Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051723\
Data File : BN025467.D
Acq On : 17 May 2023 23:28
Operator : CG/JU
Sample : 02816-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-11-051623

Quant Time: May 18 03:42:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 03:36:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.084	152	5122	0.400	ng		0.00
7) Naphthalene-d8	10.910	136	15262	0.400	ng	#	0.00
13) Acenaphthene-d10	14.715	164	9050	0.400	ng		0.00
19) Phenanthrene-d10	17.460	188	20811	0.400	ng	#	0.00
29) Chrysene-d12	21.643	240	17823	0.400	ng	#	0.00
35) Perylene-d12	24.179	264	17804	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.622	112	3172	0.288	ng		0.00
5) Phenol-d6	7.225	99	4463	0.302	ng		0.00
8) Nitrobenzene-d5	9.244	82	2734	0.262	ng		0.00
11) 2-Methylnaphthalene-d10	12.483	152	5120	0.240	ng		0.00
14) 2,4,6-Tribromophenol	16.194	330	877	0.286	ng		0.00
15) 2-Fluorobiphenyl	13.347	172	7787	0.235	ng		0.00
27) Fluoranthene-d10	19.477	212	11982	0.242	ng		0.00
31) Terphenyl-d14	20.067	244	8315	0.257	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.462	88	1229	0.256	ng	#	91
3) n-Nitrosodimethylamine	3.859	42	10	Below Cal		#	1
6) bis(2-Chloroethyl)ether	7.434	93	345	Below Cal		#	38
20) 4,6-Dinitro-2-methylph...	15.821	198	5	0.134	ng	#	1
24) Pentachlorophenol	17.100	266	28	0.210	ng	#	74
25) Phenanthrene	17.497	178	6491	0.111	ng		98
28) Fluoranthene	19.507	202	19573	0.282	ng	#	98
30) Pyrene	19.869	202	16256	0.239	ng		97
32) Benzo(a)anthracene	21.625	228	5859	0.094	ng		95
33) Chrysene	21.679	228	8591	0.138	ng		96
34) Bis(2-ethylhexyl)phtha...	21.545	149	5682	0.155	ng		100
36) Indeno(1,2,3-cd)pyrene	26.834	276	5750	0.080	ng		95
37) Benzo(b)fluoranthene	23.398	252	13271	0.213	ng	#	88
39) Benzo(a)pyrene	24.056	252	6674	0.112	ng	#	79
41) Benzo(g,h,i)perylene	27.649	276	6135	0.101	ng	#	88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051723\
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CB-22-K2-SO-11-051623

Quant Time: May 18 03:42:33 2023
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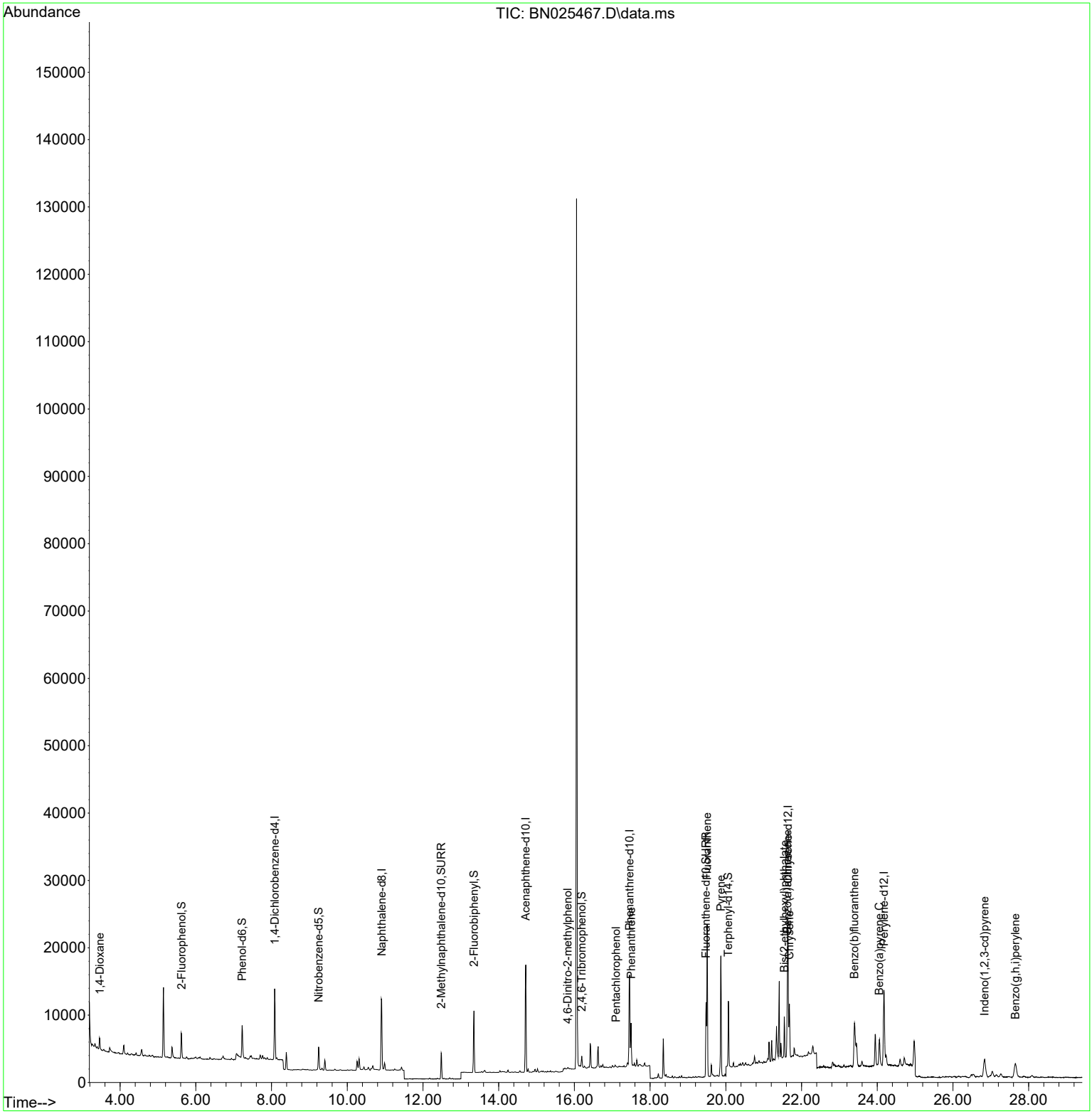
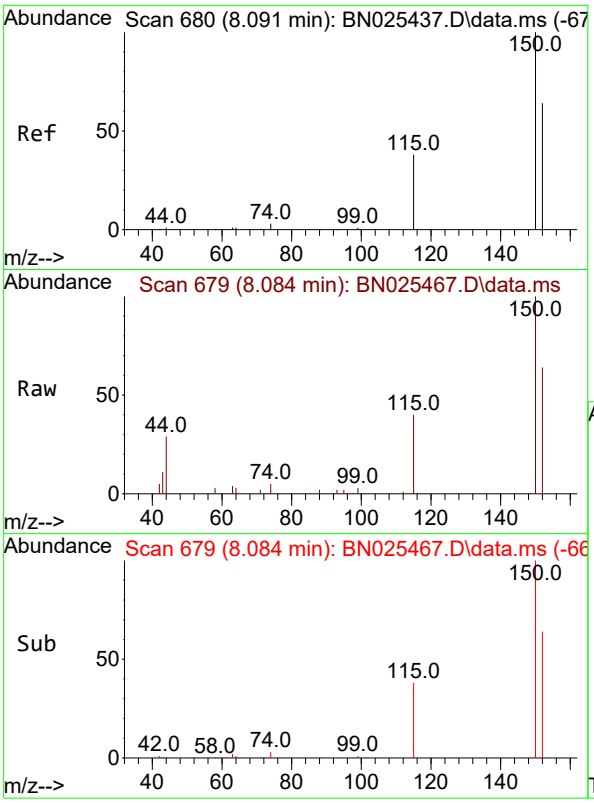
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 03:36:39 2023
Response via : Initial Calibration



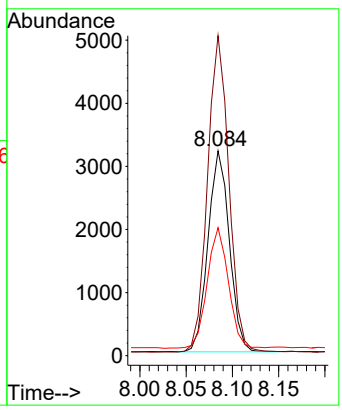


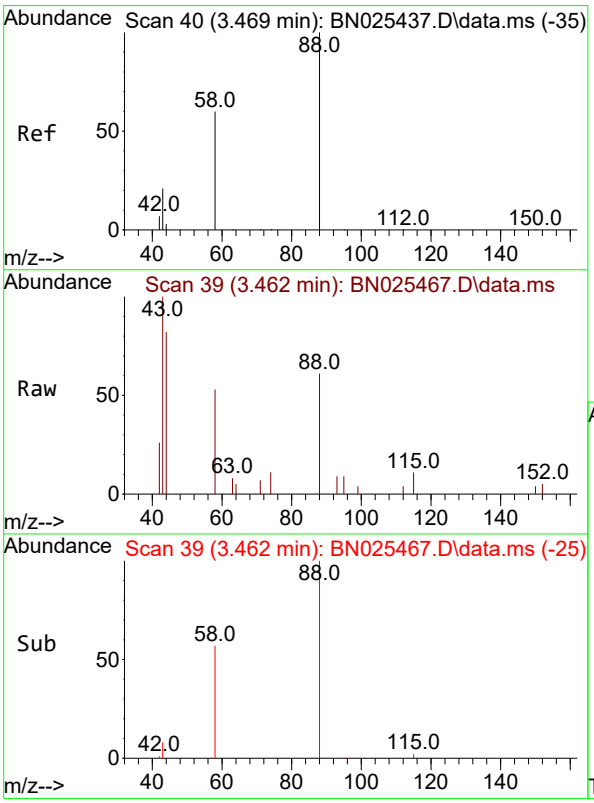
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.084 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-11-051623

Tgt Ion:152 Resp: 5122

Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.7	185.5
115	62.5	50.0	75.0

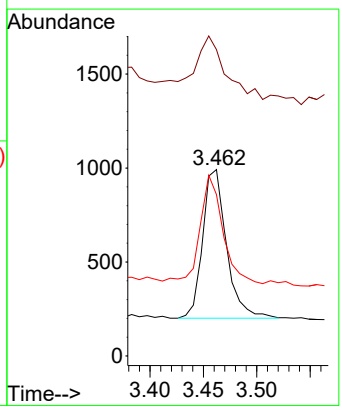


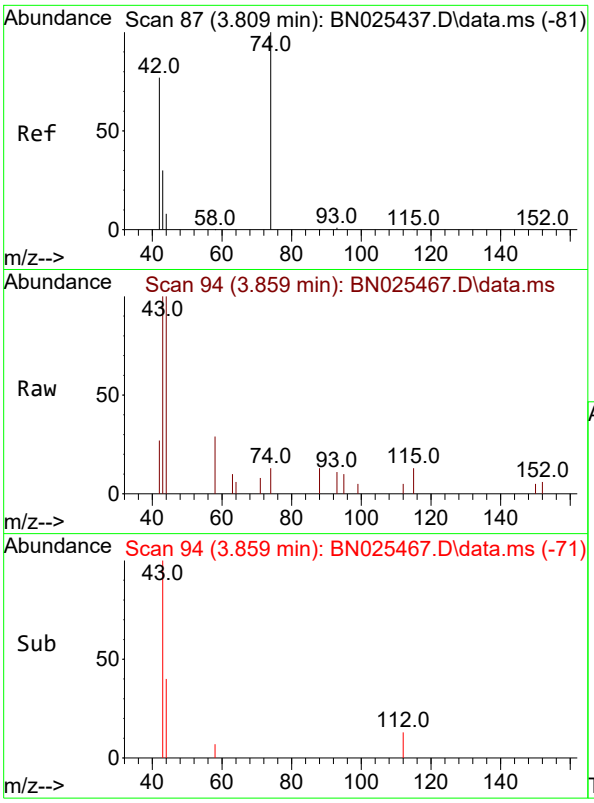


#2
1,4-Dioxane
Concen: 0.256 ng
RT: 3.462 min Scan# 39
Delta R.T. 0.000 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Tgt Ion: 88 Resp: 1229

Ion	Ratio	Lower	Upper
88	100		
43	46.7	25.1	37.7#
58	70.4	55.5	83.3



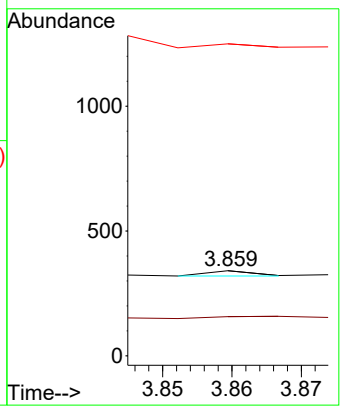


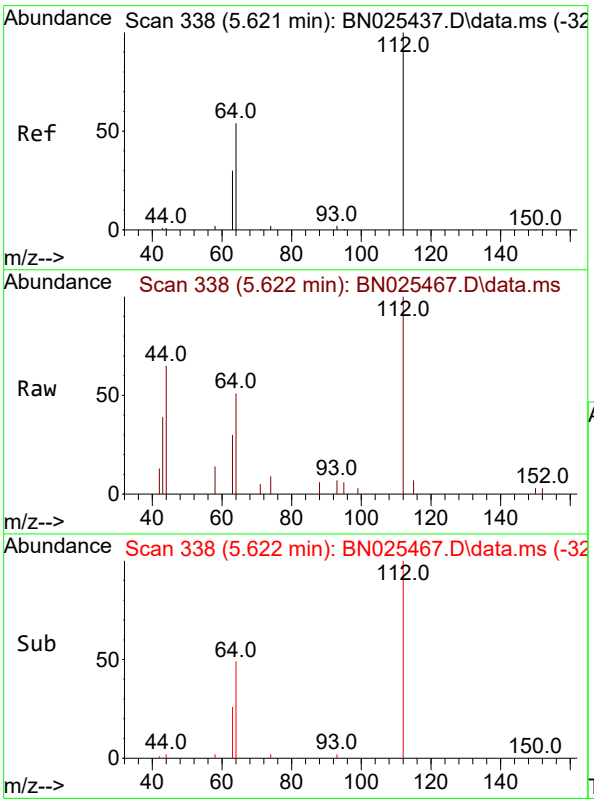
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.859 min Scan# 94
Delta R.T. 0.065 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-11-051623

Tgt Ion: 42 Resp: 10

Ion	Ratio	Lower	Upper
42	100		
74	0.0	100.1	150.1#
44	0.0	0.0	0.0

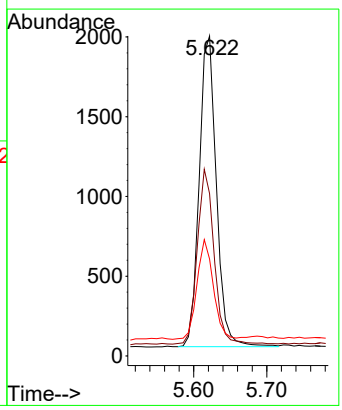


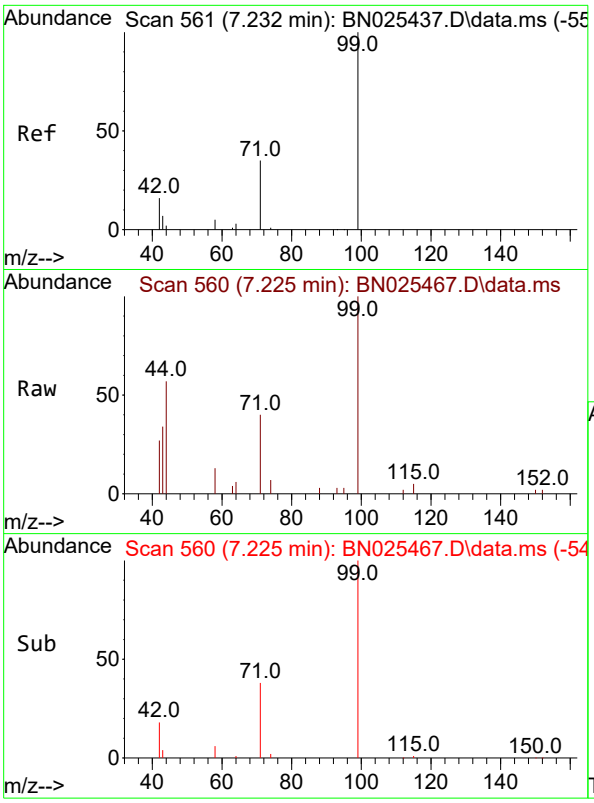


#4
2-Fluorophenol
Concen: 0.288 ng
RT: 5.622 min Scan# 338
Delta R.T. 0.007 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Tgt Ion:112 Resp: 3172

Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.9	65.9
63	30.6	25.0	37.4



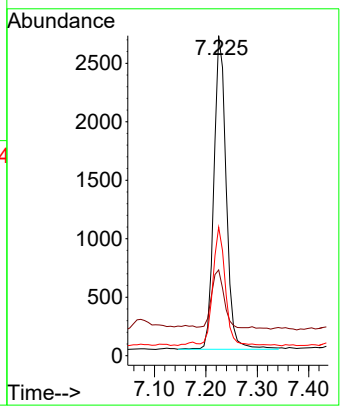


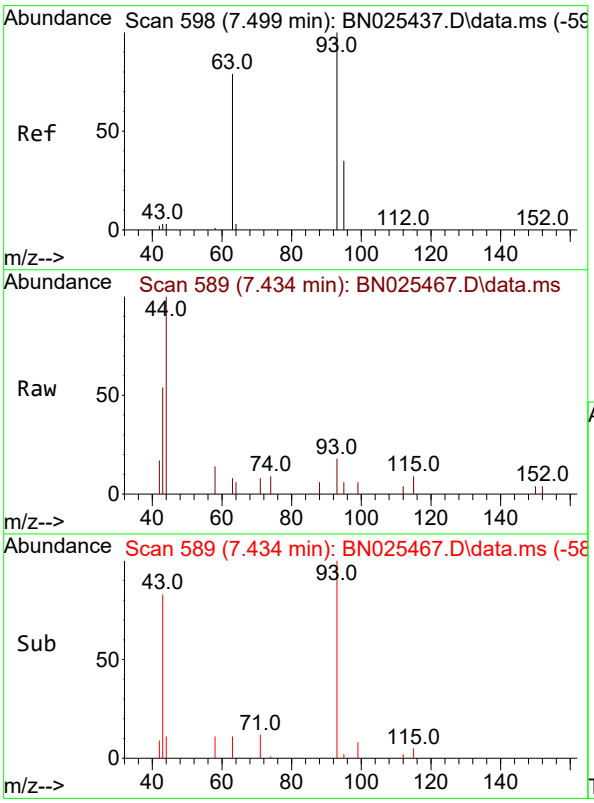
#5
Phenol-d6
Concen: 0.302 ng
RT: 7.225 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-11-051623

Tgt Ion: 99 Resp: 4463

Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.4	24.6
71	38.2	29.4	44.0

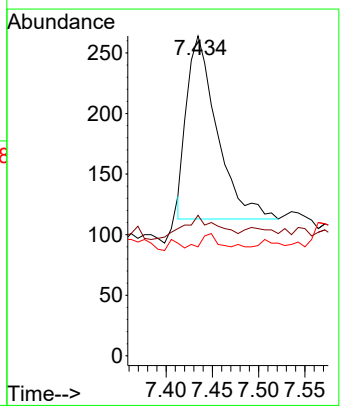


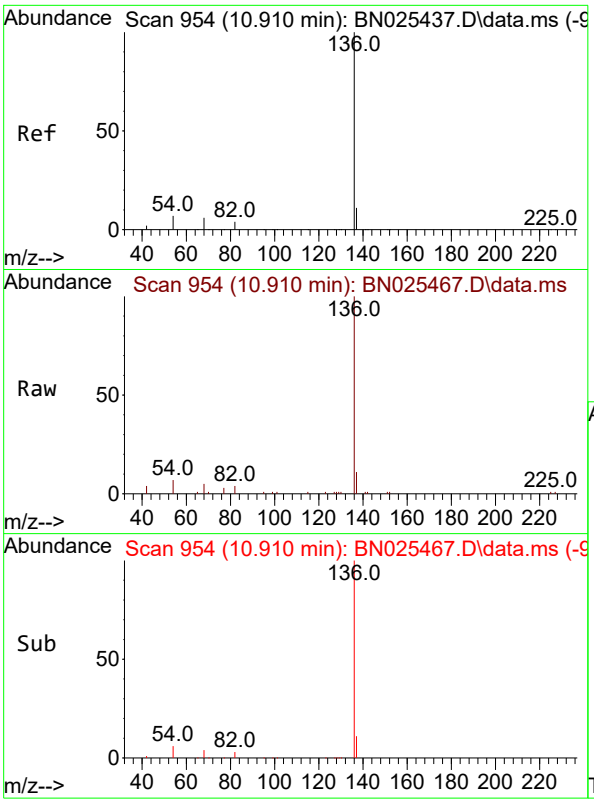


#6
bis(2-Chloroethyl)ether
Concen: Below Cal
RT: 7.434 min Scan# 589
Delta R.T. -0.065 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Tgt Ion: 93 Resp: 345

Ion	Ratio	Lower	Upper
93	100		
63	7.2	48.5	72.7#
95	4.1	22.0	33.0#



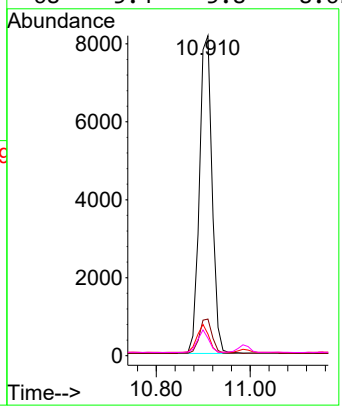


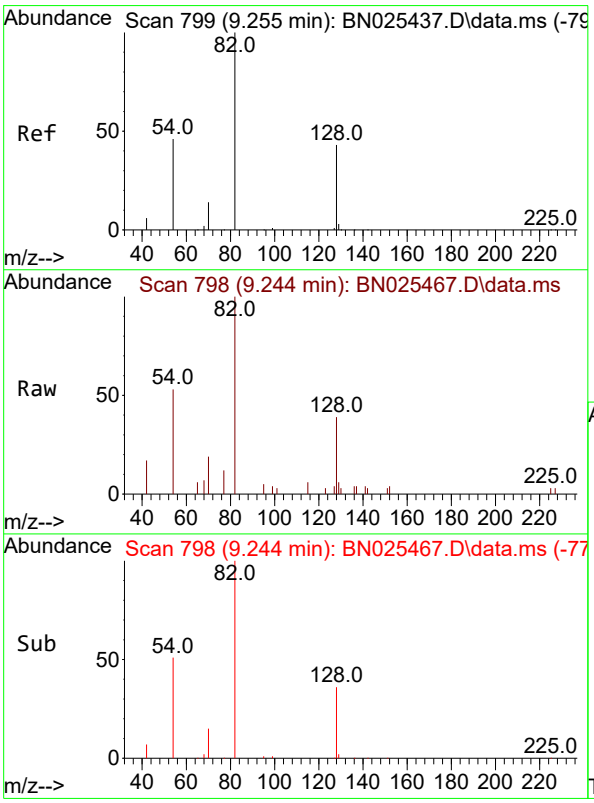
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.910 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-11-051623

Tgt Ion:136 Resp: 15262

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	6.7	7.0	10.4#
68	5.4	5.8	8.6#

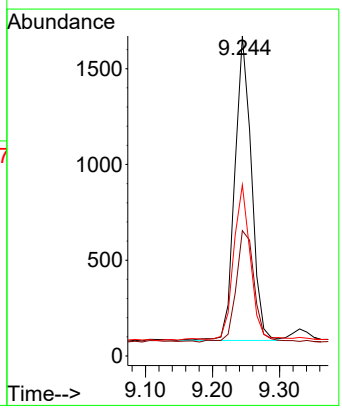


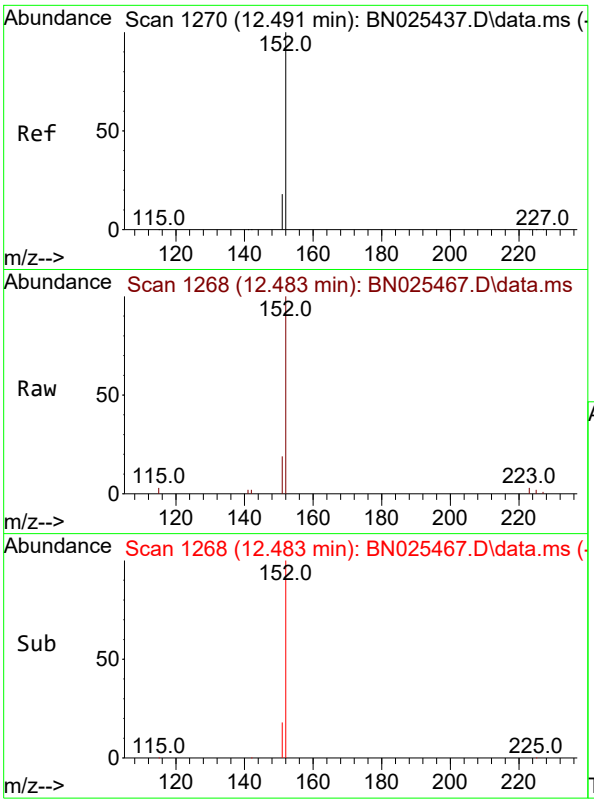


#8
Nitrobenzene-d5
Concen: 0.262 ng
RT: 9.244 min Scan# 798
Delta R.T. 0.000 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Tgt Ion: 82 Resp: 2734

Ion	Ratio	Lower	Upper
82	100		
128	39.1	35.7	53.5
54	53.4	38.6	57.8



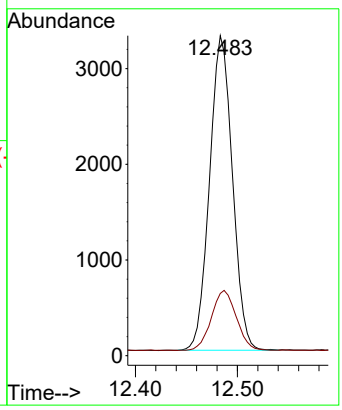


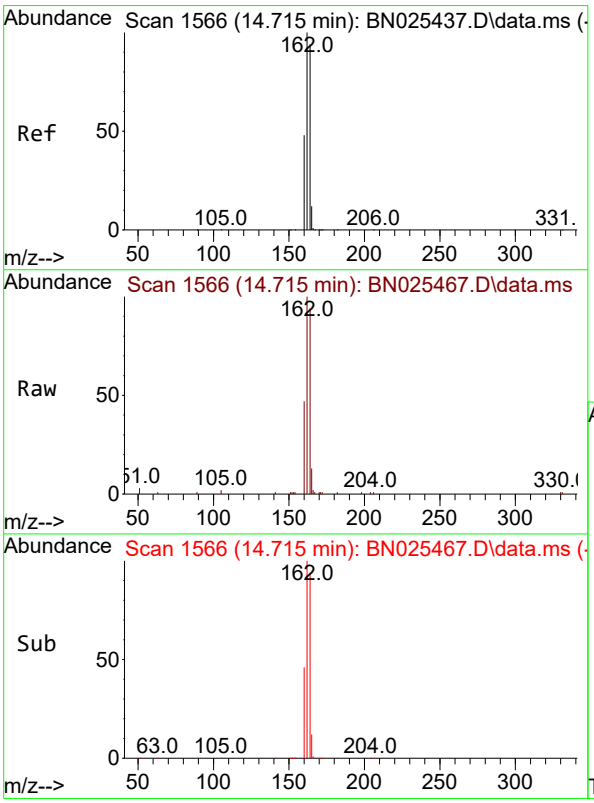
#11
2-Methylnaphthalene-d10
Concen: 0.240 ng
RT: 12.483 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-11-051623

Tgt Ion:152 Resp: 5120

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.5	24.7

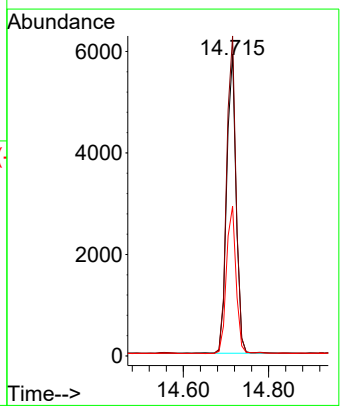


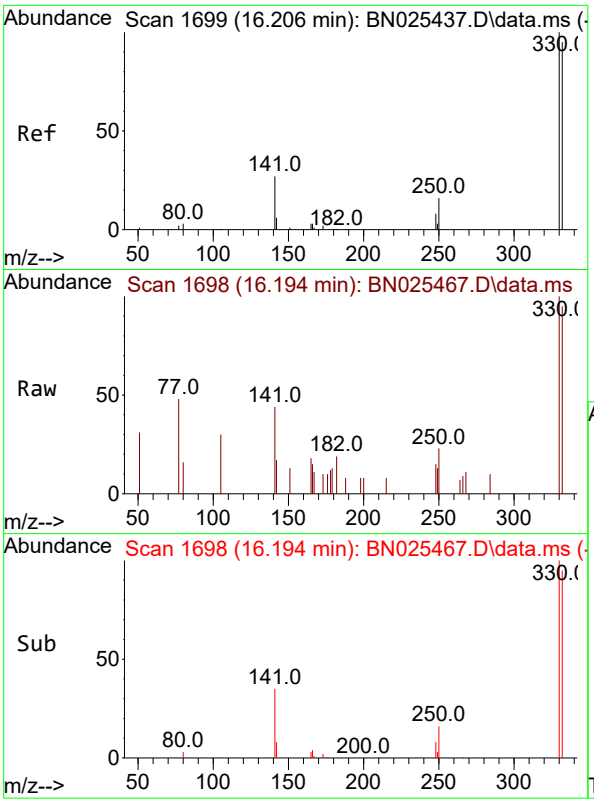


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.715 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Tgt Ion:164 Resp: 9050

Ion	Ratio	Lower	Upper
164	100		
162	106.0	84.8	127.2
160	49.6	40.6	61.0



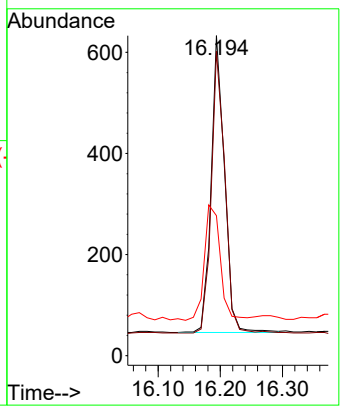


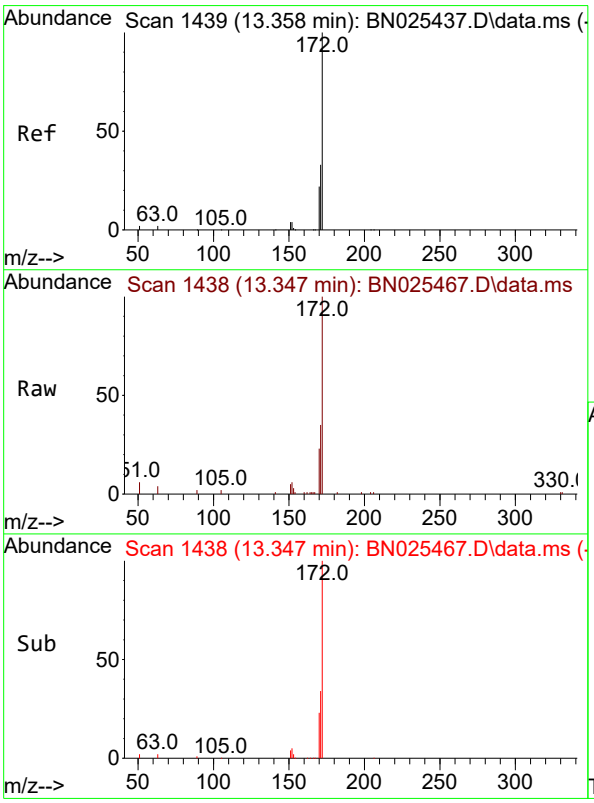
#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 16.194 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-11-051623

Tgt Ion:330 Resp: 877

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.5	113.3
141	46.4	35.3	52.9

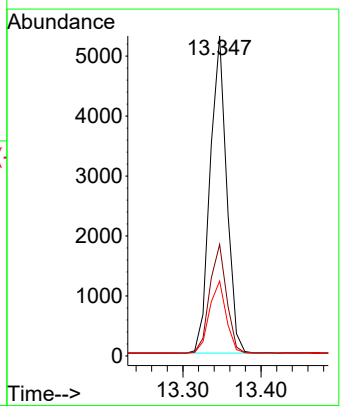


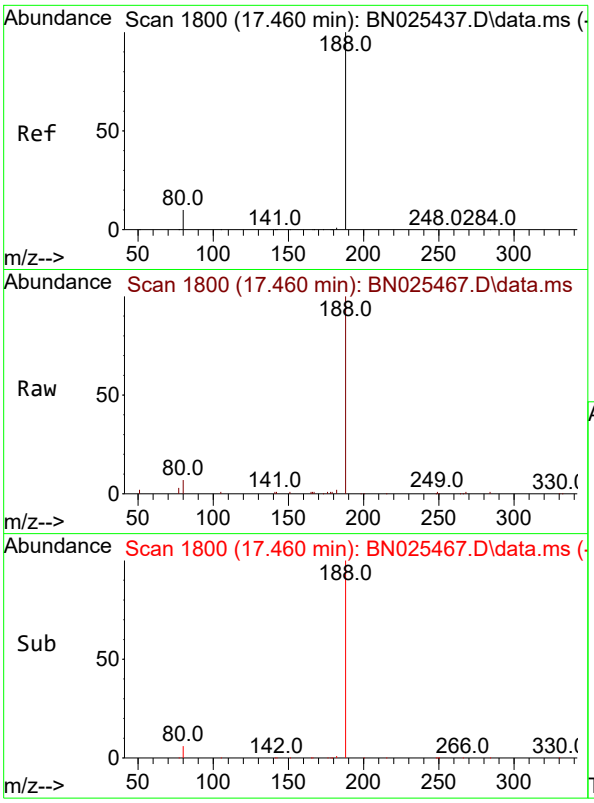


#15
2-Fluorobiphenyl
Concen: 0.235 ng
RT: 13.347 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Tgt Ion:172 Resp: 7787

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.0	40.6
170	23.4	18.2	27.2



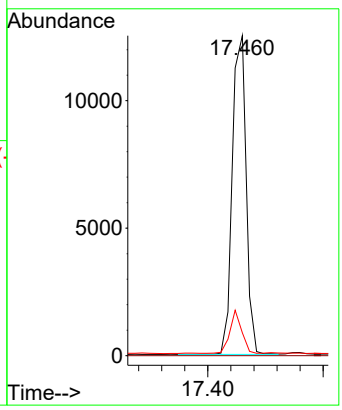


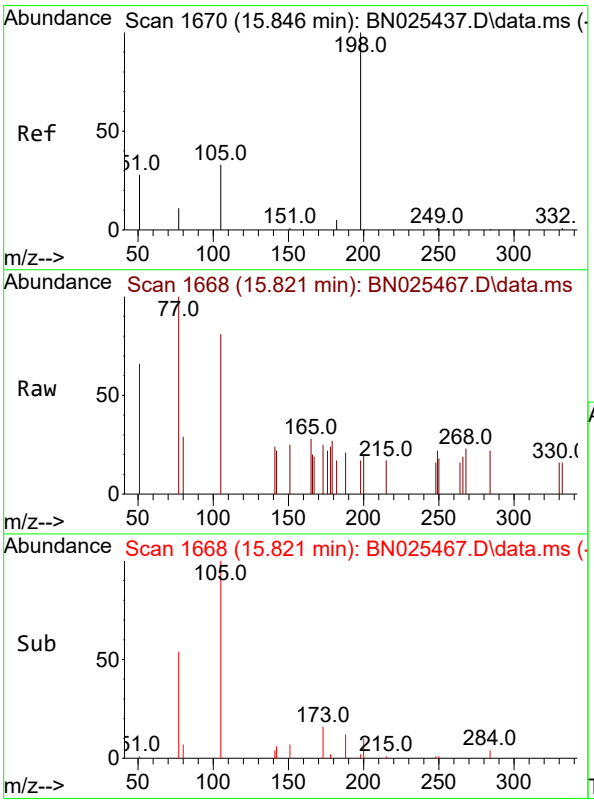
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-11-051623

Tgt Ion:188 Resp: 20811

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	8.7	13.1#

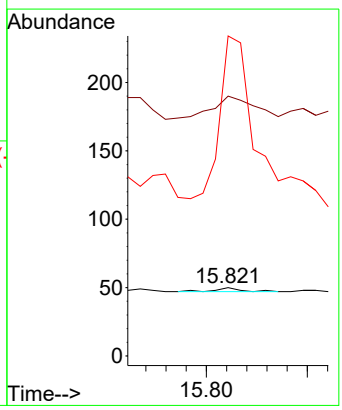


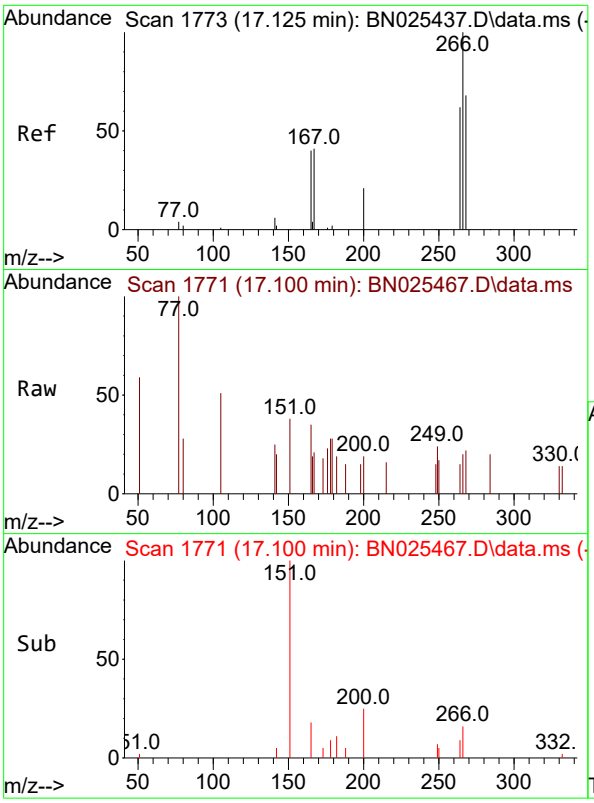


#20
4,6-Dinitro-2-methylphenol
Concen: 0.134 ng
RT: 15.821 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Tgt Ion:198 Resp: 5

Ion	Ratio	Lower	Upper
198	100		
51	380.0	68.5	102.7#
105	468.0	57.6	86.4#



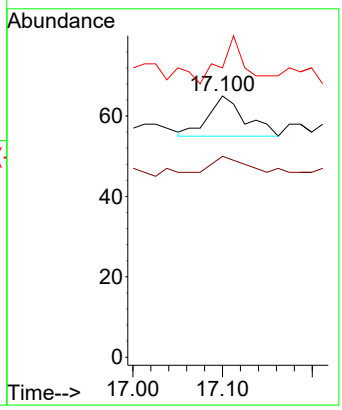


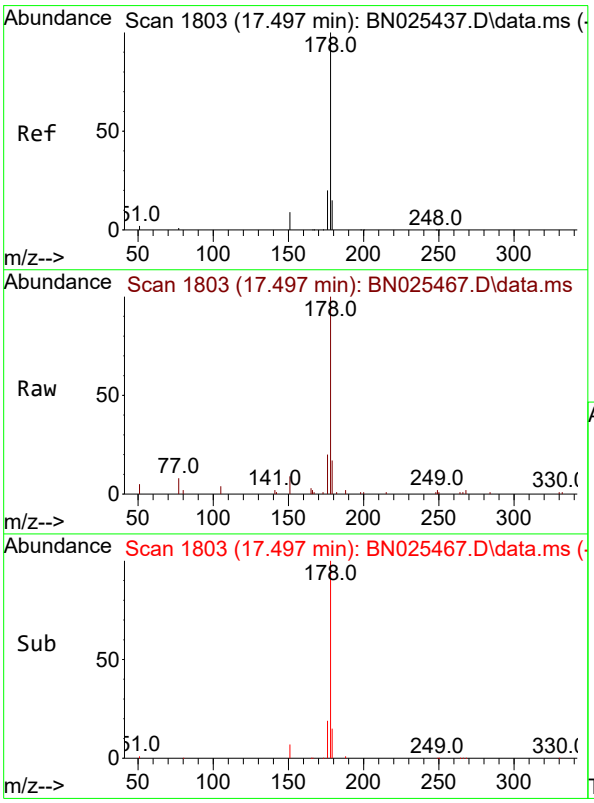
#24
Pentachlorophenol
Concen: 0.210 ng
RT: 17.100 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-11-051623

Tgt Ion:266 Resp: 28

Ion	Ratio	Lower	Upper
266	100		
264	35.7	49.5	74.3#
268	78.6	51.0	76.4#

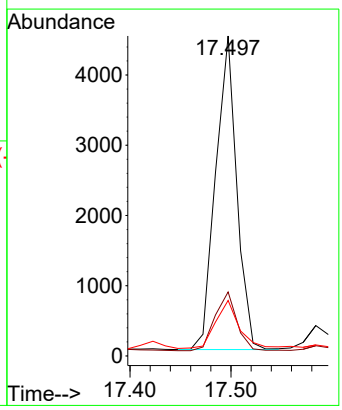


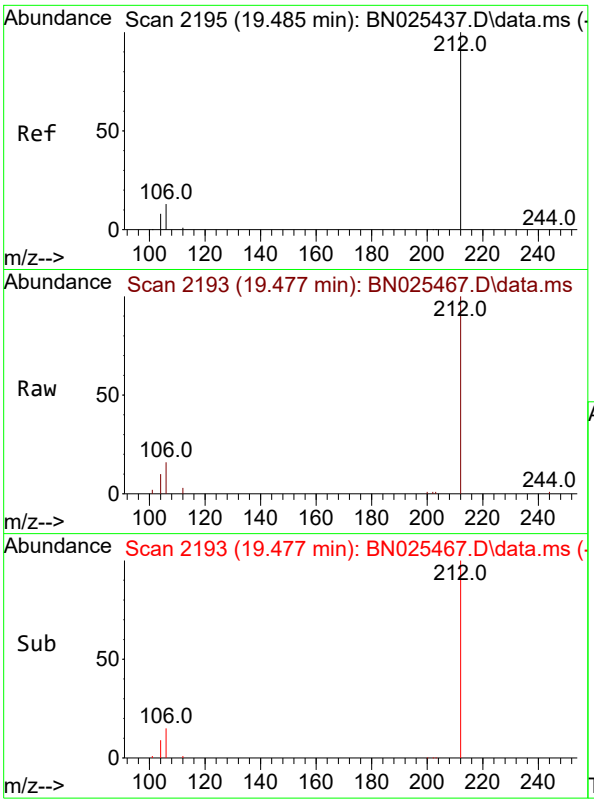


#25
Phenanthrene
Concen: 0.111 ng
RT: 17.497 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Tgt Ion:178 Resp: 6491

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	17.1	12.2	18.4



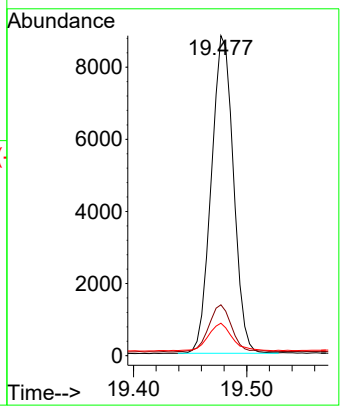


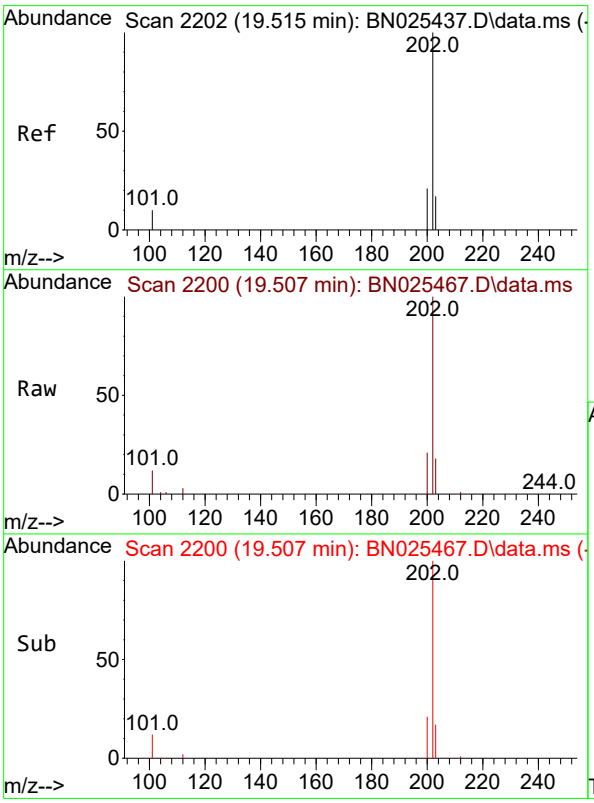
#27
Fluoranthene-d10
Concen: 0.242 ng
RT: 19.477 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-11-051623

Tgt Ion:212 Resp: 11982

Ion	Ratio	Lower	Upper
212	100		
106	15.4	11.1	16.7
104	9.2	6.6	10.0

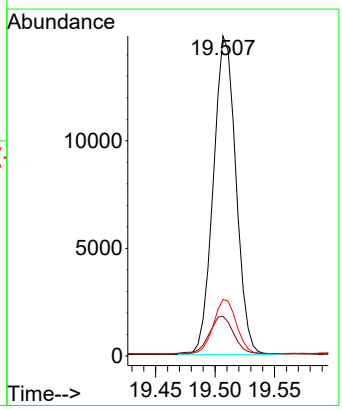


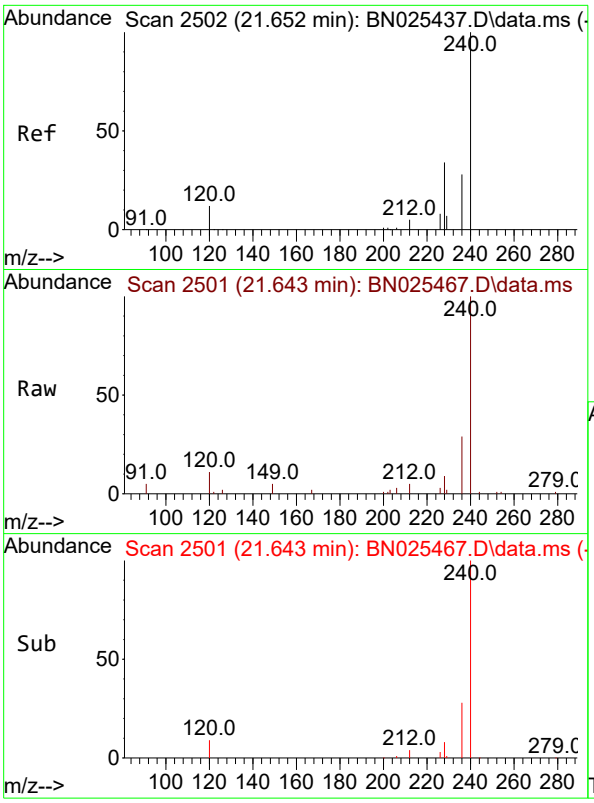


#28
Fluoranthene
Concen: 0.282 ng
RT: 19.507 min Scan# 2200
Delta R.T. -0.004 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Tgt Ion:202 Resp: 19573

Ion	Ratio	Lower	Upper
202	100		
101	13.0	8.6	13.0#
203	17.3	13.9	20.9



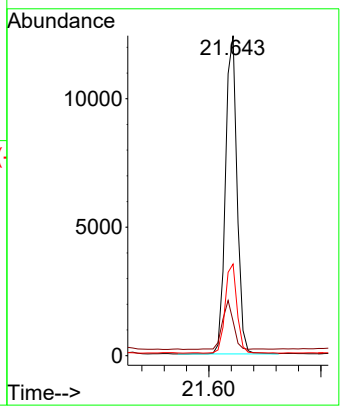


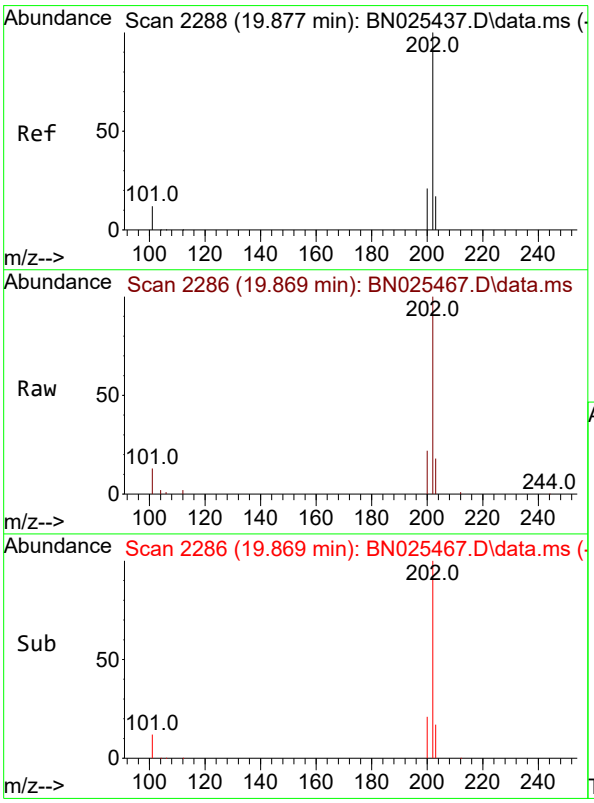
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.643 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-11-051623

Tgt Ion:240 Resp: 17823

Ion	Ratio	Lower	Upper
240	100		
120	10.7	11.6	17.4#
236	28.7	22.9	34.3

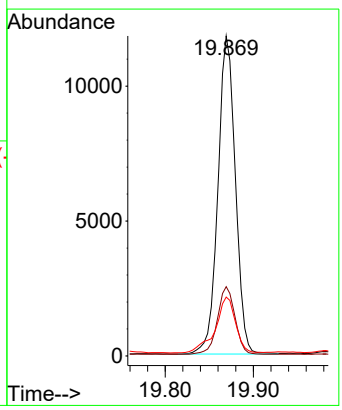


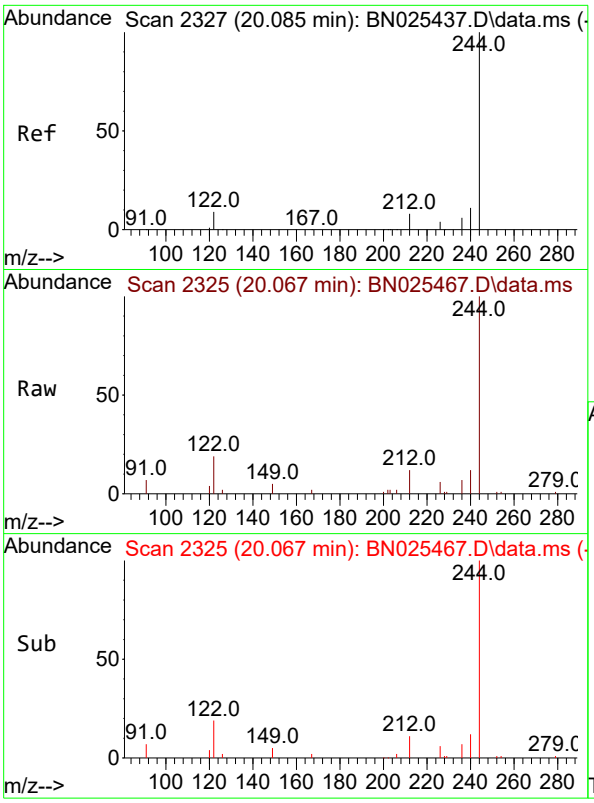


#30
Pyrene
Concen: 0.239 ng
RT: 19.869 min Scan# 2286
Delta R.T. -0.004 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Tgt Ion:202 Resp: 16256

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	20.3	14.2	21.4



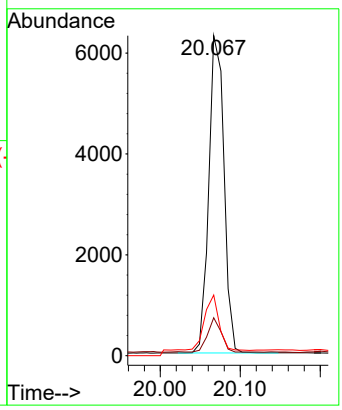


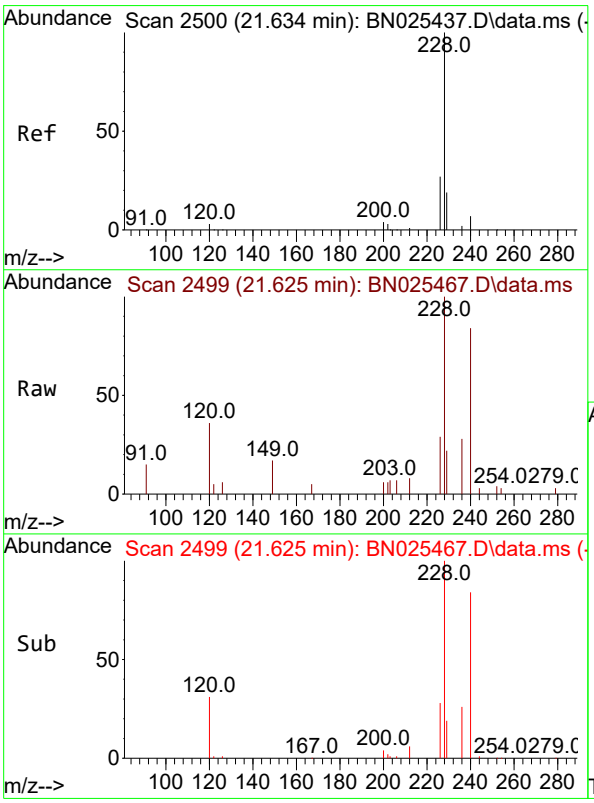
#31
Terphenyl-d14
Concen: 0.257 ng
RT: 20.067 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-11-051623

Tgt Ion:244 Resp: 8315

Ion	Ratio	Lower	Upper
244	100		
212	11.9	6.9	10.3#
122	19.0	7.4	11.2#

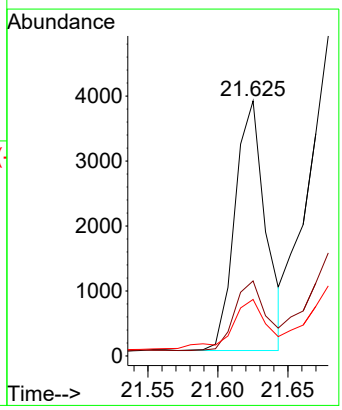


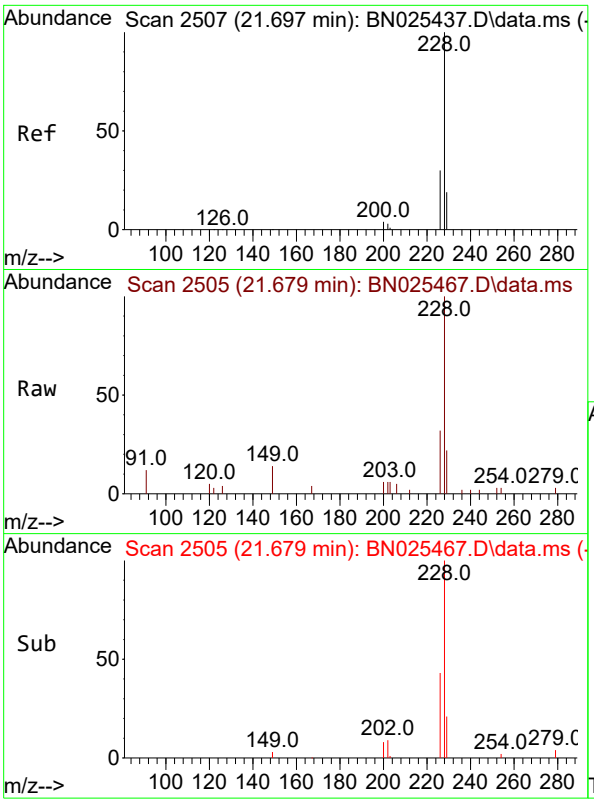


#32
Benzo(a)anthracene
Concen: 0.094 ng
RT: 21.625 min Scan# 2499
Delta R.T. 0.000 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Tgt Ion:228 Resp: 5859

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.1	33.1
229	22.1	15.4	23.2



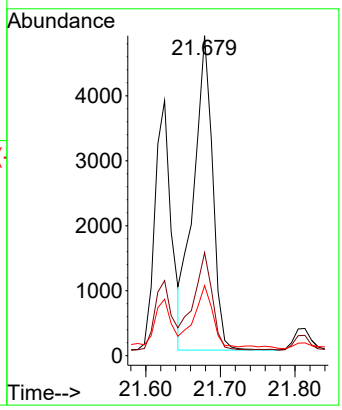


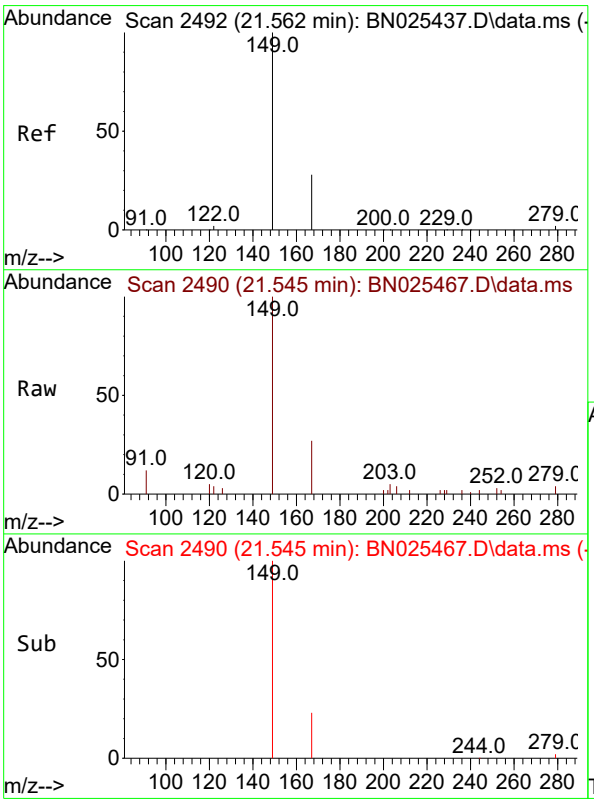
#33
Chrysene
Concen: 0.138 ng
RT: 21.679 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-11-051623

Tgt Ion:228 Resp: 8591

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.9	35.9
229	21.9	15.8	23.6

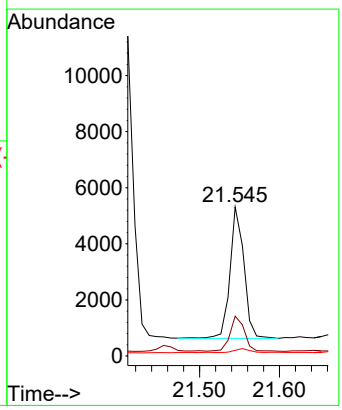


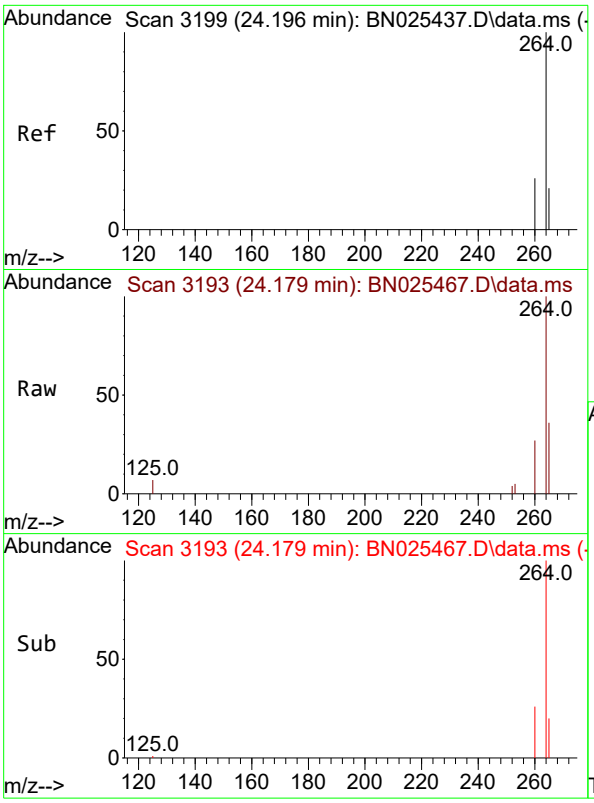


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.155 ng
RT: 21.545 min Scan# 2490
Delta R.T. -0.009 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Tgt Ion:149 Resp: 5682

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.4
279	3.2	2.5	3.7



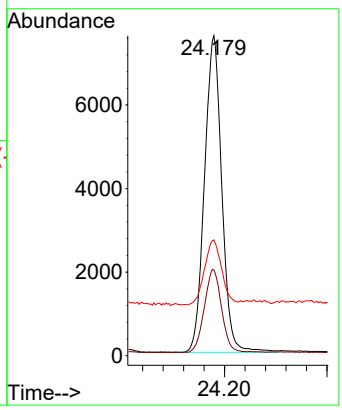


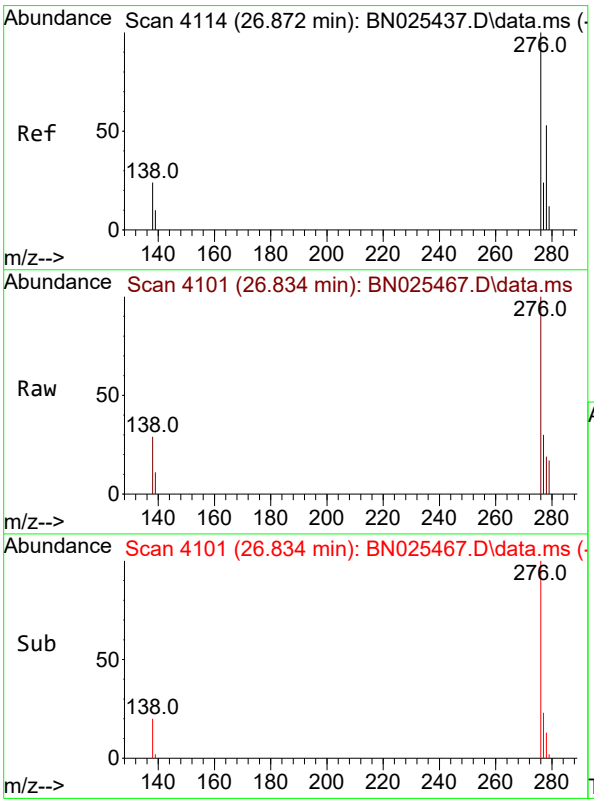
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.179 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-11-051623

Tgt Ion:264 Resp: 17804

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.0	31.6
265	36.2	25.5	38.3

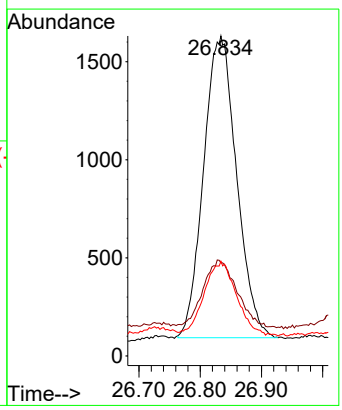


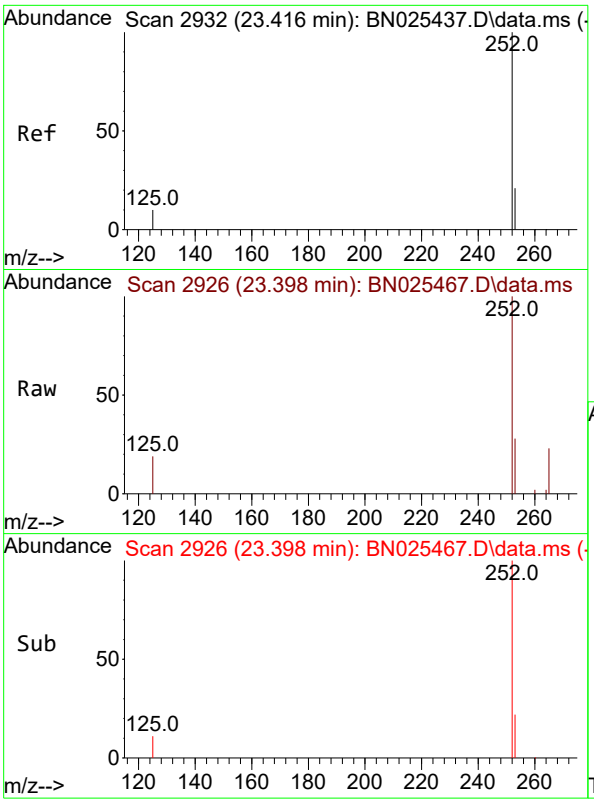


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.080 ng
RT: 26.834 min Scan# 4101
Delta R.T. -0.023 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Tgt Ion:276 Resp: 5750

Ion	Ratio	Lower	Upper
276	100		
138	22.4	21.0	31.6
277	23.9	19.8	29.6



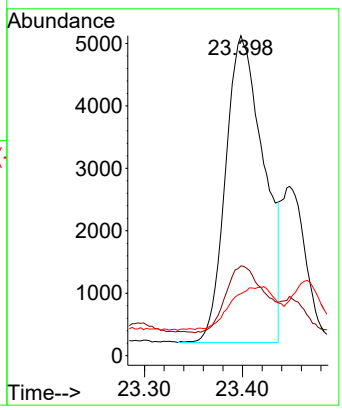


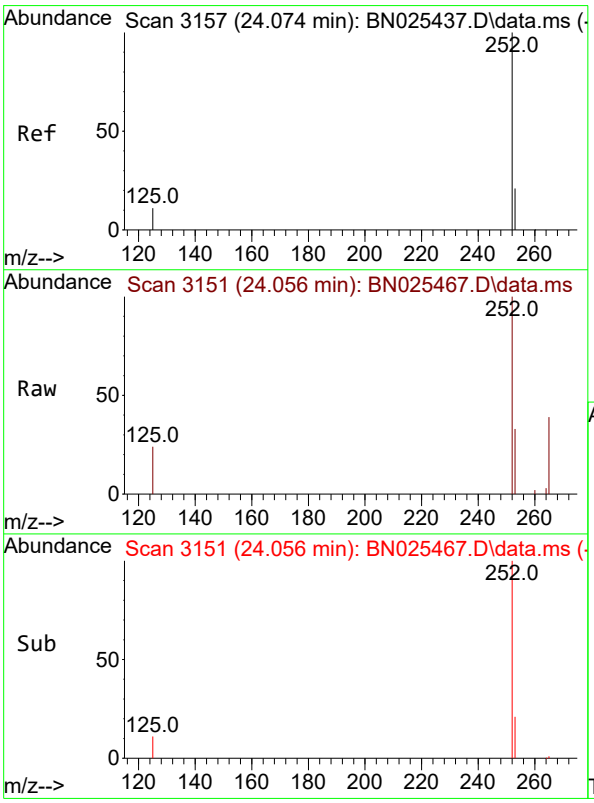
#37
Benzo(b)fluoranthene
Concen: 0.213 ng
RT: 23.398 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-11-051623

Tgt Ion:252 Resp: 13271

Ion	Ratio	Lower	Upper
252	100		
253	28.1	19.0	28.4
125	19.4	9.4	14.2#

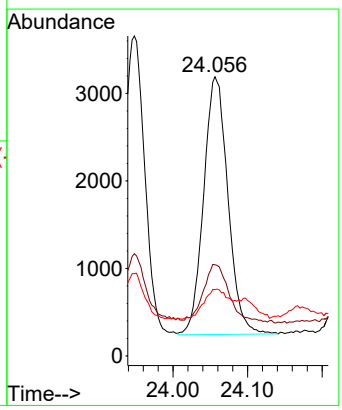


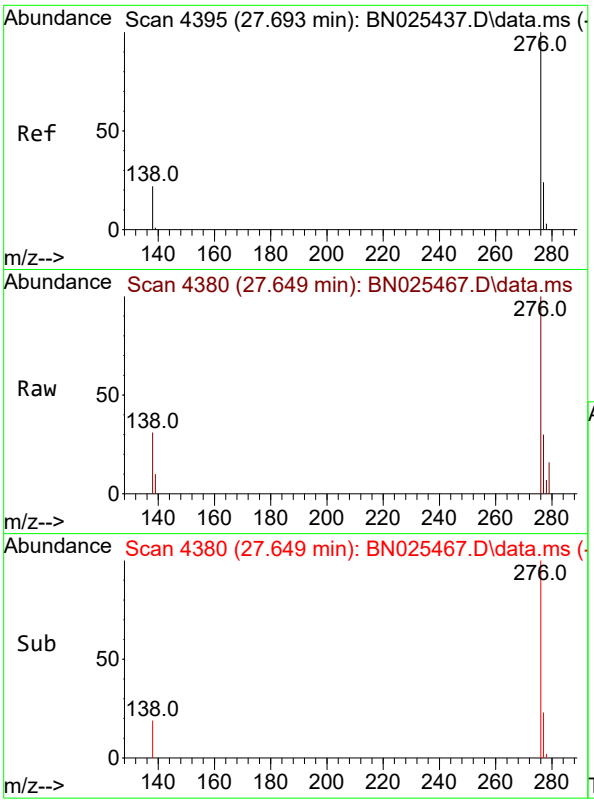


#39
Benzo(a)pyrene
Concen: 0.112 ng
RT: 24.056 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Tgt Ion:252 Resp: 6674

Ion	Ratio	Lower	Upper
252	100		
253	32.7	19.5	29.3#
125	23.8	10.2	15.4#





#41
Benzo(g,h,i)perylene
Concen: 0.101 ng
RT: 27.649 min Scan# 4
Delta R.T. -0.026 min
Lab File: BN025467.D
Acq: 17 May 2023 23:28

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-11-051623

Tgt Ion:276 Resp: 6135

Ion	Ratio	Lower	Upper
276	100		
277	29.6	19.6	29.4#
138	30.7	19.0	28.6#