Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005976.D
Acq On : 31 May 2019 11:34
Operator : JU/SJ
Sample : K2924-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4280

Quant Time: May 31 14:13:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	474574	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	1843167	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.39	164	901607	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.14	188	1794222	20.00	ng/ul	0.03
77) Chrysene-d12	21.36	240	1566212	20.00	ng/ul	0.04
85) Perylene-d12	23.66	264	1840989	20.00	ng/ul	0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	67613	6.27	ng/uL	0.00
5) Phenol-d5	6.90	99	1219221	28.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	739748	30.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	1008132	31.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	898772	26.47	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	480139	40.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	510188	46.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	874002	33.60	ng/ul	0.01
29) 4-Chloroaniline-d4	10.66	131	658570	19.31	ng/ul	0.01
43) Dimethylphthalate-d6	13.80	166	2346875	35.31	ng/ul	0.02
46) Acenaphthylene-d8	14.08	160	2913565	35.04	ng/ul	0.03
51) 4-Nitrophenol-d4	14.59	143	352125	29.11	ng/ul	0.03
57) Fluorene-d10	15.39	176	1926394	34.56	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	15.51	200	124260	16.99	ng/ul	0.03
70) Anthracene-d10	17.24	188	2738716	35.86	ng/ul	0.03
78) Pyrene-d10	19.55	212	2783786	35.19	ng/ul	0.03
89) Benzo(a)pyrene-d12	23.51	264	2816583	34.29	ng/ul	0.06
Target Compounds						Qvalue
44) Dimethylphthalate	13.85	163	766938	11.545	ng/ul	99
76) Fluoranthene	19.21	202	187045	1.971	ng/ul#	94
79) Pyrene	19.58	202	195986	1.975	ng/ul#	92
80) Butylbenzylphthalate	20.49	149	105539	2.367	ng/ul	98
82) Benzo(a)anthracene	21.35	228	99344	1.009	ng/ul#	84
84) Chrysene	21.40	228	111656	1.216	ng/ul#	88
87) Benzo(b)fluoranthene	22.97	252	130433	1.261	ng/ul#	40
90) Benzo(a)pyrene	23.56	252	99681	1.022	ng/ul#	56

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

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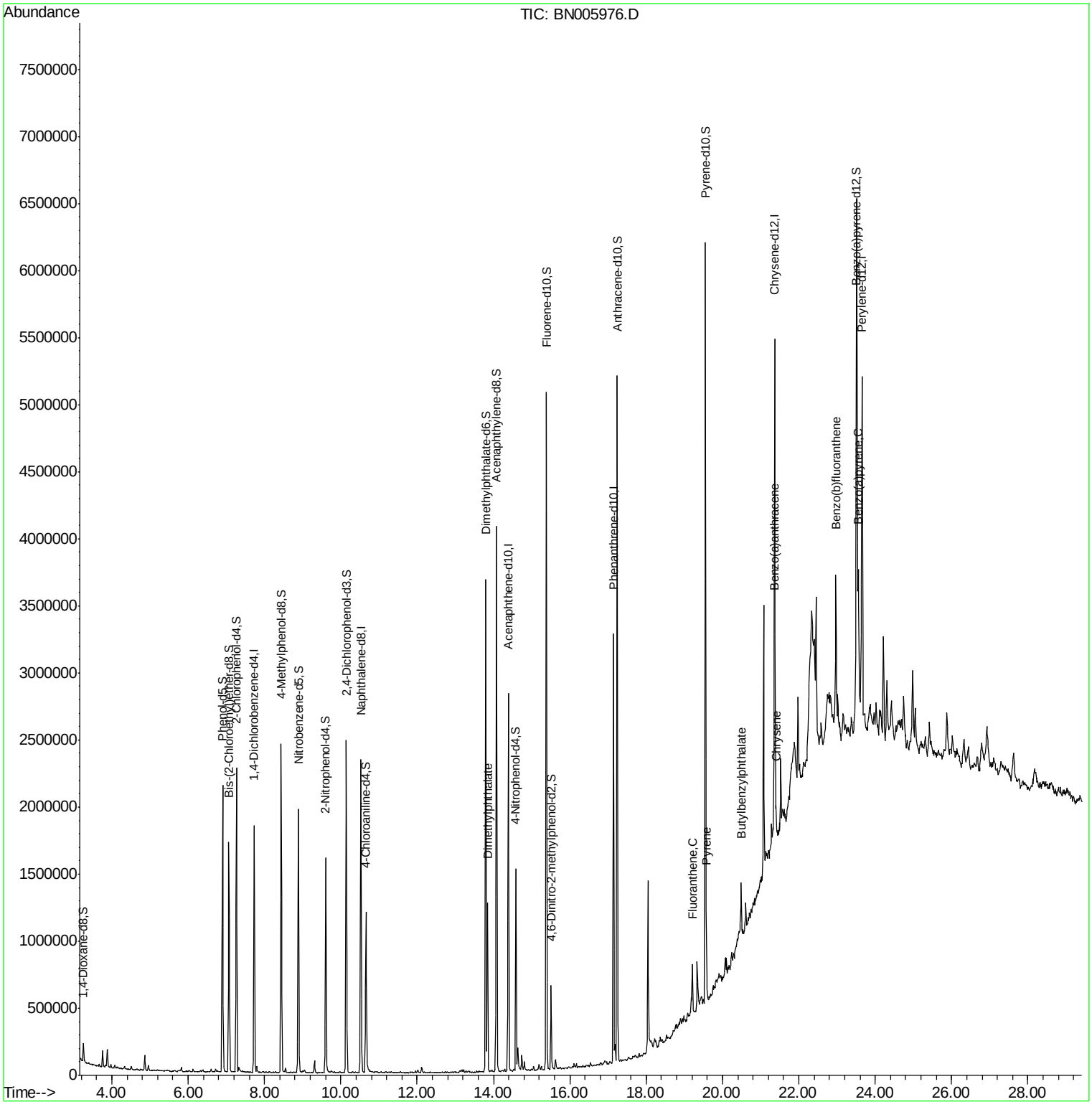
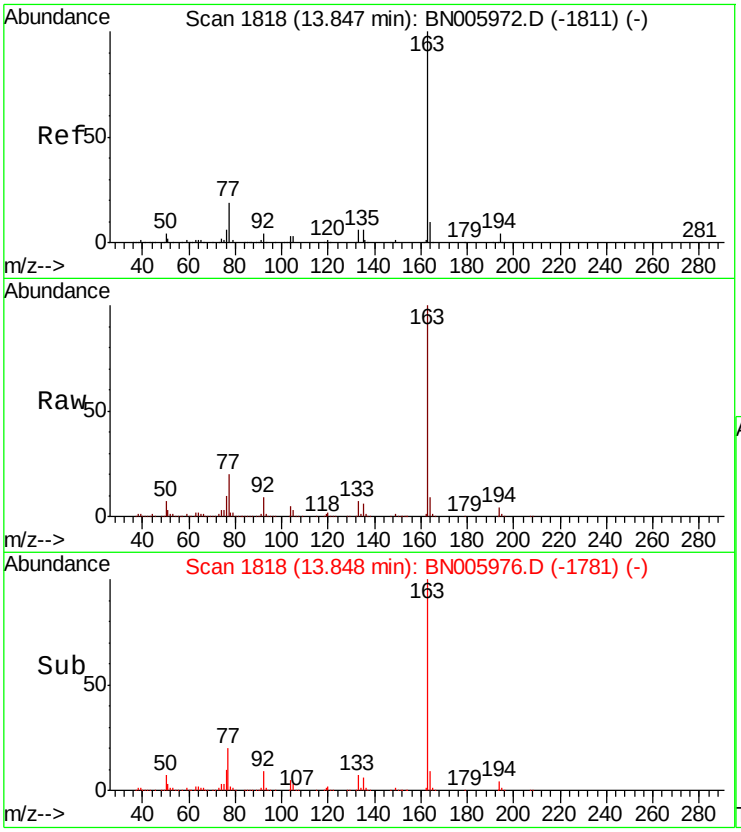


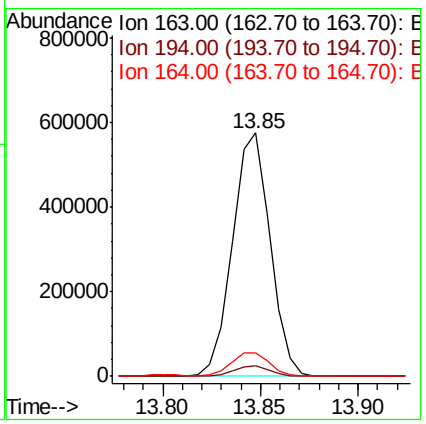


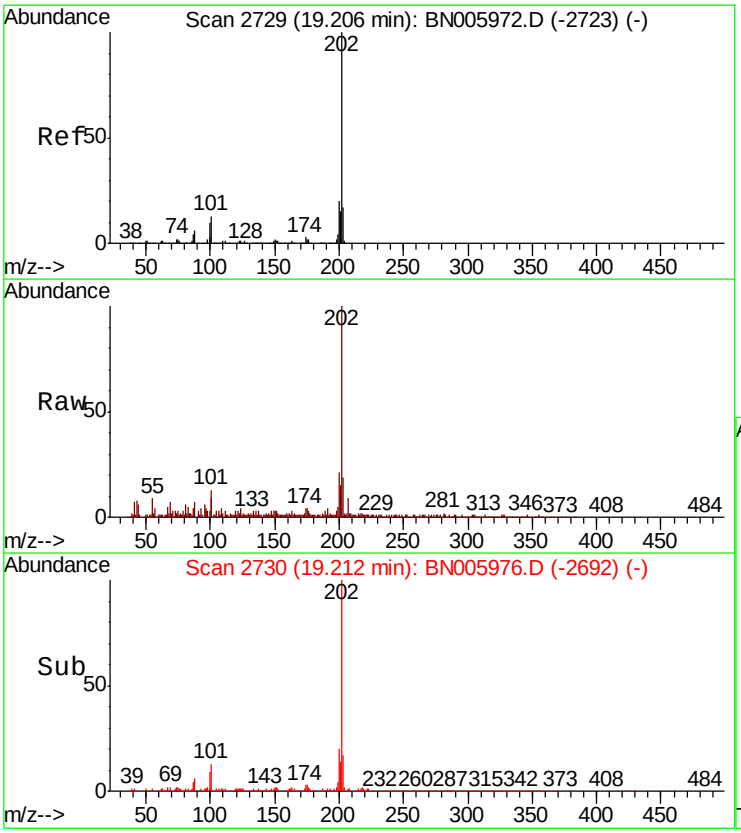
#44
Dimethylphthalate
Concen: 11.545 ng/ul
RT: 13.85 min Scan# 1818
Delta R.T. 0.02 min
Lab File: BN005976.D
Acq: 31 May 2019 11:34

Instrument :
BNA_N
ClientSampleId :
A4280

Tgt Ion:163 Resp: 766938

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.5	8.1	12.1

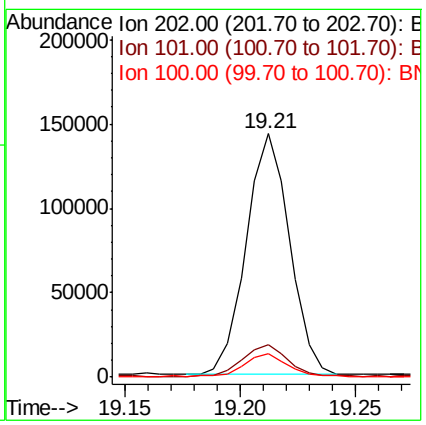


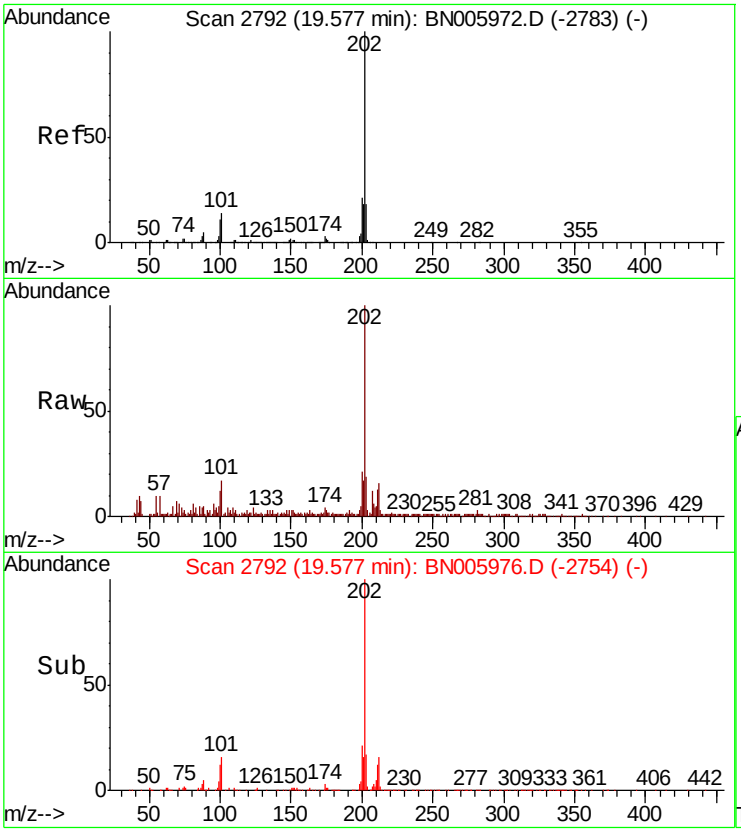


#76
Fluoranthene
Concen: 1.971 ng/ul
RT: 19.21 min Scan# 2730
Delta R.T. 0.03 min
Lab File: BN005976.D
Acq: 31 May 2019 11:34

Tgt Ion:202 Resp: 187045

Ion	Ratio	Lower	Upper
202	100		
101	13.4	8.6	12.8#
100	9.4	6.3	9.5



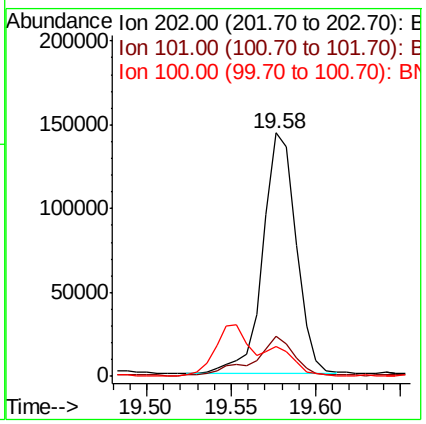


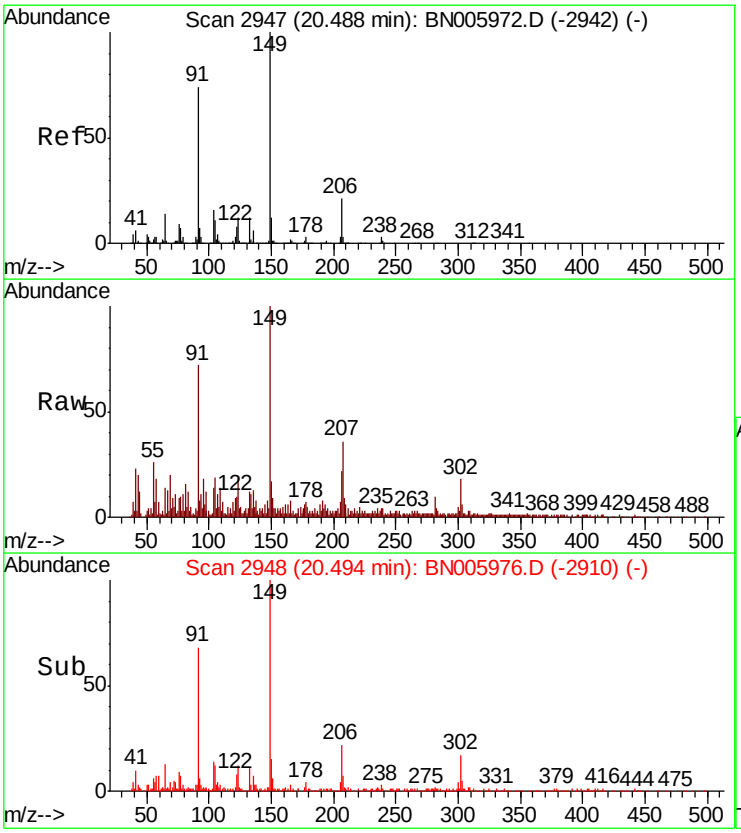
#79
Pyrene
Concen: 1.975 ng/ul
RT: 19.58 min Scan# 2792
Delta R.T. 0.03 min
Lab File: BN005976.D
Acq: 31 May 2019 11:34

Instrument :
BNA_N
ClientSampleId :
A4280

Tgt Ion:202 Resp: 195986

Ion	Ratio	Lower	Upper
202	100		
101	16.6	10.3	15.5#
100	12.3	7.9	11.9#

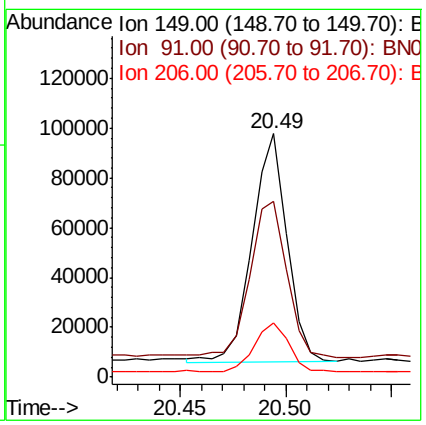


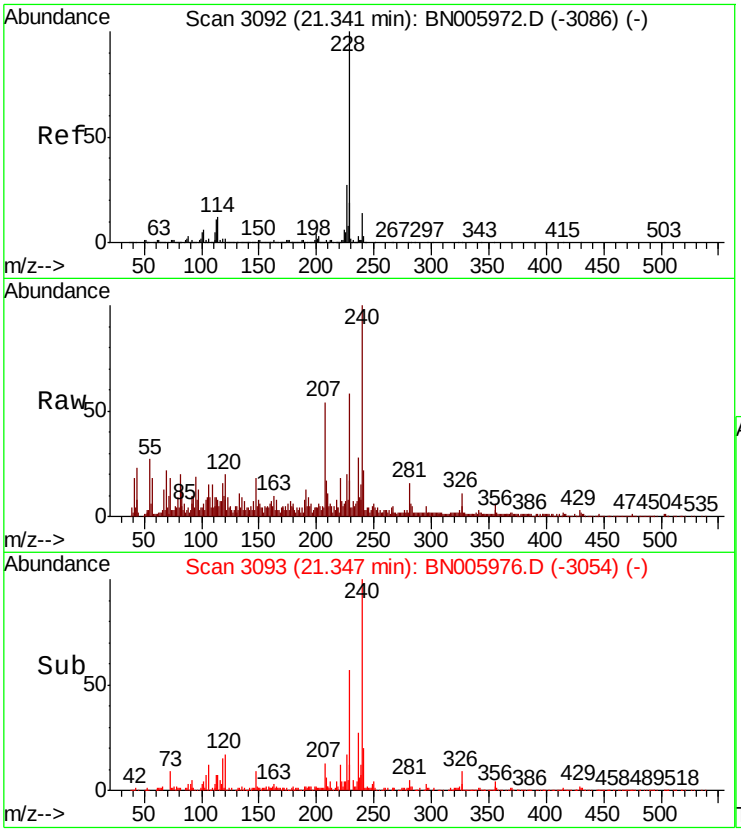


#80
Butylbenzylphthalate
Concen: 2.367 ng/ul
RT: 20.49 min Scan# 2948
Delta R.T. 0.03 min
Lab File: BN005976.D
Acq: 31 May 2019 11:34

Tgt Ion:149 Resp: 105539

Ion	Ratio	Lower	Upper
149	100		
91	72.4	59.6	89.4
206	22.4	17.8	26.8



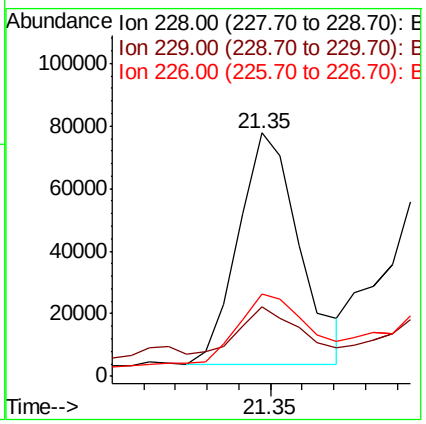


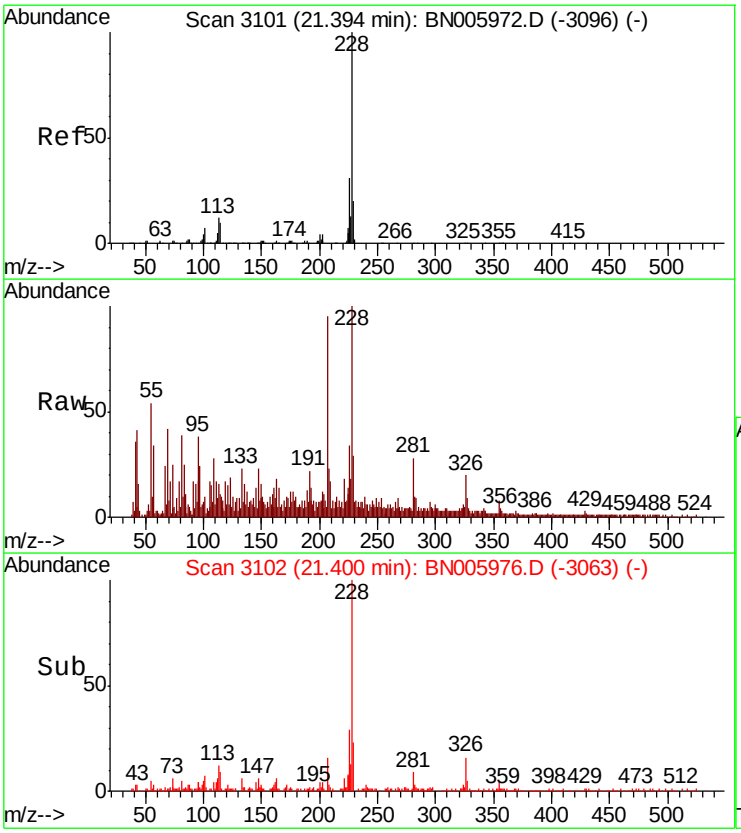
#82
Benzo(a)anthracene
Concen: 1.009 ng/ul
RT: 21.35 min Scan# 3093
Delta R.T. 0.03 min
Lab File: BN005976.D
Acq: 31 May 2019 11:34

Instrument :
BNA_N
ClientSampleId :
A4280

Tgt Ion:228 Resp: 99344

Ion	Ratio	Lower	Upper
228	100		
229	28.5	15.8	23.6#
226	34.0	21.4	32.2#

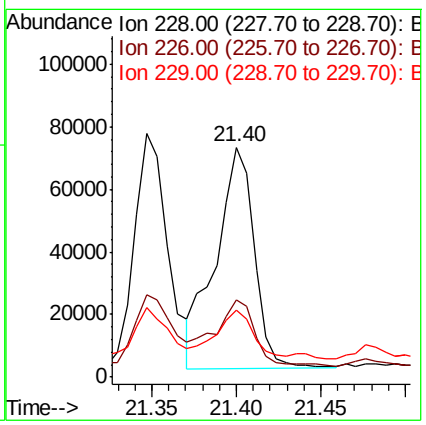


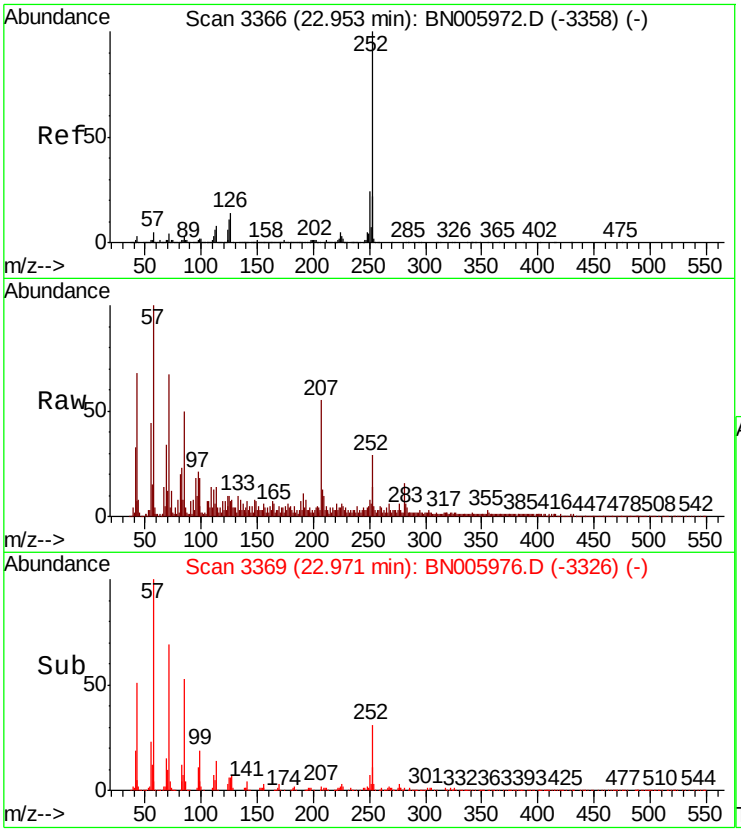


#84
Chrysene
Concen: 1.216 ng/ul
RT: 21.40 min Scan# 3102
Delta R.T. 0.03 min
Lab File: BN005976.D
Acq: 31 May 2019 11:34

Tgt Ion:228 Resp: 111656

Ion	Ratio	Lower	Upper
228	100		
226	33.6	24.0	36.0
229	29.0	15.4	23.0#



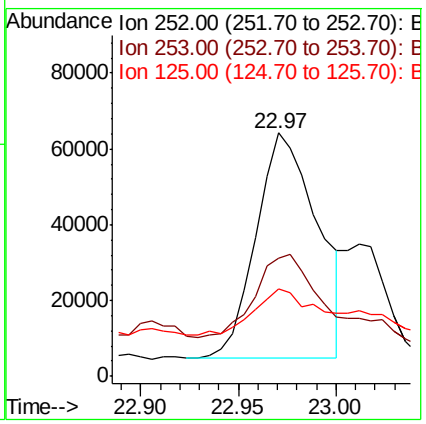


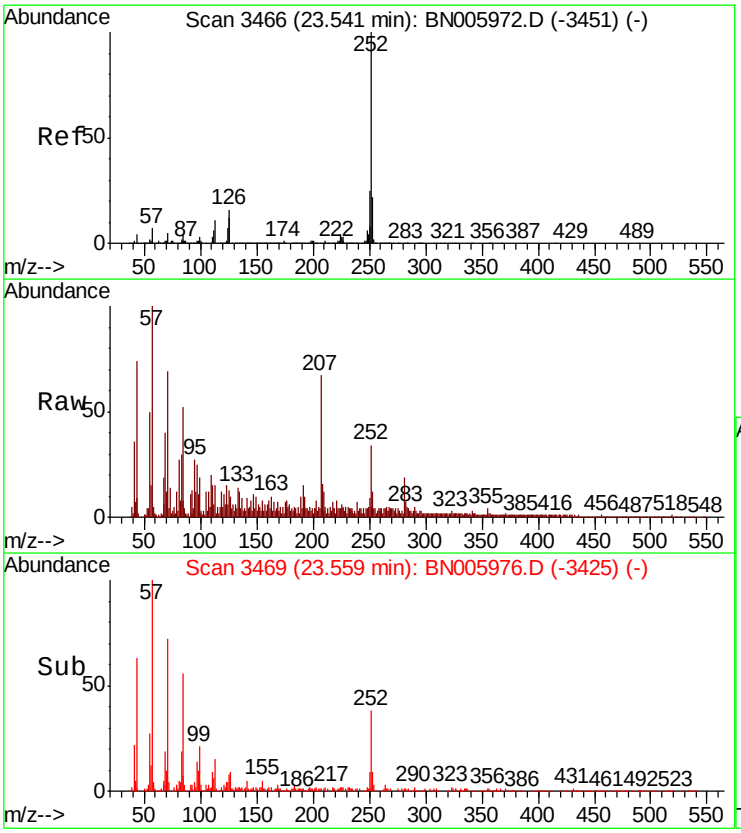
#87
Benzo(b)fluoranthene
Concen: 1.261 ng/ul
RT: 22.97 min Scan# 3369
Delta R.T. 0.05 min
Lab File: BN005976.D
Acq: 31 May 2019 11:34

Instrument :
BNA_N
ClientSampleId :
A4280

Tgt Ion:252 Resp: 130433

Ion	Ratio	Lower	Upper
252	100		
253	48.7	17.7	26.5#
125	36.0	8.4	12.6#





#90
Benzo(a)pyrene
Concen: 1.022 ng/ul
RT: 23.56 min Scan# 3469
Delta R.T. 0.06 min
Lab File: BN005976.D
Acq: 31 May 2019 11:34

Tgt Ion:252 Resp: 99681

Ion	Ratio	Lower	Upper
252	100		
253	36.0	17.3	25.9#
125	37.3	8.6	13.0#