

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
 Data File : BN029795.D
 Acq On : 15 Feb 2024 07:04
 Operator : MA/JU
 Sample : P1329-07
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0FL6

Quant Time: Feb 15 07:31:10 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

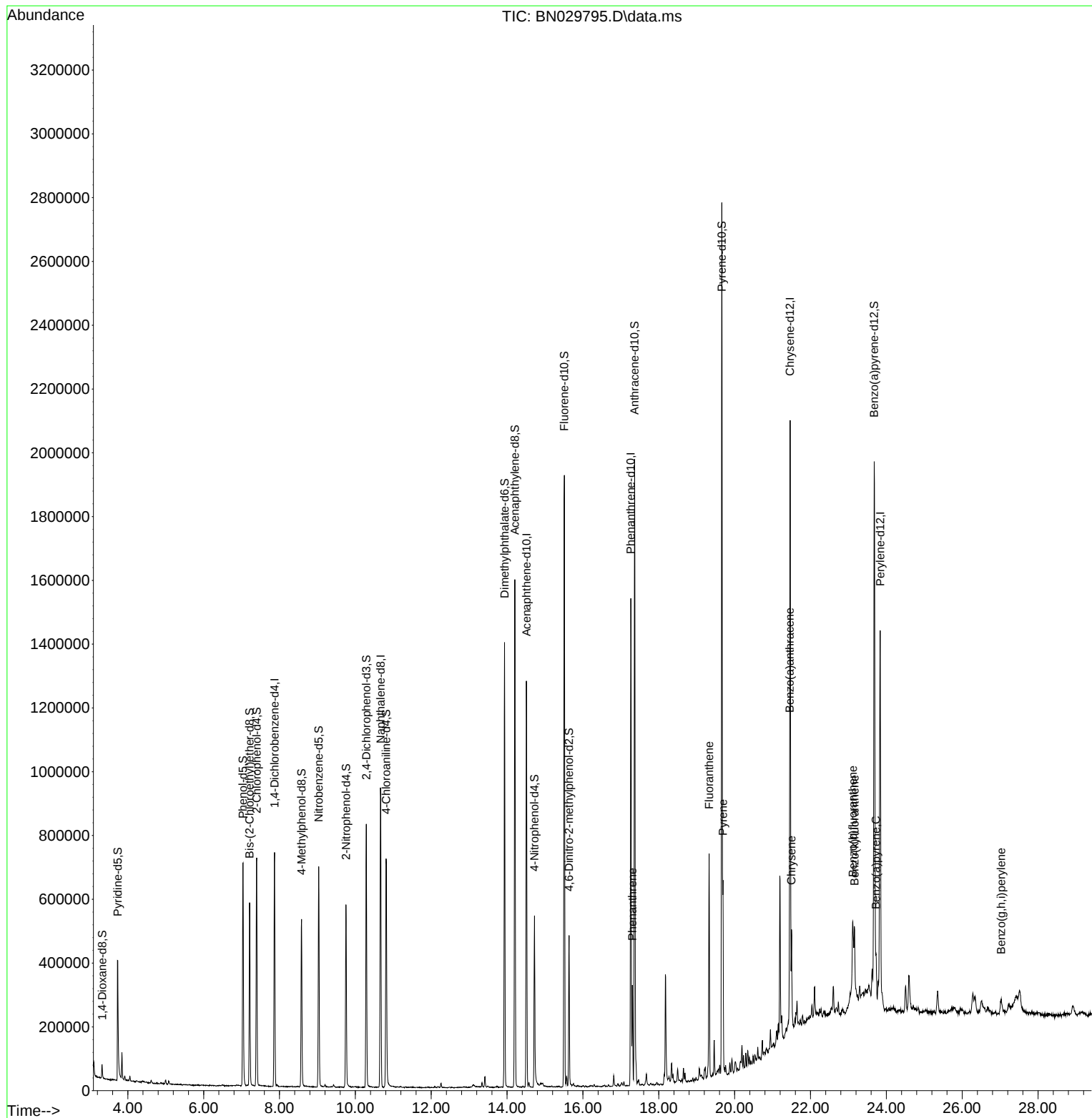
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	185568	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	762722	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	410270	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	835838	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	749382	20.000	ng/u1	0.00
88) Perylene-d12	23.839	264	855813	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	21078	3.736	ng/uL	0.00
4) Pyridine-d5	3.734	84	227527	15.122	ng/u1	0.00
7) Phenol-d5	7.034	99	397790	22.918	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	252785	21.822	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	314728	25.022	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	193840	14.974	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	156877	26.501	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	166495	32.294	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	270764	26.607	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	393334	22.656	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	829432	27.154	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	976092	26.909	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	122025	21.048	ng/u1	0.00
60) Fluorene-d10	15.510	176	713796	27.469	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	79167	19.439	ng/u1	0.00
73) Anthracene-d10	17.363	188	1017599	25.978	ng/u1	0.00
81) Pyrene-d10	19.663	212	1280002	28.463	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	1183365	27.633	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.304	178	171109	3.539	ng/u1	99
80) Fluoranthene	19.328	202	373900	6.844	ng/u1	95
82) Pyrene	19.692	202	319291	5.525	ng/u1#	92
85) Benzo(a)anthracene	21.451	228	163137	2.963	ng/u1	98
87) Chrysene	21.498	228	153339	2.972	ng/u1	98
90) Benzo(b)fluoranthene	23.116	252	169518	3.145	ng/u1	97
91) Benzo(k)fluoranthene	23.163	252	63853	1.157	ng/u1	100
93) Benzo(a)pyrene	23.727	252	107104	2.072	ng/u1	98
96) Benzo(g,h,i)perylene	27.027	276	54157	1.029	ng/u1	96

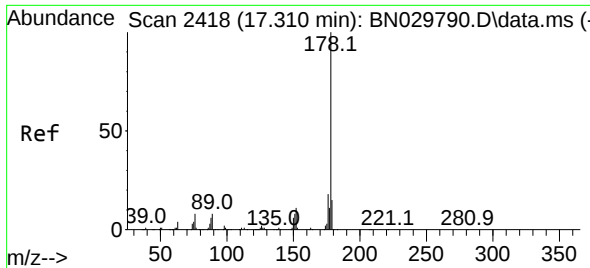
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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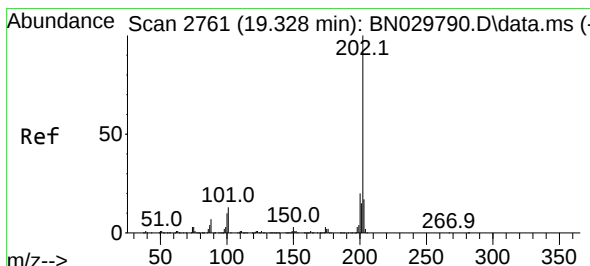
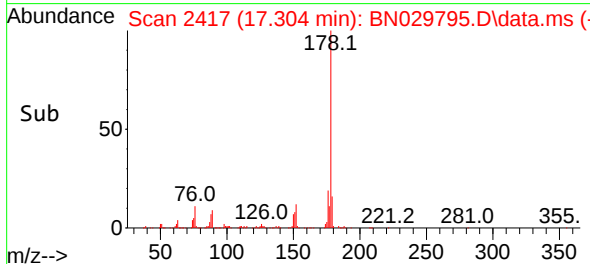
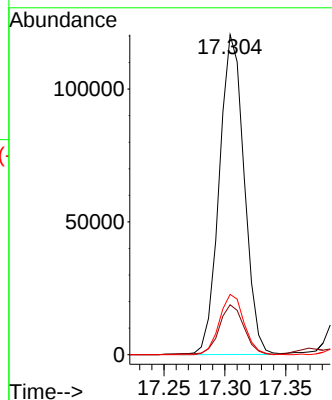
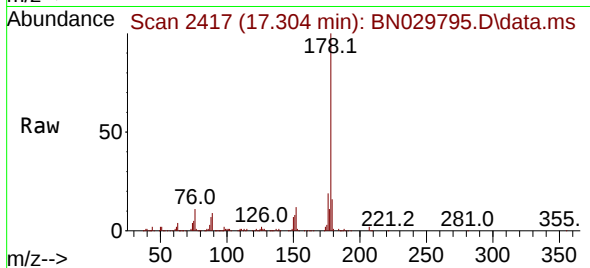




#72
Phenanthrene
Concen: 3.539 ng/ul
RT: 17.304 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BN029795.D
Acq: 15 Feb 2024 07:04

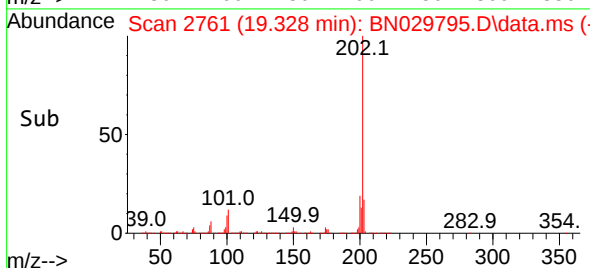
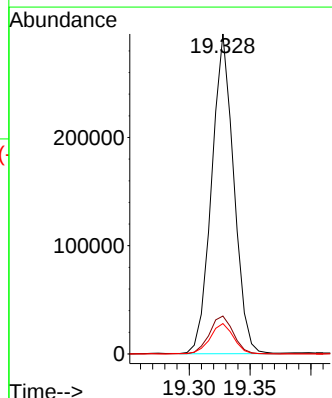
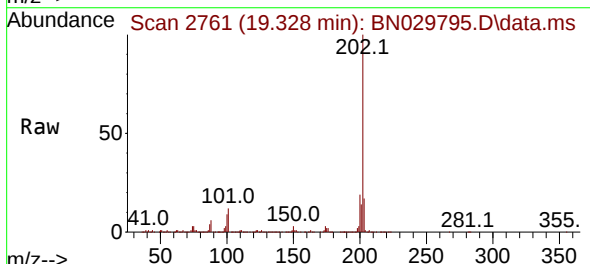
Instrument :
BNA_N
ClientSampleId :
C0FL6

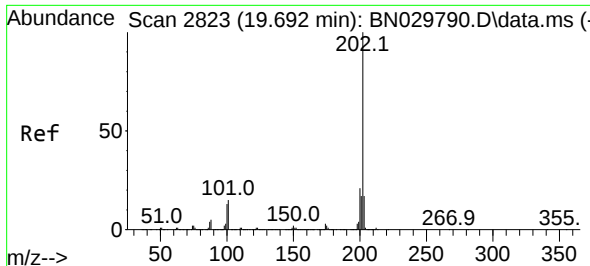
Tgt Ion:178 Resp: 171109
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 18.9 15.7 23.5



#80
Fluoranthene
Concen: 6.844 ng/ul
RT: 19.328 min Scan# 2761
Delta R.T. 0.000 min
Lab File: BN029795.D
Acq: 15 Feb 2024 07:04

Tgt Ion:202 Resp: 373900
Ion Ratio Lower Upper
202 100
101 11.9 11.1 16.7
100 9.5 8.9 13.3

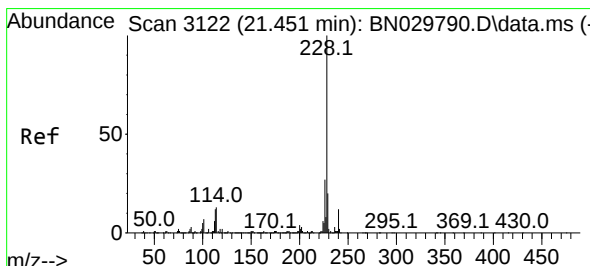
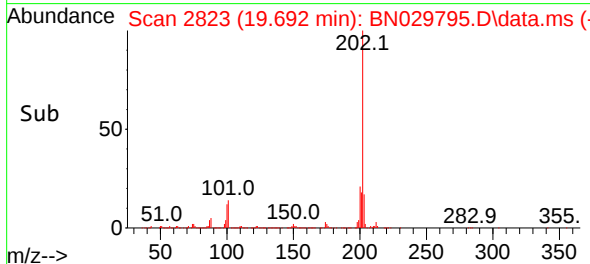
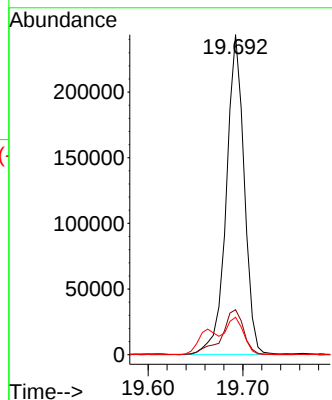
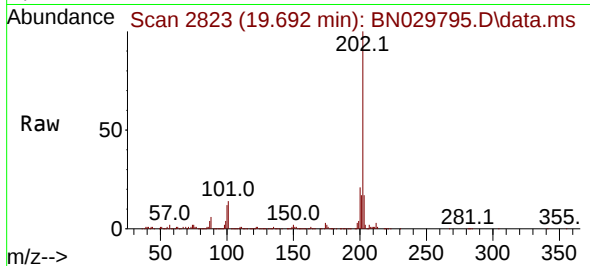




#82
 Pyrene
 Concen: 5.525 ng/ul
 RT: 19.692 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN029795.D
 Acq: 15 Feb 2024 07:04

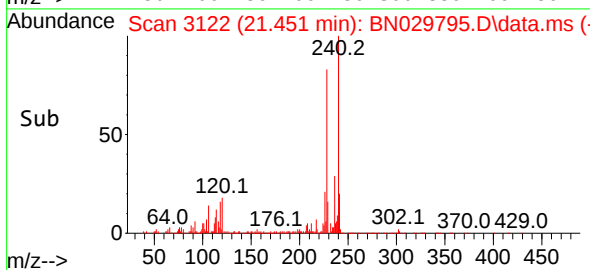
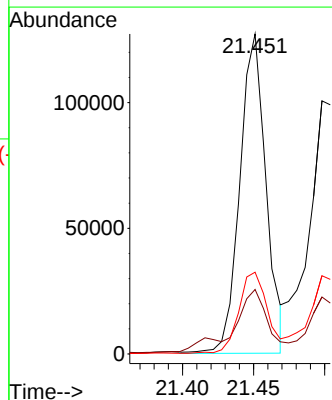
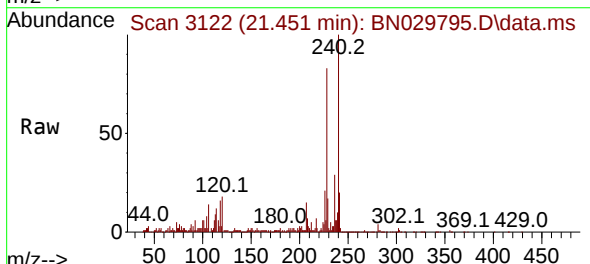
Instrument :
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 ClientSampleId :
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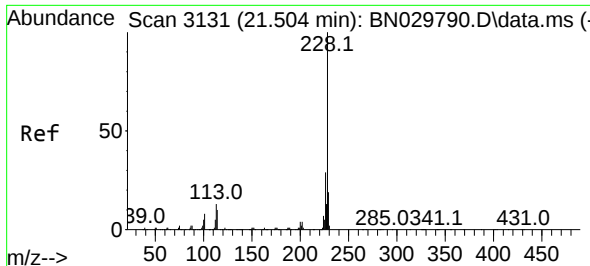
Tgt Ion:202 Resp: 319291
 Ion Ratio Lower Upper
 202 100
 101 14.0 14.2 21.4#
 100 11.7 11.4 17.2



#85
 Benzo(a)anthracene
 Concen: 2.963 ng/ul
 RT: 21.451 min Scan# 3122
 Delta R.T. 0.000 min
 Lab File: BN029795.D
 Acq: 15 Feb 2024 07:04

Tgt Ion:228 Resp: 163137
 Ion Ratio Lower Upper
 228 100
 229 20.1 15.0 22.6
 226 25.6 21.0 31.6

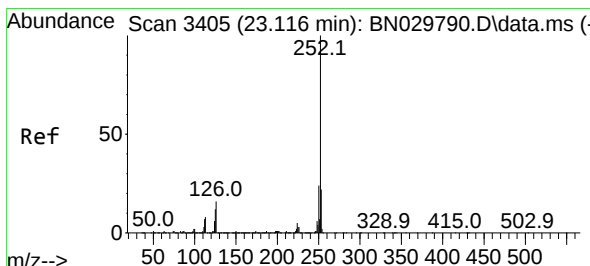
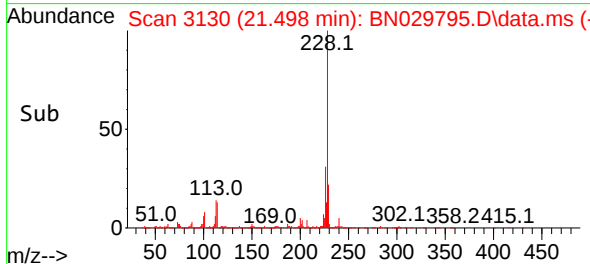
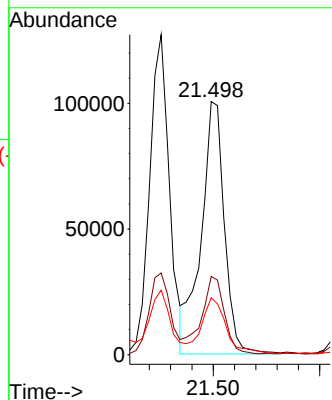
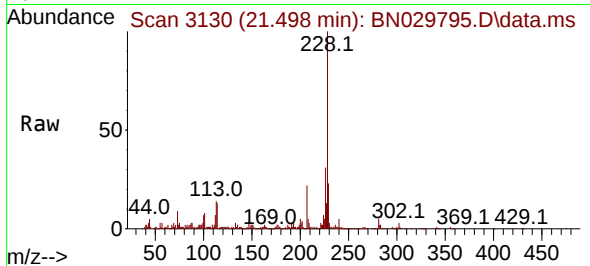




#87
Chrysene
Concen: 2.972 ng/ul
RT: 21.498 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BN029795.D
Acq: 15 Feb 2024 07:04

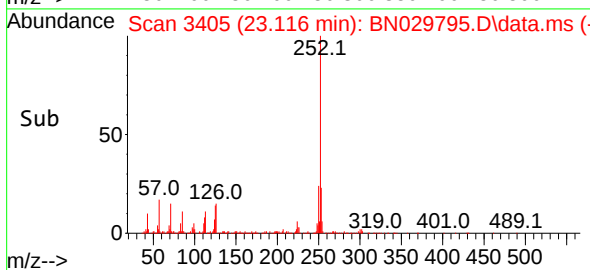
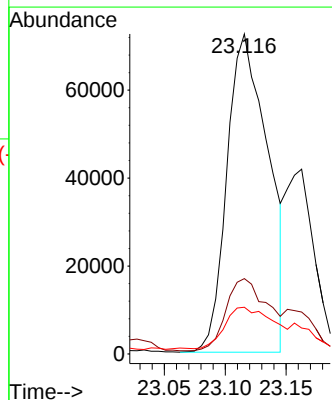
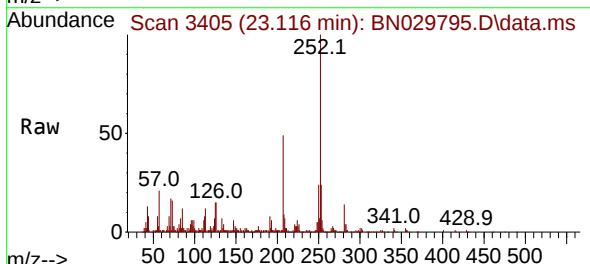
Instrument :
BNA_N
ClientSampleId :
C0FL6

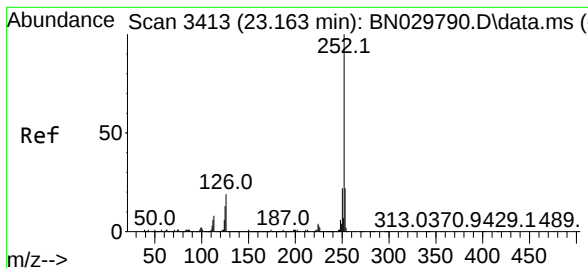
Tgt Ion:228 Resp: 153339
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 22.5 16.2 24.4



#90
Benzo(b)fluoranthene
Concen: 3.145 ng/ul
RT: 23.116 min Scan# 3405
Delta R.T. 0.000 min
Lab File: BN029795.D
Acq: 15 Feb 2024 07:04

Tgt Ion:252 Resp: 169518
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 14.6 11.1 16.7





#91

Benzo(k)fluoranthene

Concen: 1.157 ng/ul

RT: 23.163 min Scan# 3413

Delta R.T. -0.000 min

Lab File: BN029795.D

Acq: 15 Feb 2024 07:04

Instrument :

BNA_N

ClientSampleId :

C0FL6

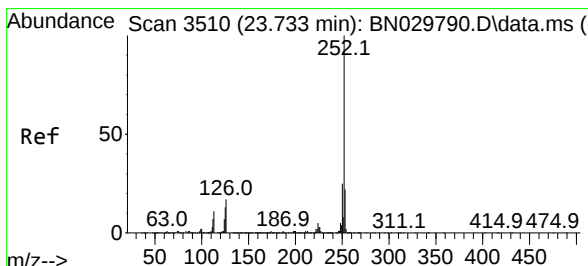
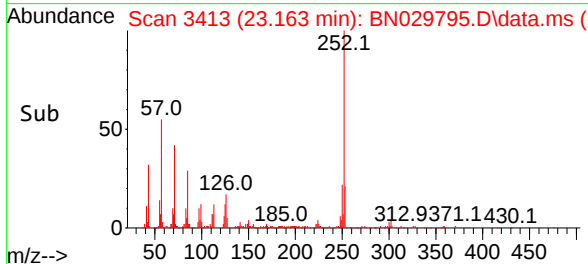
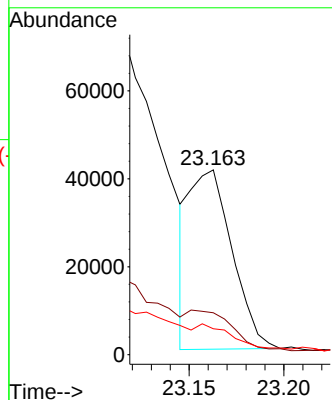
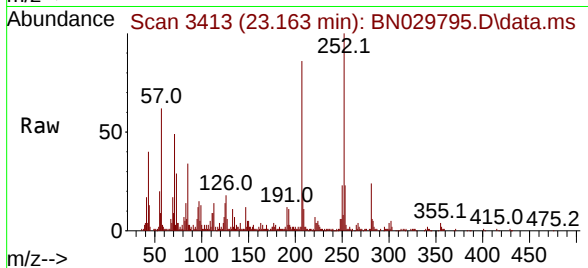
Tgt Ion:252 Resp: 63853

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

125 14.1 11.2 16.8



#93

Benzo(a)pyrene

Concen: 2.072 ng/ul

RT: 23.727 min Scan# 3509

Delta R.T. 0.000 min

Lab File: BN029795.D

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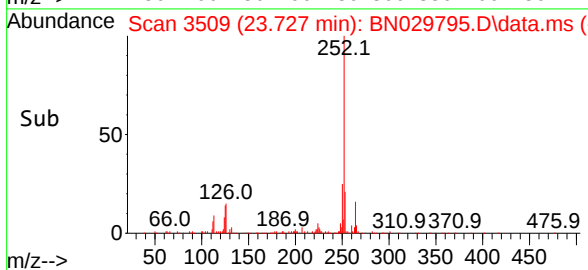
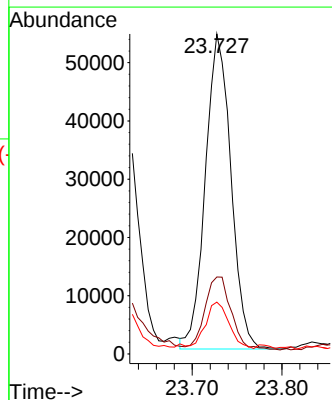
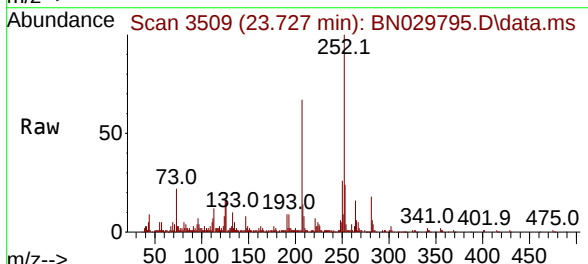
Tgt Ion:252 Resp: 107104

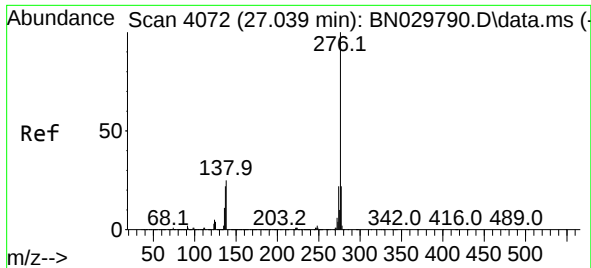
Ion Ratio Lower Upper

252 100

253 24.0 18.8 28.2

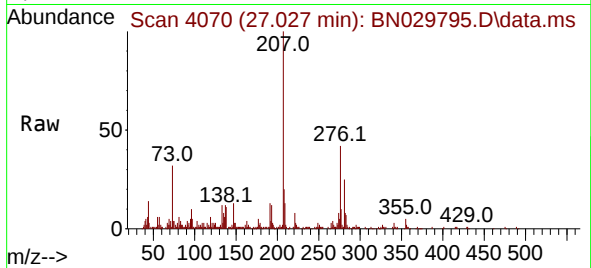
125 16.2 12.2 18.2





#96
 Benzo(g,h,i)perylene
 Concen: 1.029 ng/ul
 RT: 27.027 min Scan# 4070
 Delta R.T. -0.006 min
 Lab File: BN029795.D
 Acq: 15 Feb 2024 07:04

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Tgt Ion:	276	Resp:	54157
Ion Ratio	Lower	Upper	
276	100		
138	26.8	23.9	35.9
277	24.2	18.6	28.0

