Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021324\
Data File : BP019683.D
Acq On : 13 Feb 2024 18:16
Operator : MA/JU
Sample : P1448-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-02-020924

Quant Time: Feb 13 18:43:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	71599	20.000	ng		-0.01
21) Naphthalene-d8	10.699	136	267263	20.000	ng		-0.02
39) Acenaphthene-d10	14.534	164	177793	20.000	ng		-0.02
64) Phenanthrene-d10	17.292	188	418901	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	417955	20.000	ng		0.00
86) Perylene-d12	23.804	264	476352	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	477152	107.422	ng		-0.01
7) Phenol-d6	7.075	99	619912	103.505	ng		-0.01
23) Nitrobenzene-d5	9.069	82	423346	68.637	ng		-0.02
42) 2,4,6-Tribromophenol	16.034	330	353361	136.123	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	1012404	70.394	ng		-0.02
79) Terphenyl-d14	19.863	244	1894213	74.532	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.333	178	101701	4.613	ng		99
75) Fluoranthene	19.304	202	195894	7.274	ng		99
78) Pyrene	19.657	202	149014	5.052	ng		99
83) Chrysene	21.421	228	57720	2.066	ng		98
88) Benzo(b)fluoranthene	23.068	252	73593	2.451	ng	#	87

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021324\
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QLast Update : Thu Feb 01 00:51:48 2024
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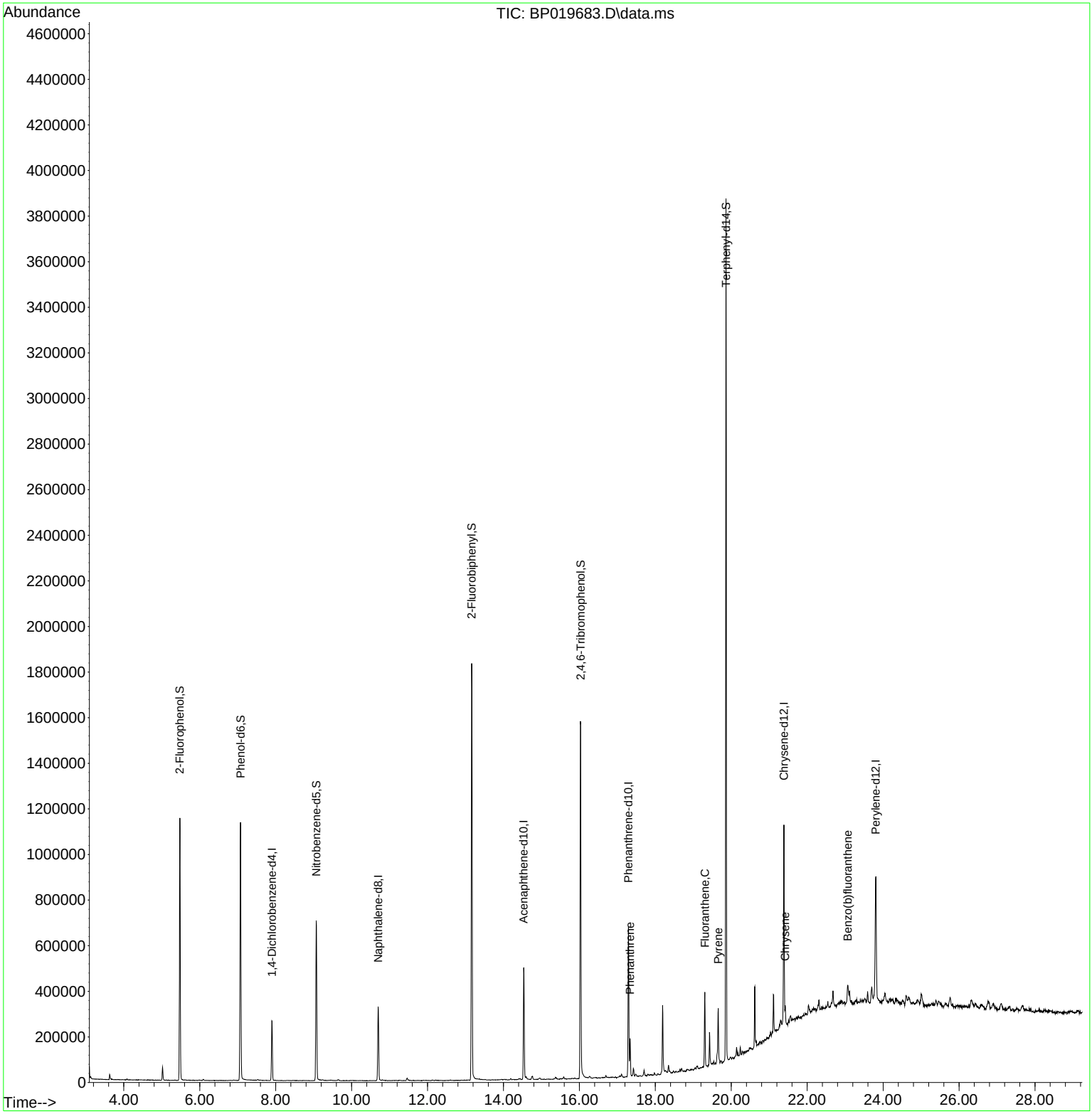
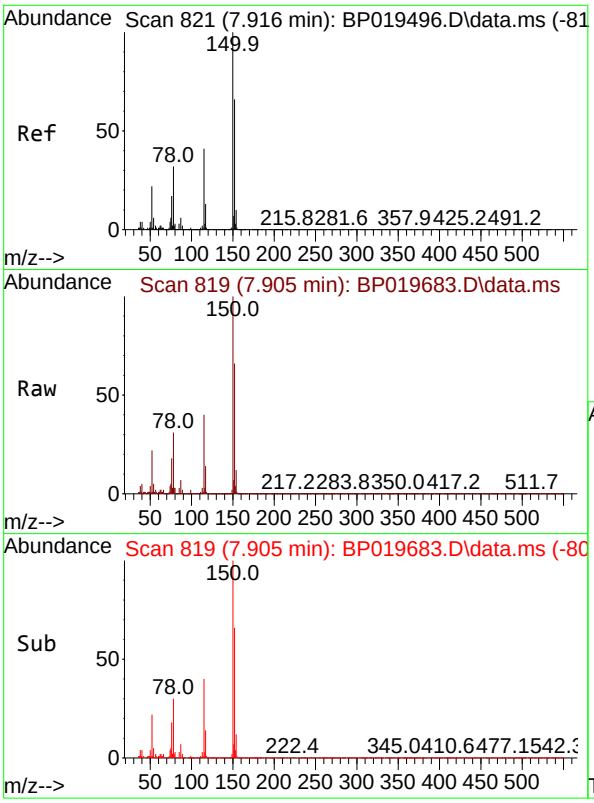


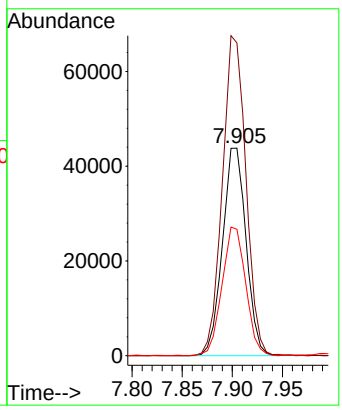


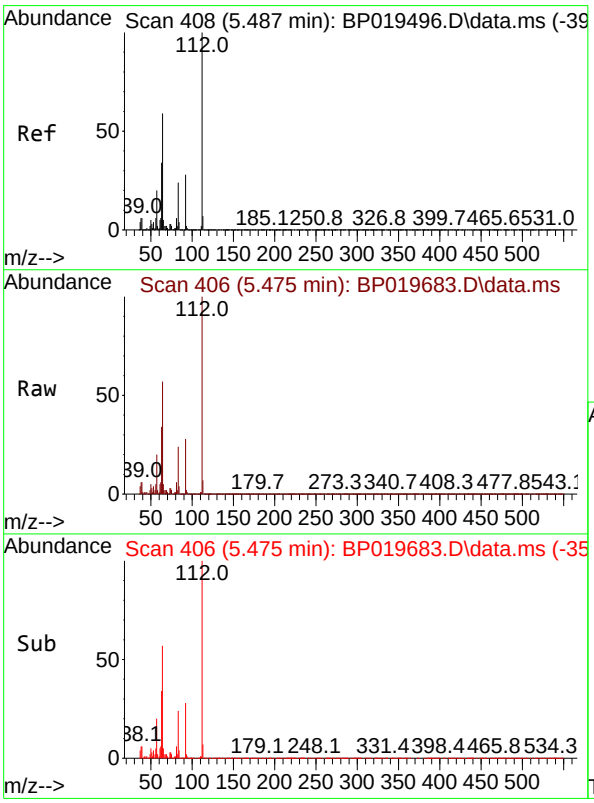
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Instrument :
BNA_P
ClientSampleId :
HD-02-020924

Tgt Ion:152 Resp: 71599

Ion	Ratio	Lower	Upper
152	100		
150	150.7	121.8	182.8
115	60.9	49.9	74.9

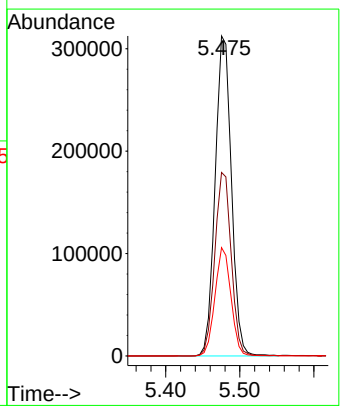


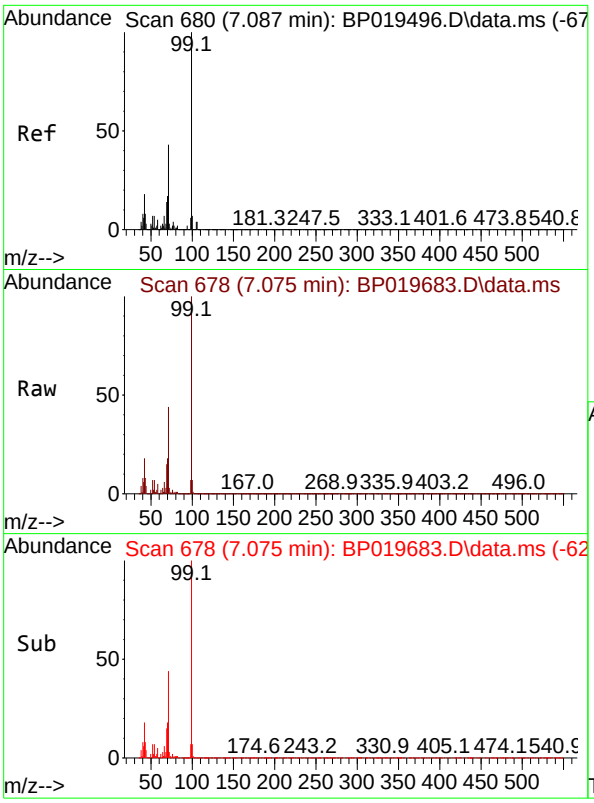


#5
2-Fluorophenol
Concen: 107.422 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Tgt Ion:112 Resp: 477152

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.4	71.0
63	33.8	27.0	40.6



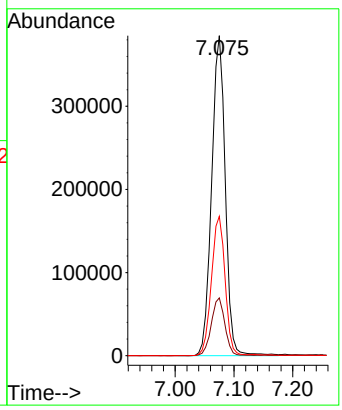


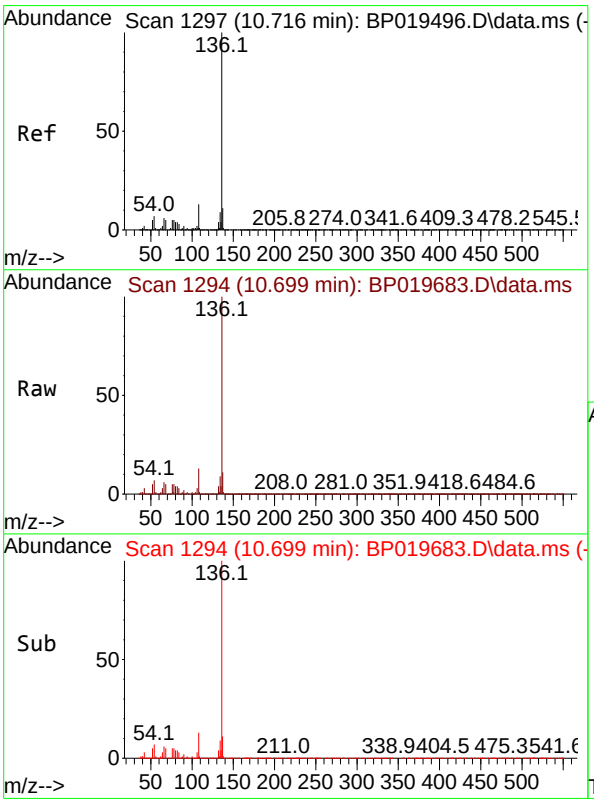
#7
Phenol-d6
Concen: 103.505 ng
RT: 7.075 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Instrument :
BNA_P
ClientSampleId :
HD-02-020924

Tgt Ion: 99 Resp: 619912

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.7	22.1
71	43.6	34.8	52.2

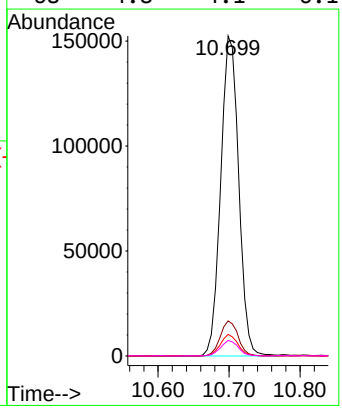


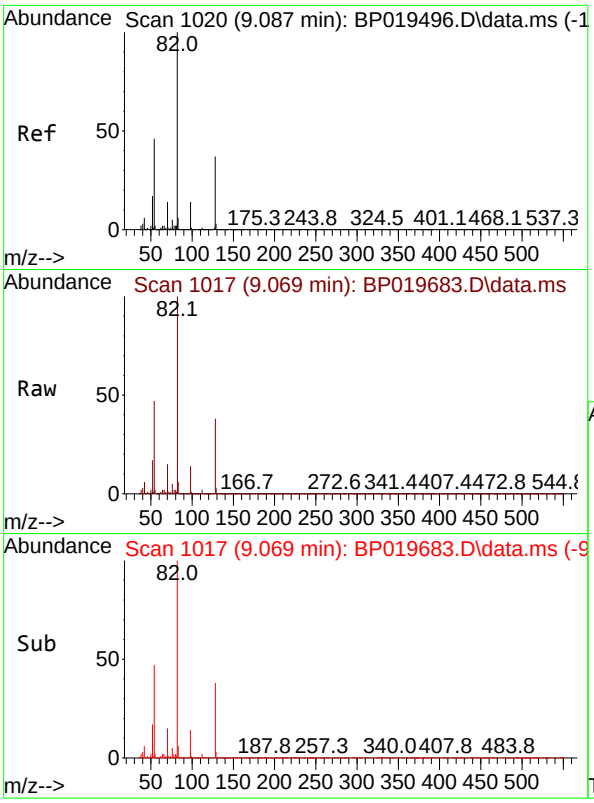


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.699 min Scan# 1294
Delta R.T. -0.017 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Tgt Ion:136 Resp: 267263

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.8	5.3	7.9
68	4.8	4.1	6.1



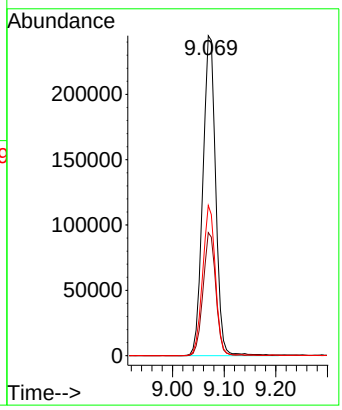


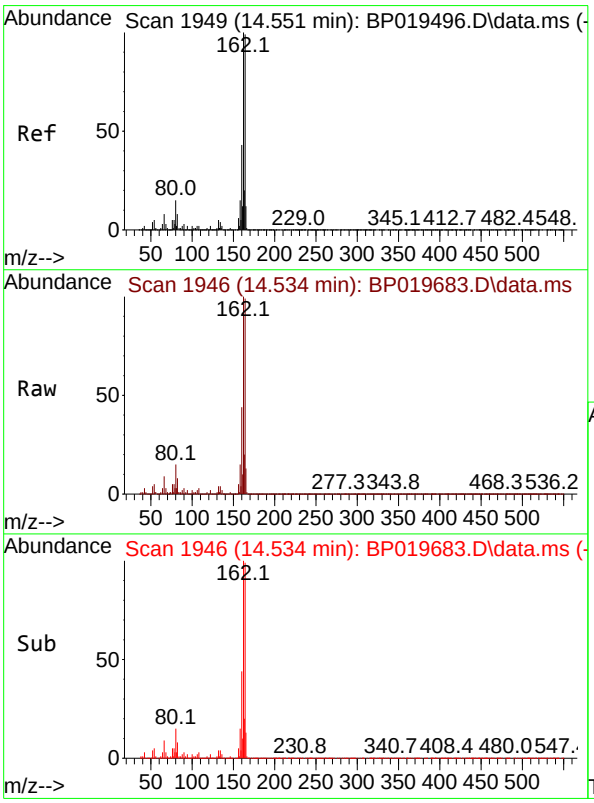
#23
Nitrobenzene-d5
Concen: 68.637 ng
RT: 9.069 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Instrument :
BNA_P
ClientSampleId :
HD-02-020924

Tgt Ion: 82 Resp: 423346

Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.7	44.5
54	46.9	36.8	55.2

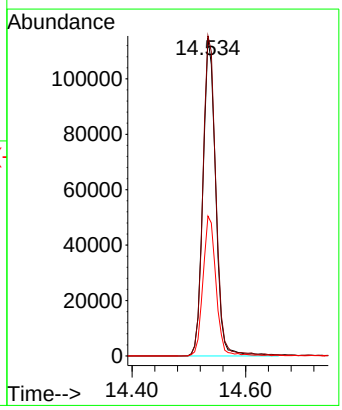


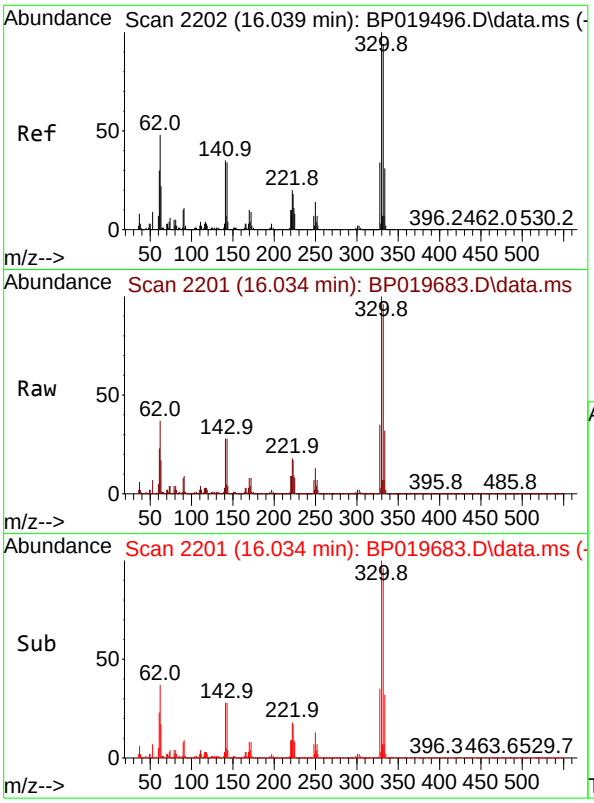


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.017 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Tgt Ion:164 Resp: 177793

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.2	121.8
160	44.0	35.1	52.7



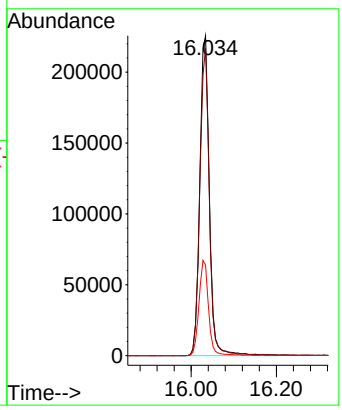


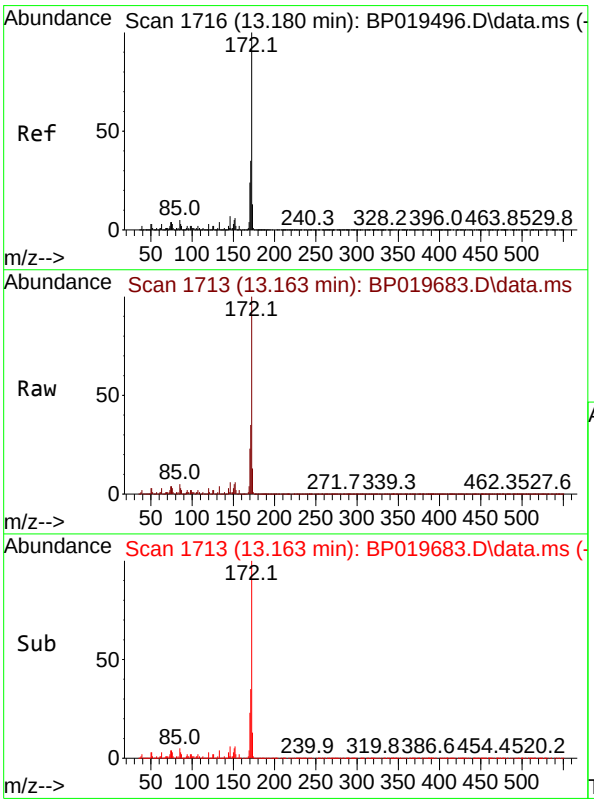
#42
2,4,6-Tribromophenol
Concen: 136.123 ng
RT: 16.034 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Instrument :
BNA_P
ClientSampleId :
HD-02-020924

Tgt Ion:330 Resp: 353361

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.2	115.8
141	29.7	27.0	40.4

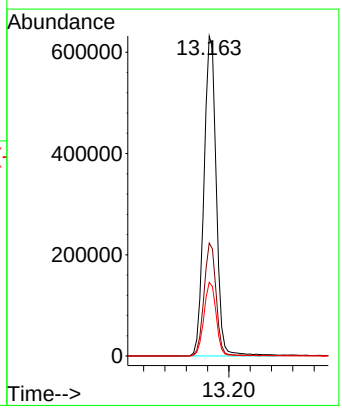


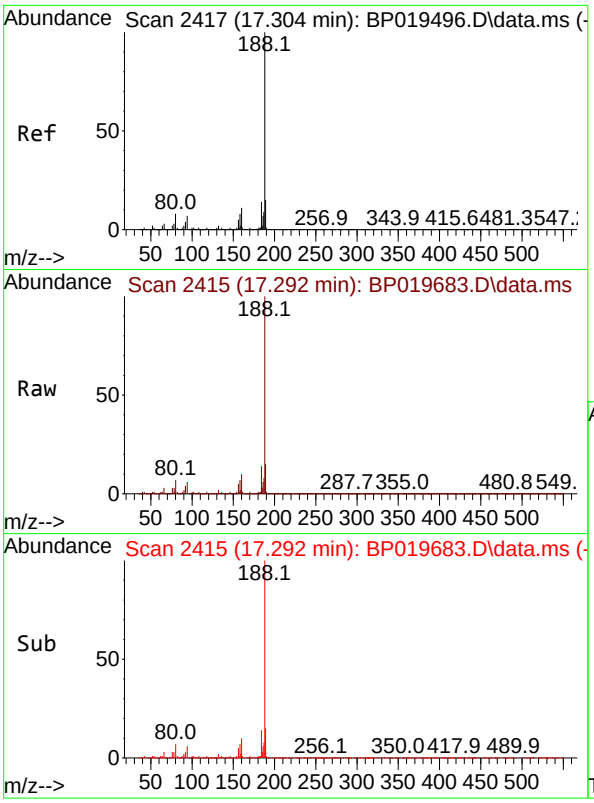


#45
2-Fluorobiphenyl
Concen: 70.394 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.017 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Tgt Ion:172 Resp: 1012404

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.0	18.9	28.3



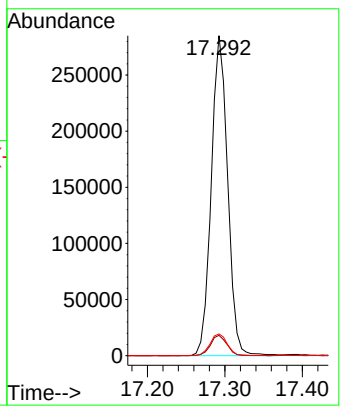


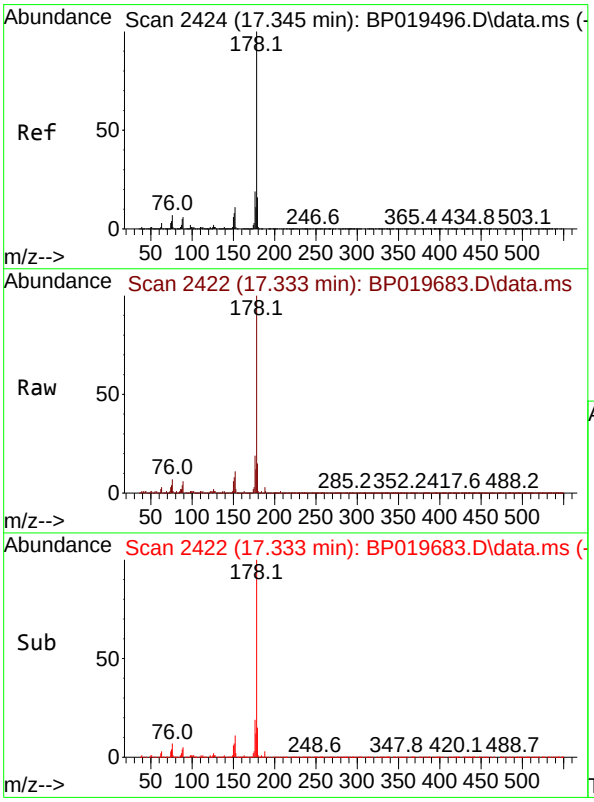
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Instrument :
BNA_P
ClientSampleId :
HD-02-020924

Tgt Ion:188 Resp: 418901

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.4	8.2
80	6.8	6.3	9.5

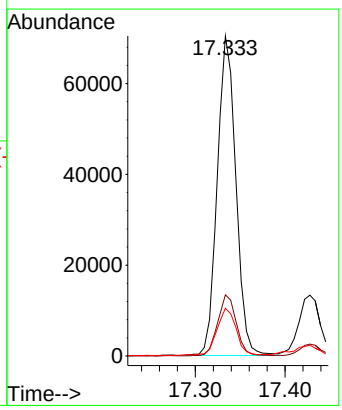


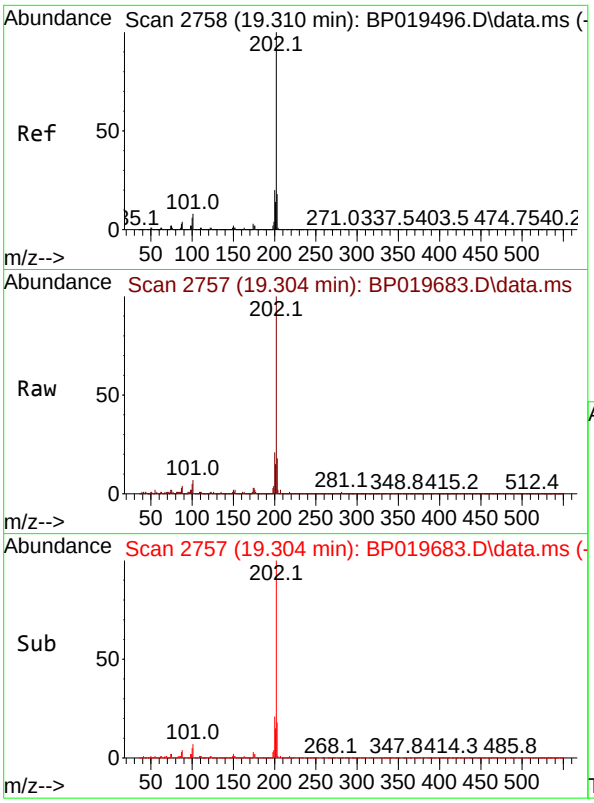


#71
Phenanthrene
Concen: 4.613 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Tgt Ion:178 Resp: 101701

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	14.9	12.6	19.0



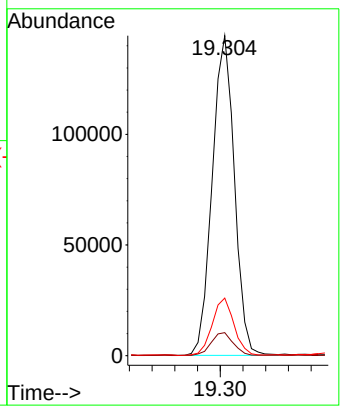


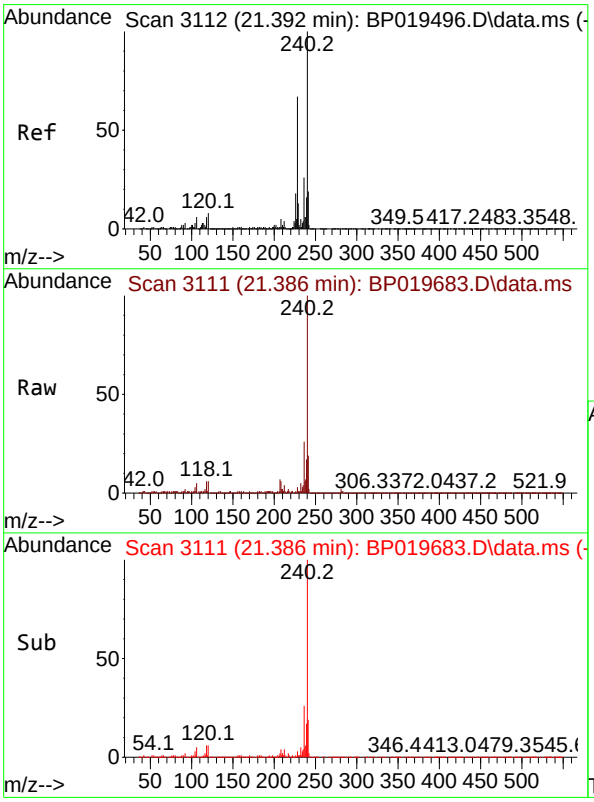
#75
Fluoranthene
Concen: 7.274 ng
RT: 19.304 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Instrument :
BNA_P
ClientSampleId :
HD-02-020924

Tgt Ion:202 Resp: 195894

Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	27.7
203	18.0	0.0	37.5

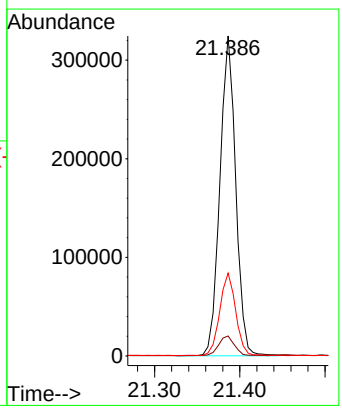


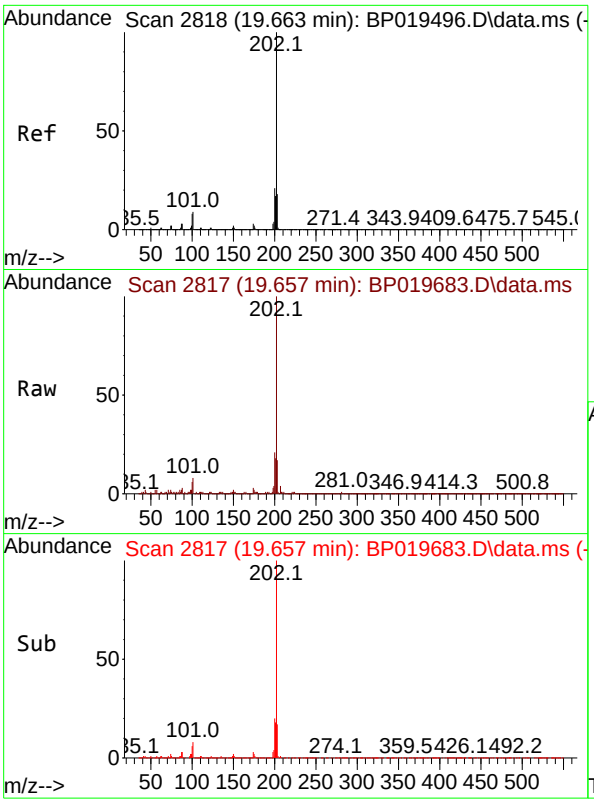


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Tgt Ion:240 Resp: 417955

Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.1	9.1
236	25.9	20.7	31.1



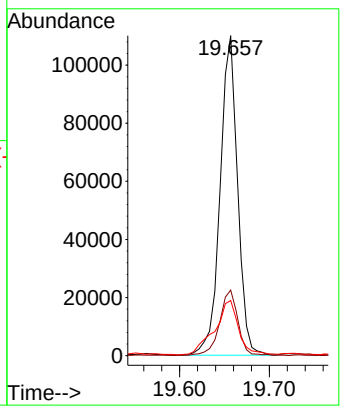


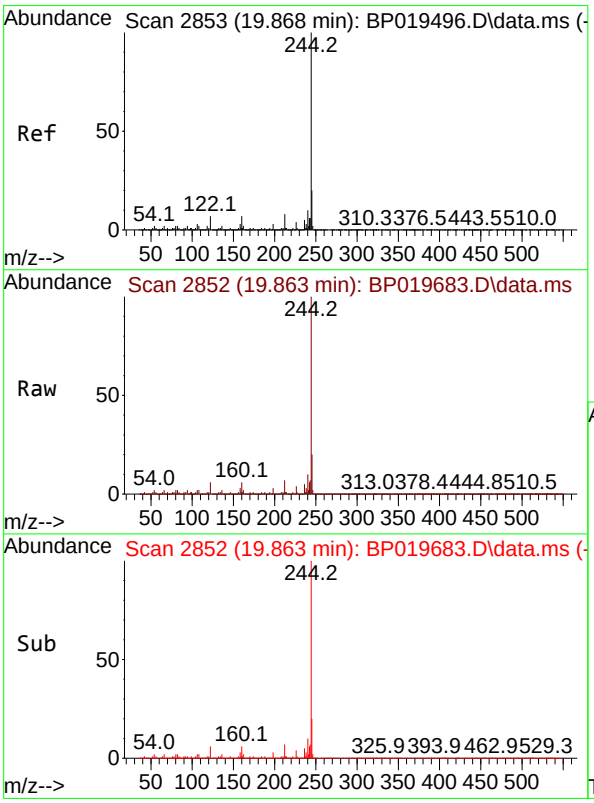
#78
Pyrene
Concen: 5.052 ng
RT: 19.657 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Instrument :
BNA_P
ClientSampleId :
HD-02-020924

Tgt Ion:202 Resp: 149014

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	17.3	14.2	21.2

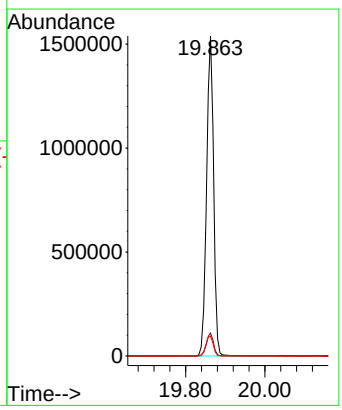


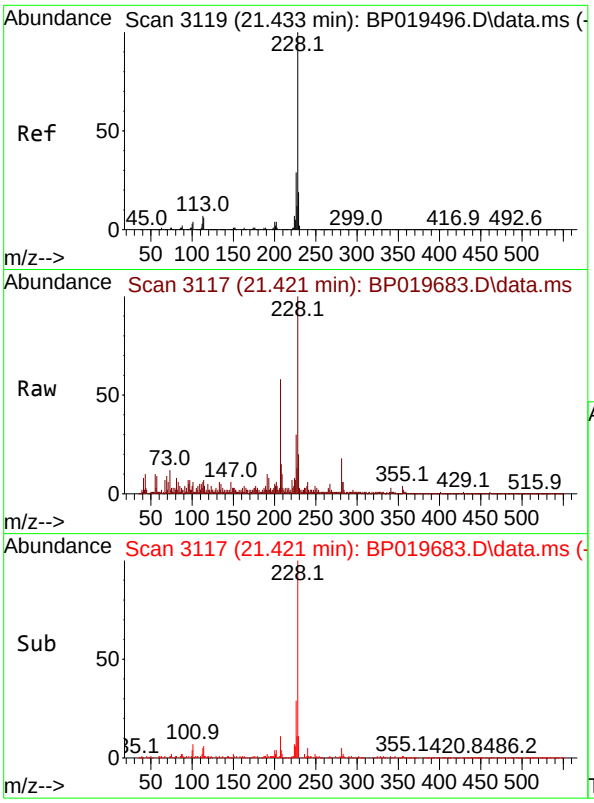


#79
Terphenyl-d14
Concen: 74.532 ng
RT: 19.863 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Tgt Ion:244 Resp: 1894213

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	6.2	5.9	8.9



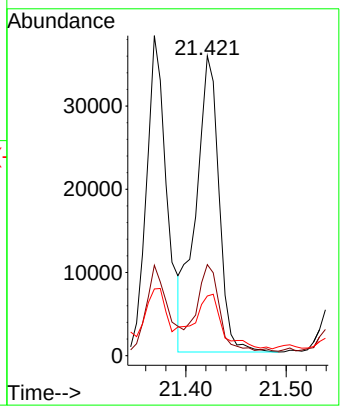


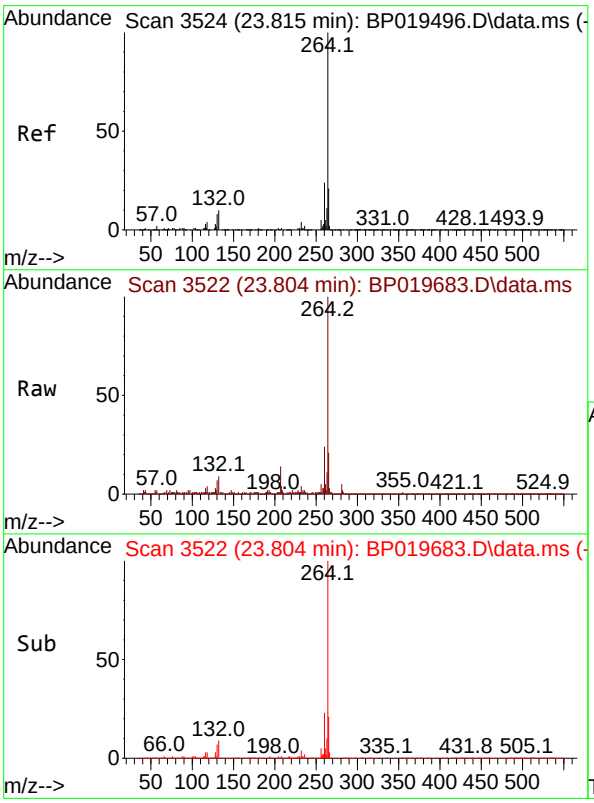
#83
Chrysene
Concen: 2.066 ng
RT: 21.421 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Instrument :
BNA_P
ClientSampleId :
HD-02-020924

Tgt Ion:228 Resp: 57720

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	19.9	15.6	23.4

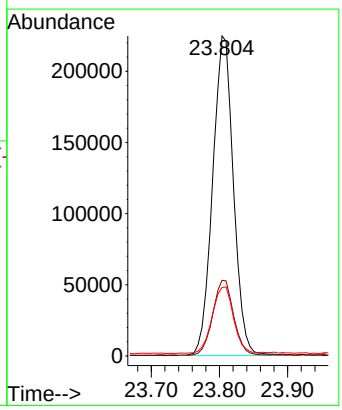


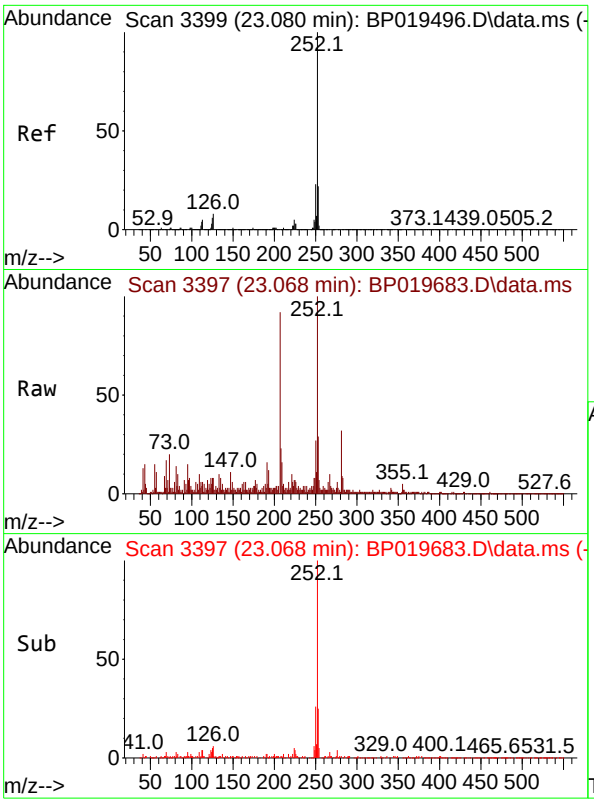


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.804 min Scan# 3522
Delta R.T. -0.012 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Tgt Ion:264 Resp: 476352

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	17.0	25.4





#88
Benzo(b)fluoranthene
Concen: 2.451 ng
RT: 23.068 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP019683.D
Acq: 13 Feb 2024 18:16

Instrument :
BNA_P
ClientSampleId :
HD-02-020924

Tgt Ion:252 Resp: 73593

Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.3	25.9#
125	8.2	4.9	7.3#