Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060722\
Data File : BN020028.D
Acq On : 07 Jun 2022 14:14
Operator : CG/JU
Sample : N3171-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBTY4

Quant Time: Jun 07 14:41:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 06 15:14:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	121266	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.604	136	557621	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.445	164	373306	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	808211	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	768584	20.000	ng/ul	0.00
88) Perylene-d12	23.715	264	813498	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	13862	4.951	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.981	99	304170	30.313	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	182799	29.158	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.346	132	249969	30.659	ng/ul	-0.01
15) 4-Methylphenol-d8	8.516	113	257341	29.643	ng/ul	-0.01
21) Nitrobenzene-d5	8.963	128	128490	30.288	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.687	143	136789	30.383	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.222	165	243719	31.009	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.740	131	275910	21.678	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	898817	33.091	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	979903	31.108	ng/ul	0.00
54) 4-Nitrophenol-d4	14.640	143	171529	31.514	ng/ul	0.00
60) Fluorene-d10	15.439	176	747242	33.245	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	145514	31.082	ng/ul	0.00
73) Anthracene-d10	17.286	188	1191642	33.784	ng/ul	0.00
81) Pyrene-d10	19.586	212	1389909	33.358	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.568	264	1383039	34.747	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.657	128	533547	18.462	ng/ul	100
37) 1-Methylnaphthalene	12.487	142	506152	25.386	ng/ul	96
52) Acenaphthene	14.510	153	531886	23.348	ng/ul	99
71) Pentachlorophenol	16.845	266	224347	44.521	ng/ul	96
72) Phenanthrene	17.233	178	877606	20.576	ng/ul	99
74) Anthracene	17.322	178	1012848	23.616	ng/ul	98
80) Fluoranthene	19.251	202	2141947	42.564	ng/ul	97
82) Pyrene	19.616	202	1573192	30.472	ng/ul	96
85) Benzo(a)anthracene	21.369	228	1863695	38.400	ng/ul	97
87) Chrysene	21.422	228	1292716	27.225	ng/ul	98
90) Benzo(b)fluoranthene	23.010	252	1416063	27.735	ng/ul	98
93) Benzo(a)pyrene	23.616	252	1247186	25.236	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.109	276	1680043	33.041	ng/ul	93
95) Dibenzo(a,h)anthracene	26.133	278	1063699	24.492	ng/ul	99

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

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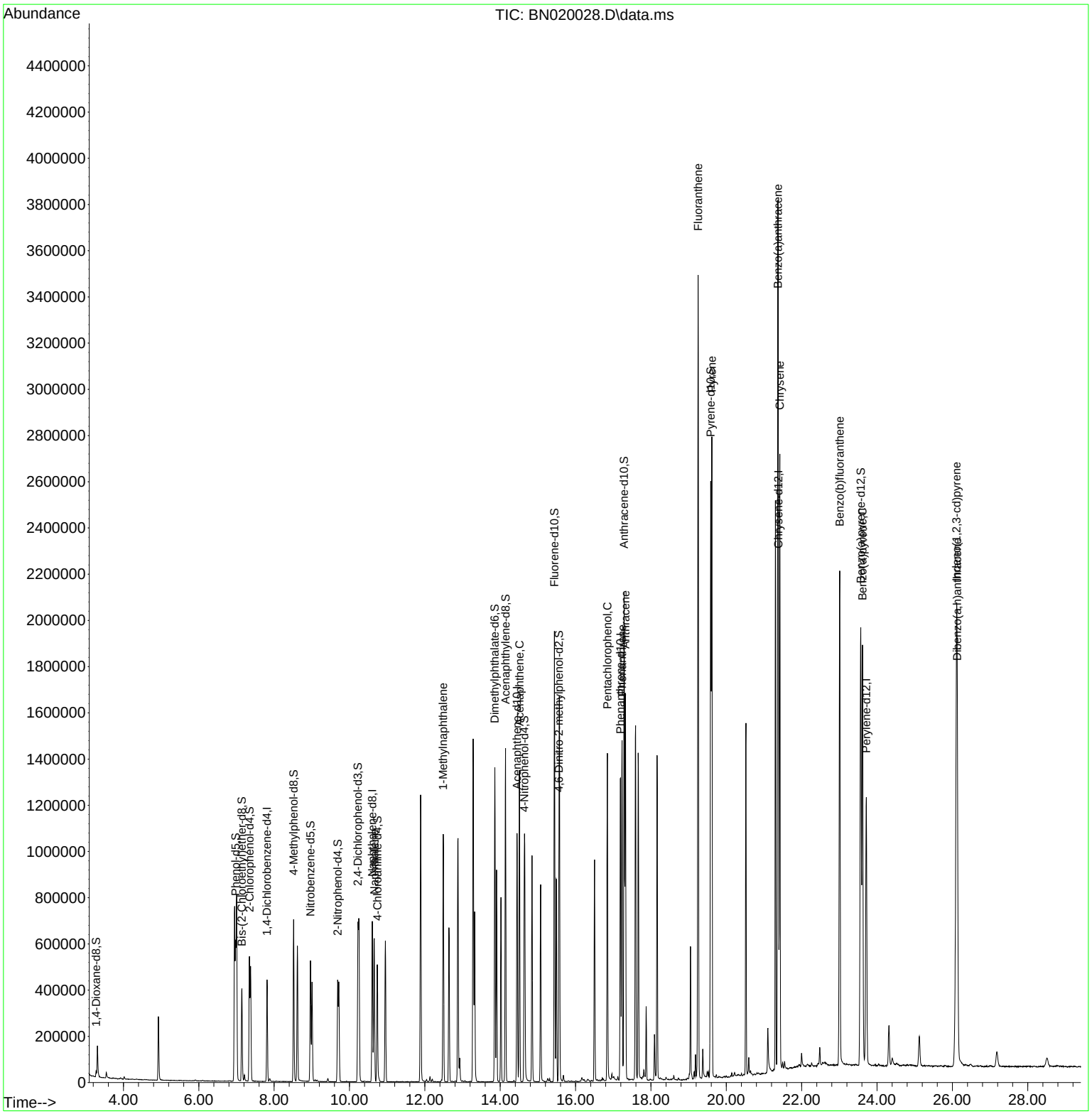
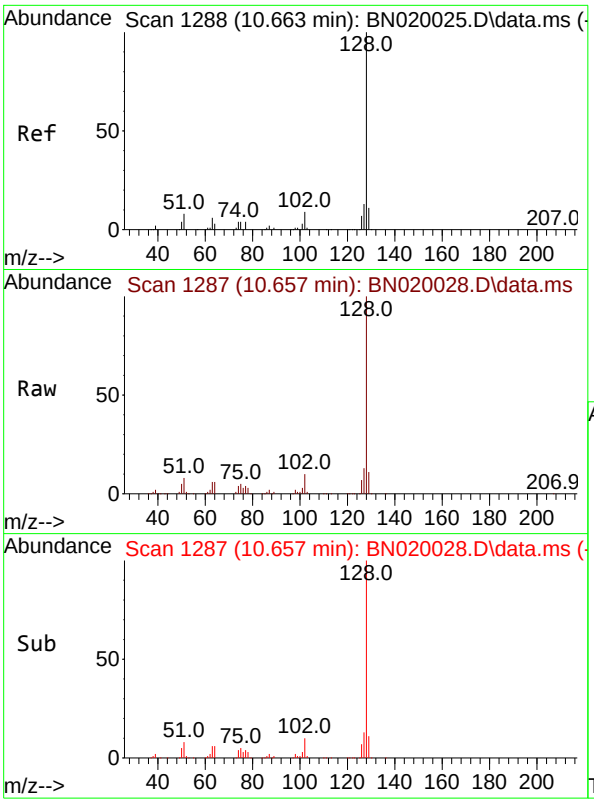
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 06 15:14:59 2022
Response via : Initial Calibration



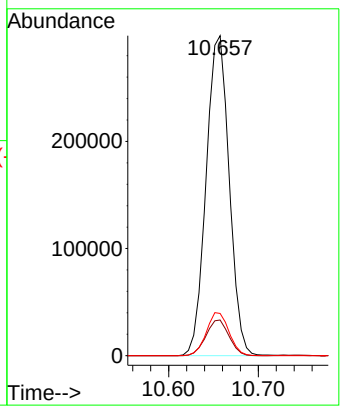


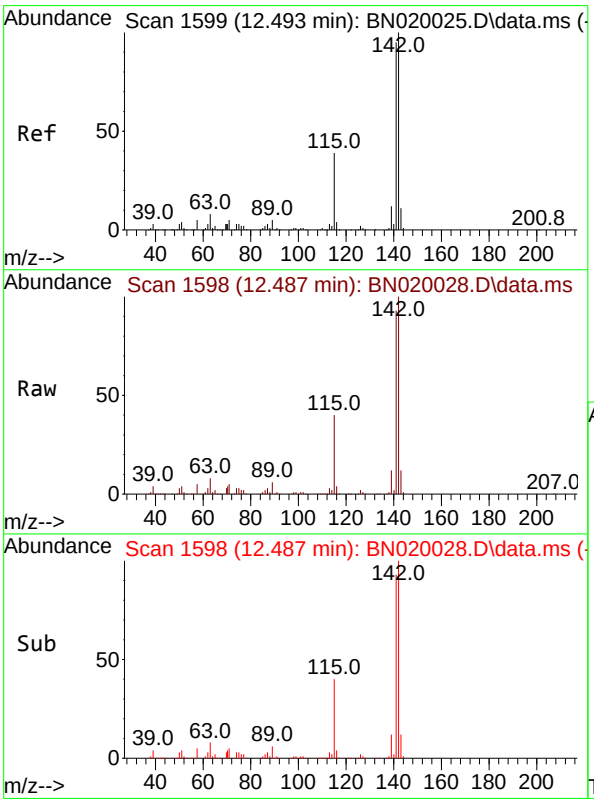
#30
Naphthalene
Concen: 18.462 ng/ul
RT: 10.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN020028.D
Acq: 07 Jun 2022 14:14

Instrument :
BNA_N
ClientSampleId :
DBTY4

Tgt Ion:128 Resp: 533547

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.2	10.6	16.0

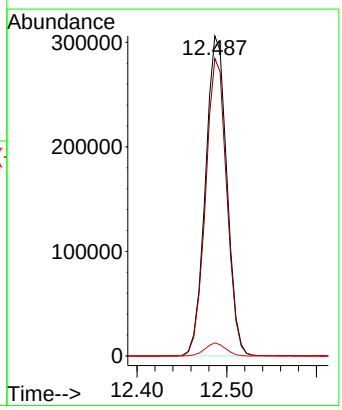


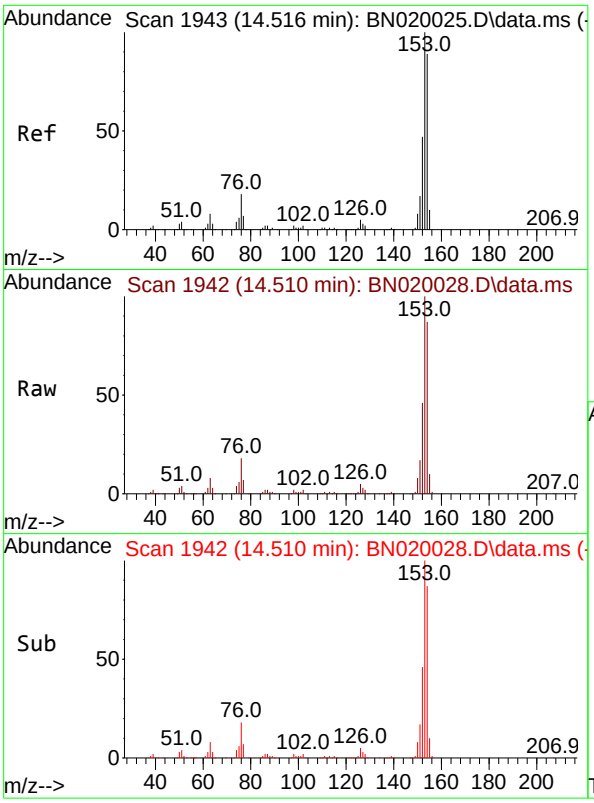


#37
1-Methylnaphthalene
Concen: 25.386 ng/ul
RT: 12.487 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BN020028.D
Acq: 07 Jun 2022 14:14

Tgt Ion:142 Resp: 506152

Ion	Ratio	Lower	Upper
142	100		
141	92.9	70.9	106.3
116	4.1	3.1	4.7



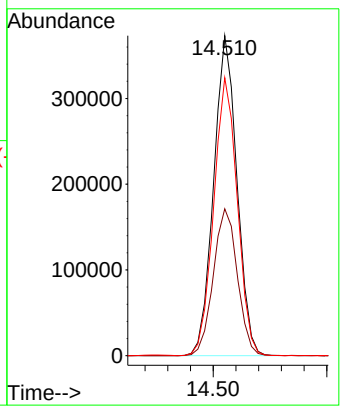


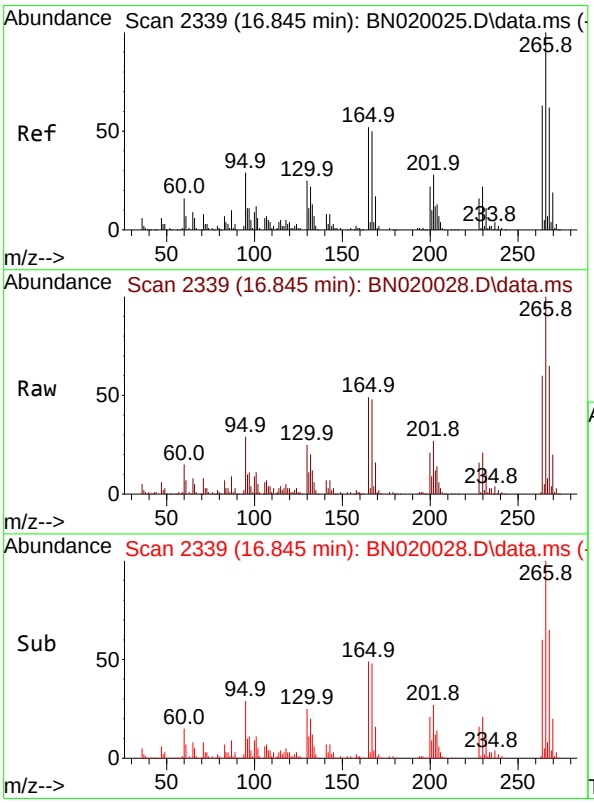
#52
Acenaphthene
Concen: 23.348 ng/ul
RT: 14.510 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN020028.D
Acq: 07 Jun 2022 14:14

Instrument :
BNA_N
ClientSampleId :
DBTY4

Tgt Ion:153 Resp: 531886

Ion	Ratio	Lower	Upper
153	100		
152	45.9	38.4	57.6
154	86.8	69.7	104.5

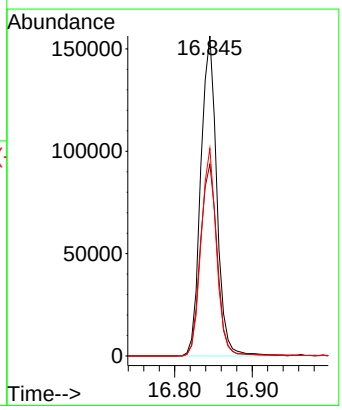


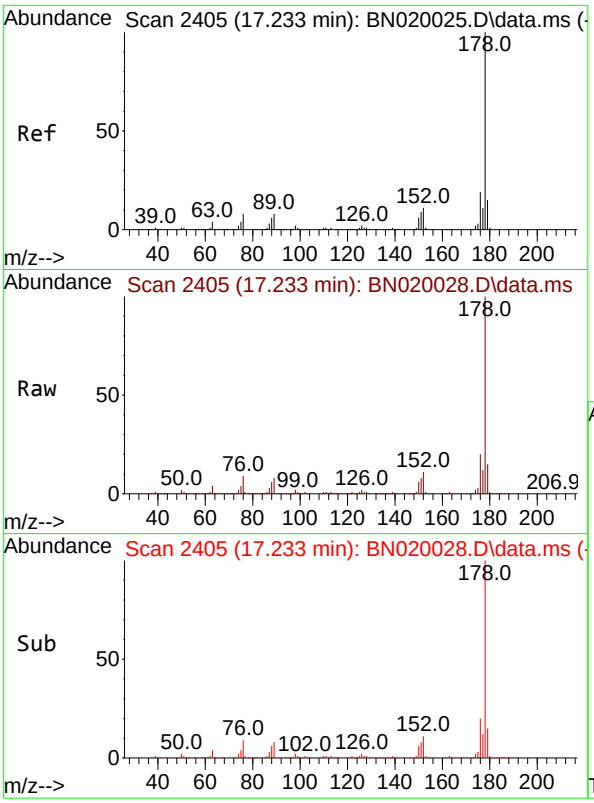


#71
Pentachlorophenol
Concen: 44.521 ng/ul
RT: 16.845 min Scan# 2339
Delta R.T. 0.000 min
Lab File: BN020028.D
Acq: 07 Jun 2022 14:14

Tgt Ion:266 Resp: 224347

Ion	Ratio	Lower	Upper
266	100		
264	60.0	50.2	75.2
268	64.8	49.3	73.9



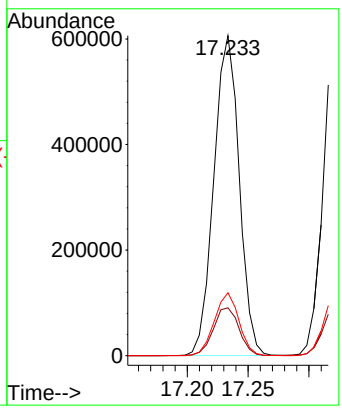


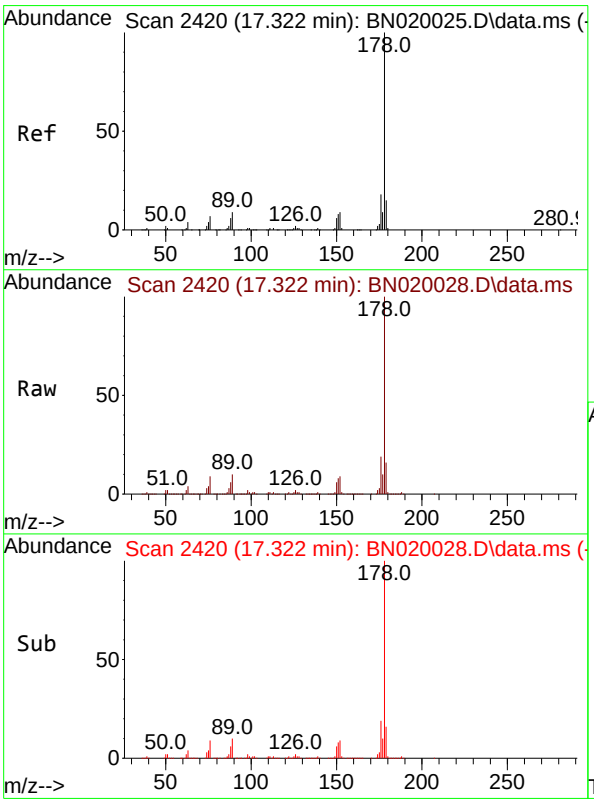
#72
Phenanthrene
Concen: 20.576 ng/ul
RT: 17.233 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020028.D
Acq: 07 Jun 2022 14:14

Instrument :
BNA_N
ClientSampleId :
DBTY4

Tgt Ion:178 Resp: 877606

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	19.7	15.2	22.8

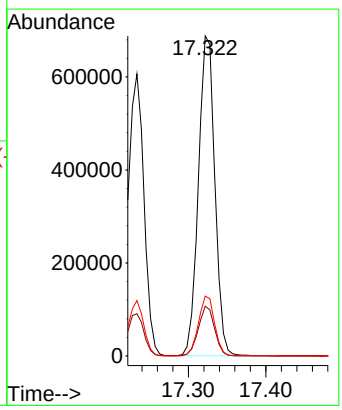


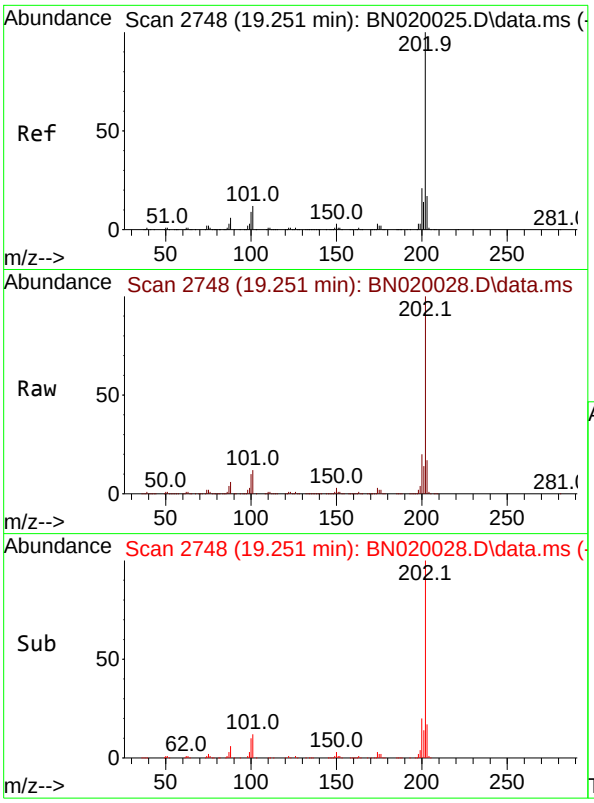


#74
Anthracene
Concen: 23.616 ng/ul
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BN020028.D
Acq: 07 Jun 2022 14:14

Tgt Ion:178 Resp: 1012848

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.4
176	18.7	15.5	23.3



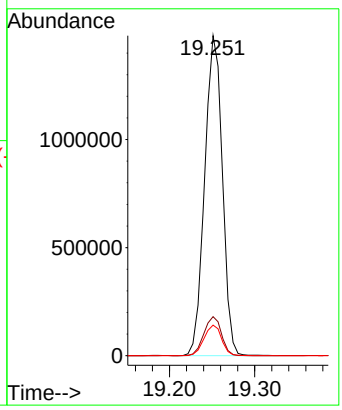


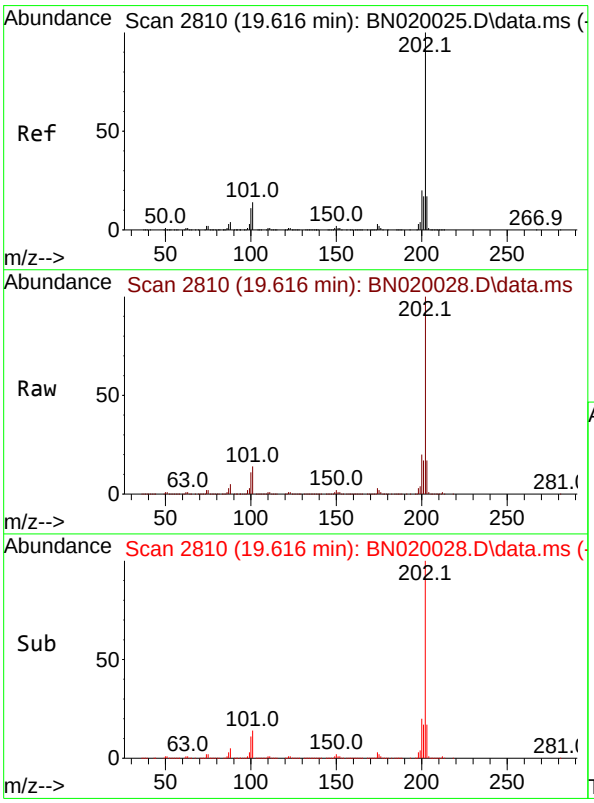
#80
Fluoranthene
Concen: 42.564 ng/ul
RT: 19.251 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020028.D
Acq: 07 Jun 2022 14:14

Instrument :
BNA_N
ClientSampleId :
DBTY4

Tgt Ion:202 Resp: 2141947

Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.9	13.3
100	9.6	6.7	10.1

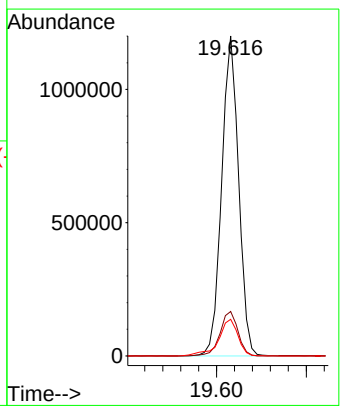


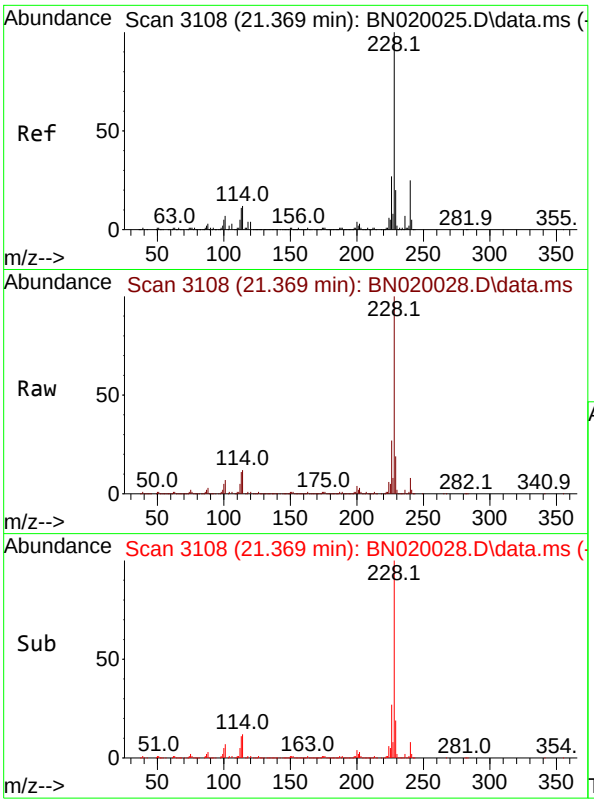


#82
Pyrene
Concen: 30.472 ng/ul
RT: 19.616 min Scan# 2810
Delta R.T. 0.000 min
Lab File: BN020028.D
Acq: 07 Jun 2022 14:14

Tgt Ion:202 Resp: 1573192

Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.7	14.5
100	11.5	8.0	12.0



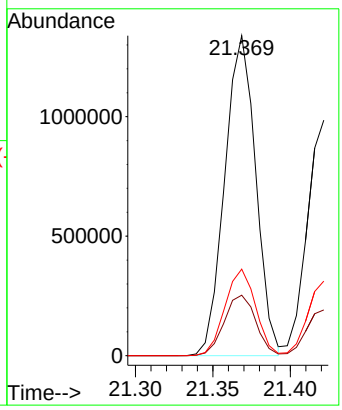


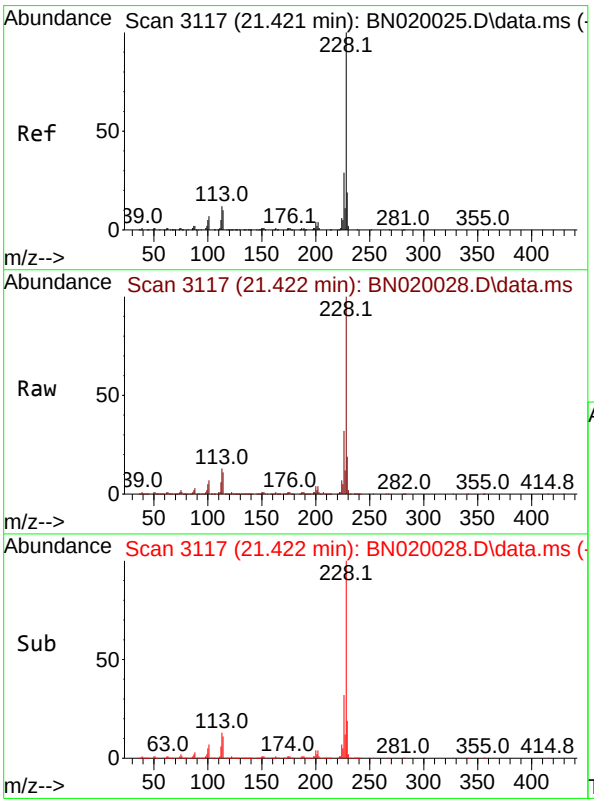
#85
Benzo(a)anthracene
Concen: 38.400 ng/ul
RT: 21.369 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN020028.D
Acq: 07 Jun 2022 14:14

Instrument :
BNA_N
ClientSampleId :
DBTY4

Tgt Ion:228 Resp: 1863695

Ion	Ratio	Lower	Upper
228	100		
229	18.9	16.3	24.5
226	27.1	23.2	34.8

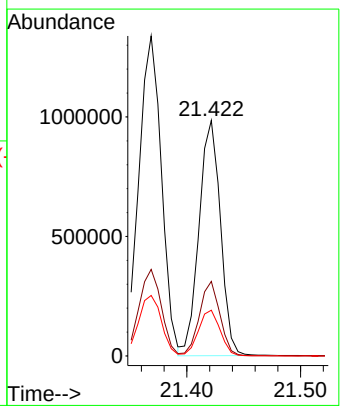


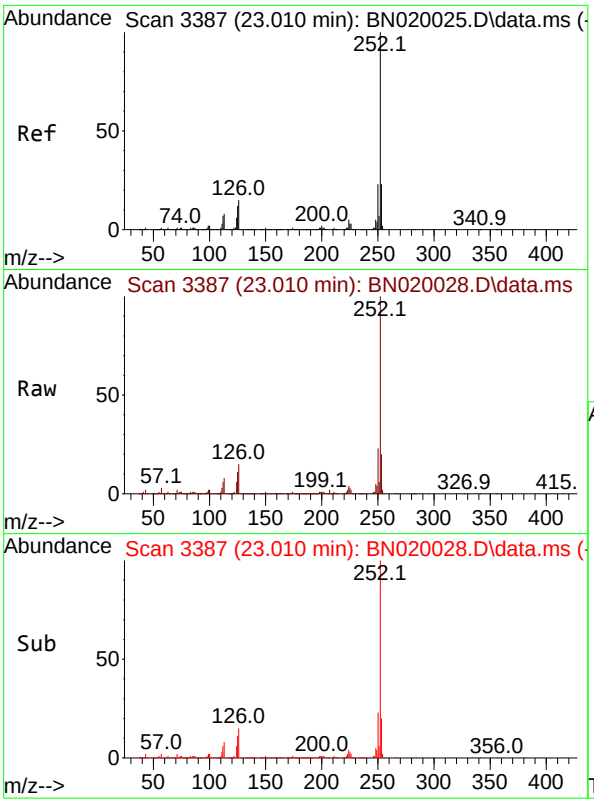


#87
Chrysene
Concen: 27.225 ng/ul
RT: 21.422 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BN020028.D
Acq: 07 Jun 2022 14:14

Tgt Ion:228 Resp: 1292716

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.2	36.2
229	19.4	16.2	24.2



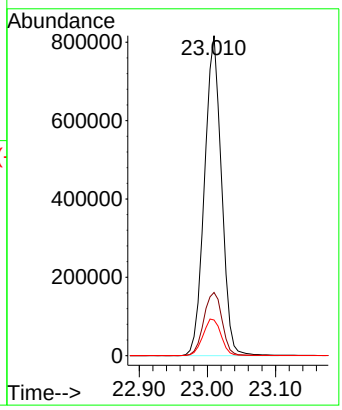


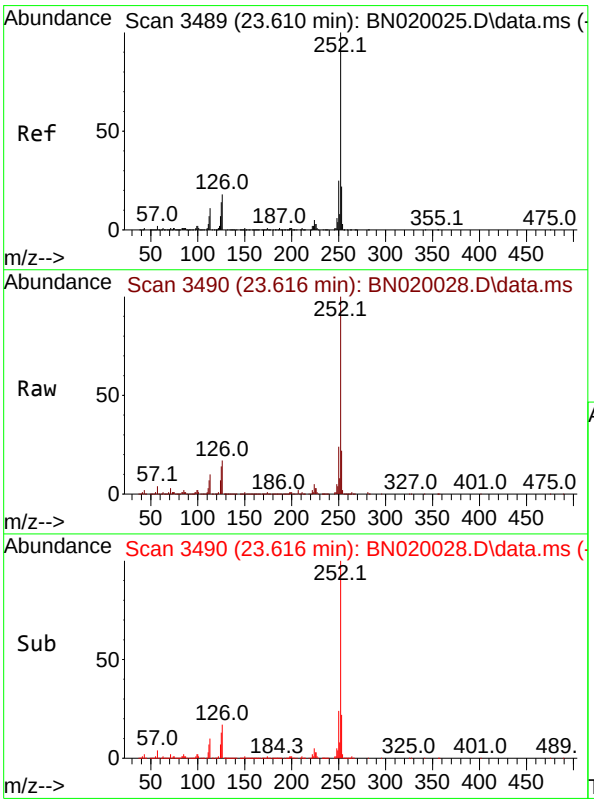
#90
Benzo(b)fluoranthene
Concen: 27.735 ng/ul
RT: 23.010 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN020028.D
Acq: 07 Jun 2022 14:14

Instrument :
BNA_N
ClientSampleId :
DBTY4

Tgt Ion:252 Resp: 1416063

Ion	Ratio	Lower	Upper
252	100		
253	19.8	16.5	24.7
125	11.2	7.8	11.8

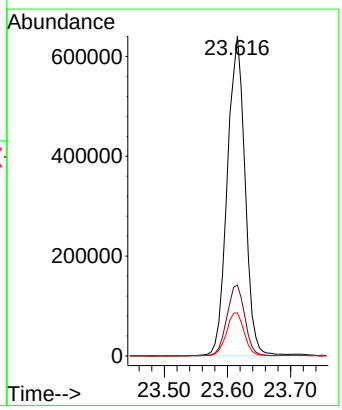


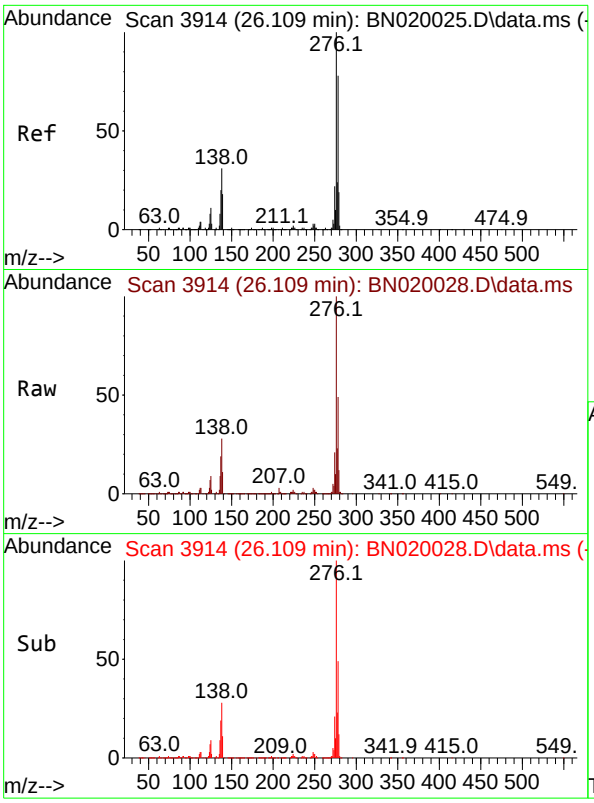


#93
Benzo(a)pyrene
Concen: 25.236 ng/ul
RT: 23.616 min Scan# 3490
Delta R.T. 0.006 min
Lab File: BN020028.D
Acq: 07 Jun 2022 14:14

Tgt Ion:252 Resp: 1247186

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.7	28.1
125	13.5	9.2	13.8



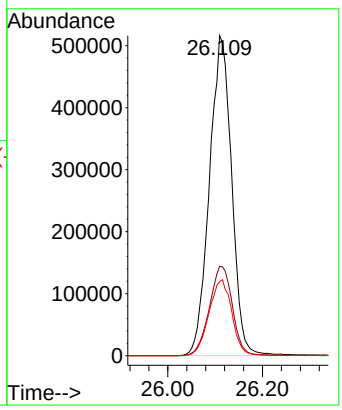


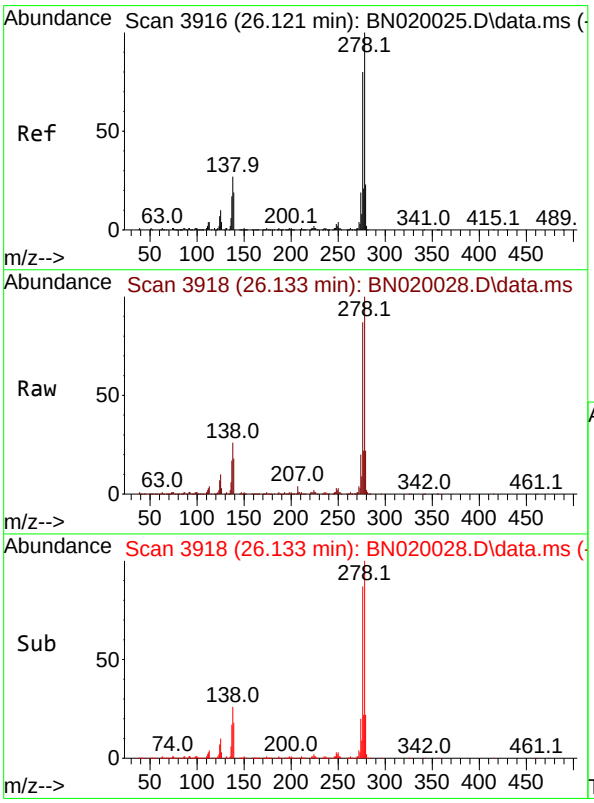
#94
Indeno(1,2,3-cd)pyrene
Concen: 33.041 ng/ul
RT: 26.109 min Scan# 3
Delta R.T. 0.012 min
Lab File: BN020028.D
Acq: 07 Jun 2022 14:14

Instrument :
BNA_N
ClientSampleId :
DBTY4

Tgt Ion:276 Resp: 1680043

Ion	Ratio	Lower	Upper
276	100		
138	28.0	19.5	29.3
277	23.2	21.4	32.0





#95
Dibenzo(a,h)anthracene
Concen: 24.492 ng/ul
RT: 26.133 min Scan# 3918
Delta R.T. 0.012 min
Lab File: BN020028.D
Acq: 07 Jun 2022 14:14

Tgt Ion:278 Resp: 1063699

Ion	Ratio	Lower	Upper
278	100		
139	17.8	13.8	20.8
279	22.2	18.3	27.5