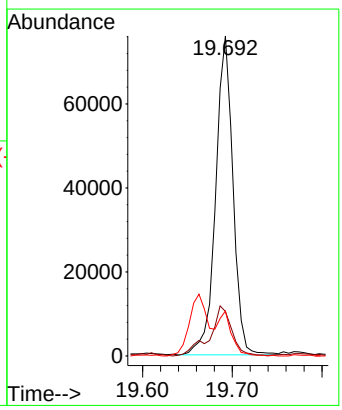


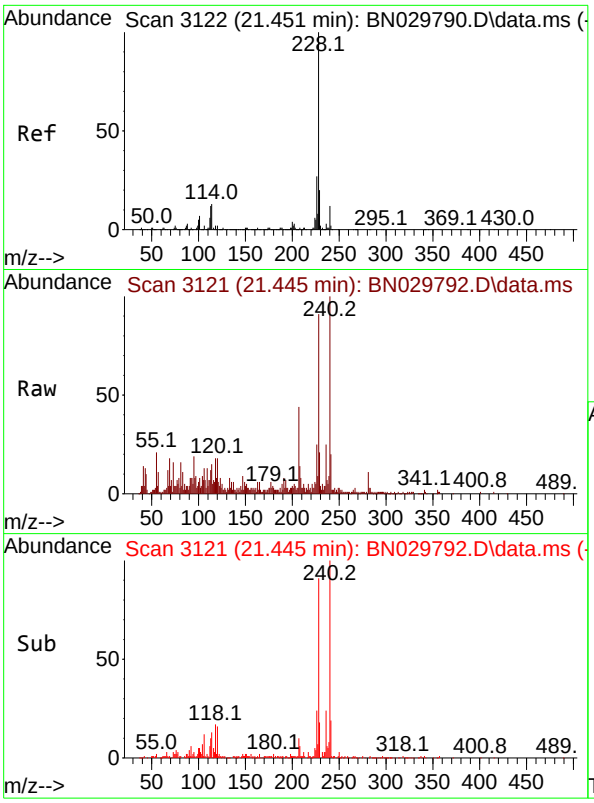


#82
Pyrene
Concen: 1.811 ng/ul
RT: 19.692 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BN029792.D
Acq: 15 Feb 2024 05:16

Tgt Ion:202 Resp: 101732

Ion	Ratio	Lower	Upper
202	100		
101	13.9	14.2	21.4#
100	14.0	11.4	17.2



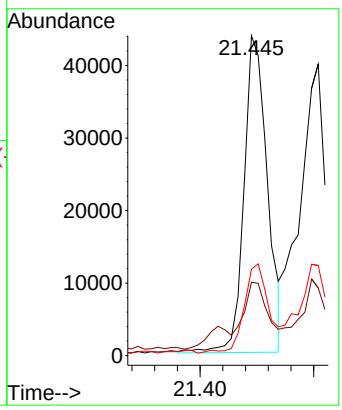


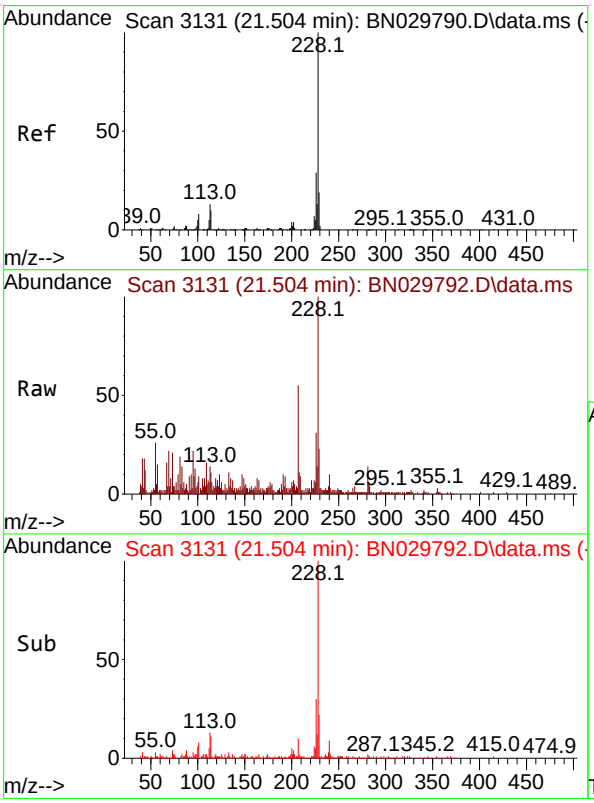
#85
Benzo(a)anthracene
Concen: 1.165 ng/ul
RT: 21.445 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN029792.D
Acq: 15 Feb 2024 05:16

Instrument :
BNA_N
ClientSampleId :
C0FL2

Tgt Ion:228 Resp: 62368

Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.0	22.6#
226	27.0	21.0	31.6

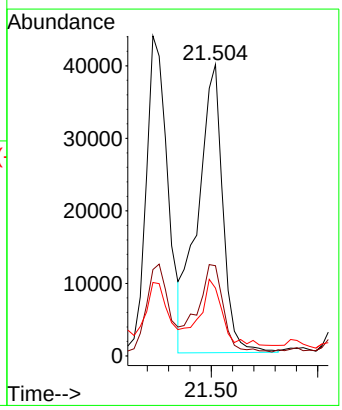


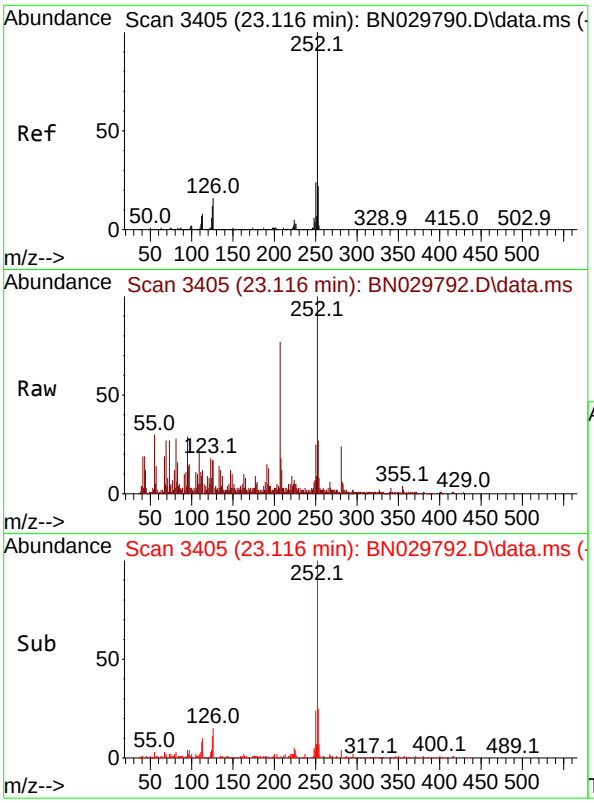


#87
Chrysene
Concen: 1.296 ng/ul
RT: 21.504 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BN029792.D
Acq: 15 Feb 2024 05:16

Tgt Ion:228 Resp: 65004

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	23.3	16.2	24.4



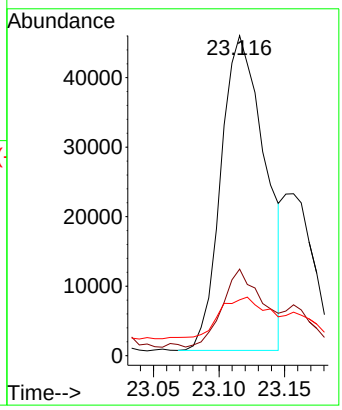


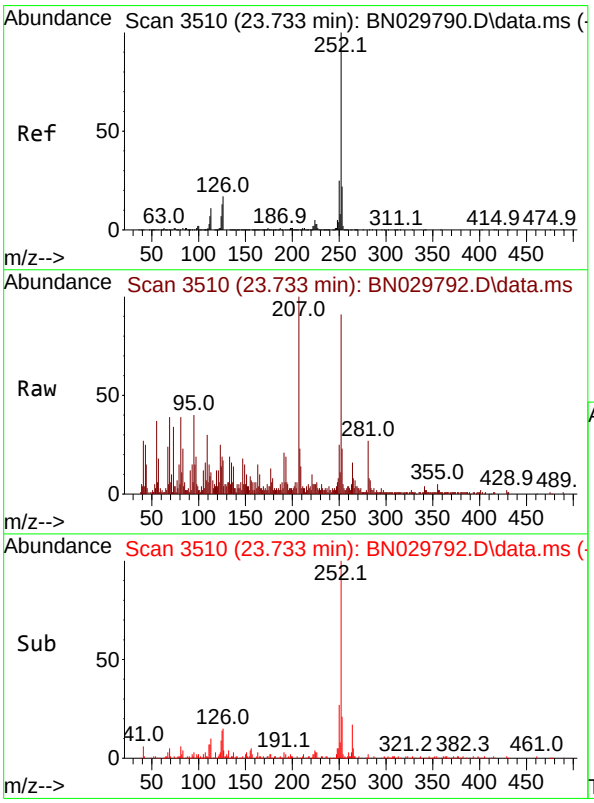
#90
Benzo(b)fluoranthene
Concen: 2.126 ng/ul
RT: 23.116 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN029792.D
Acq: 15 Feb 2024 05:16

Instrument :
BNA_N
ClientSampleId :
C0FL2

Tgt Ion:252 Resp: 105887

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.5	26.3#
125	17.4	11.1	16.7#

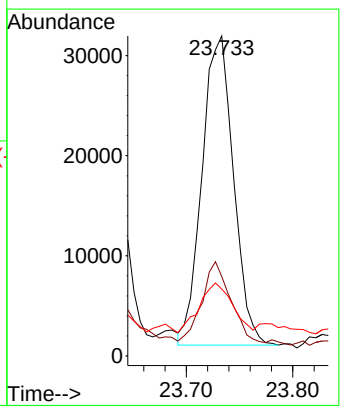


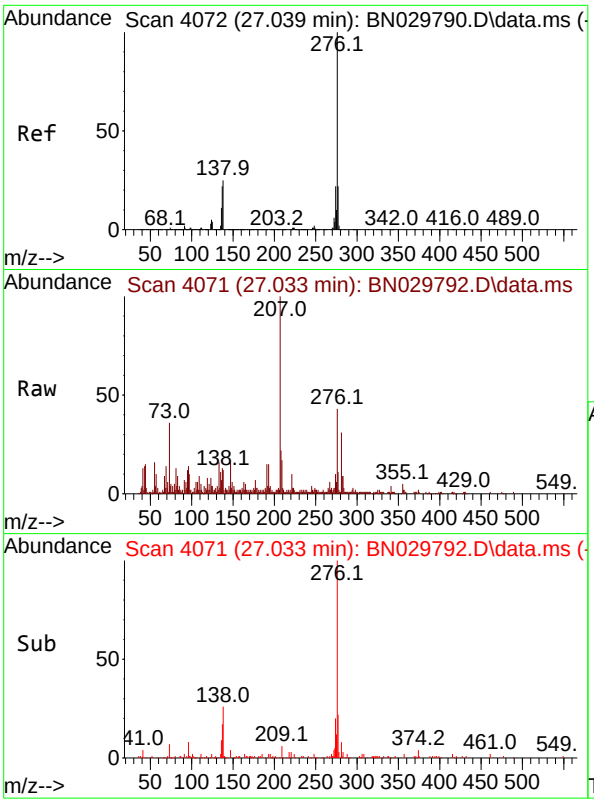


#93
Benzo(a)pyrene
Concen: 1.331 ng/ul
RT: 23.733 min Scan# 3510
Delta R.T. 0.006 min
Lab File: BN029792.D
Acq: 15 Feb 2024 05:16

Tgt Ion:252 Resp: 63561

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.8	28.2
125	20.9	12.2	18.2#





#96
Benzo(g,h,i)perylene
Concen: 1.102 ng/ul
RT: 27.033 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN029792.D
Acq: 15 Feb 2024 05:16

Instrument :
BNA_N
ClientSampleId :
C0FL2

Tgt Ion:276 Resp: 53618

Ion	Ratio	Lower	Upper
276	100		
138	28.8	23.9	35.9
277	24.5	18.6	28.0