Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005927.D
Acq On : 29 May 2019 13:18
Operator : JU/SJ
Sample : K2928-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42C3

Quant Time: May 29 13:59:54 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	160046	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	750894	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	456750	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	1107804	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1187155	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1328291	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	21800	5.99	ng/uL	0.00
5) Phenol-d5	6.89	99	388201	27.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	283471	35.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	335231	31.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	230581	20.14	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	173664	36.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	170273	37.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	318472	30.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	385356	27.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	1238021	36.77	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1433996	34.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	128073	20.90	ng/ul	0.00
57) Fluorene-d10	15.36	176	1063636	37.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	90673	20.08	ng/ul	0.00
70) Anthracene-d10	17.22	188	1581667	33.55	ng/ul	0.00
78) Pyrene-d10	19.52	212	1899426	31.68	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1932987	32.61	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.92	94	22831	1.562	ng/ul	97
28) Naphthalene	10.56	128	40791	1.145	ng/ul#	93
34) 2-Methylnaphthalene	12.17	142	29583	1.127	ng/ul	100
44) Dimethylphthalate	13.82	163	452278	13.439	ng/ul	99
69) Phenanthrene	17.16	178	402482	7.333	ng/ul	100
76) Fluoranthene	19.19	202	548431	9.360	ng/ul#	93
79) Pyrene	19.55	202	500656	6.658	ng/ul#	92
82) Benzo(a)anthracene	21.32	228	341636	4.578	ng/ul#	89
84) Chrysene	21.37	228	538434	7.736	ng/ul#	94
87) Benzo(b)fluoranthene	22.92	252	503518	6.749	ng/ul#	96
88) Benzo(k)fluoranthene	22.96	252	161183	2.350	ng/ul#	91
90) Benzo(a)pyrene	23.50	252	318460	4.526	ng/ul#	92
91) Indeno(1,2,3-cd)pyrene	25.87	276	182653	2.212	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.87	278	75791	1.103	ng/ul#	65
93) Benzo(g,h,i)perylene	26.57	276	141083	2.029	ng/ul#	90

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

Quantitation Report (LSC Reviewed)

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
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Quant Time: May 29 13:59:54 2019
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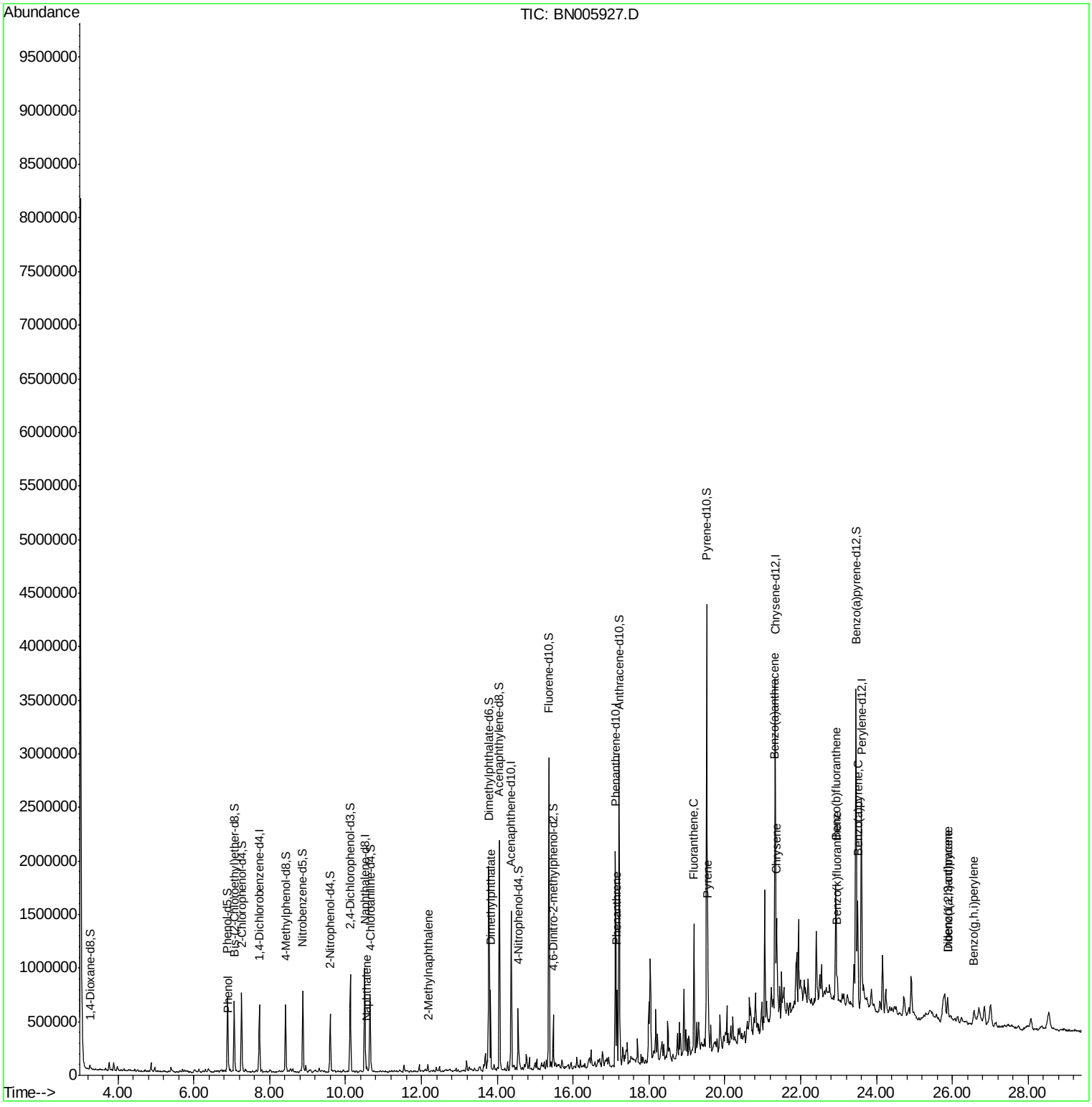
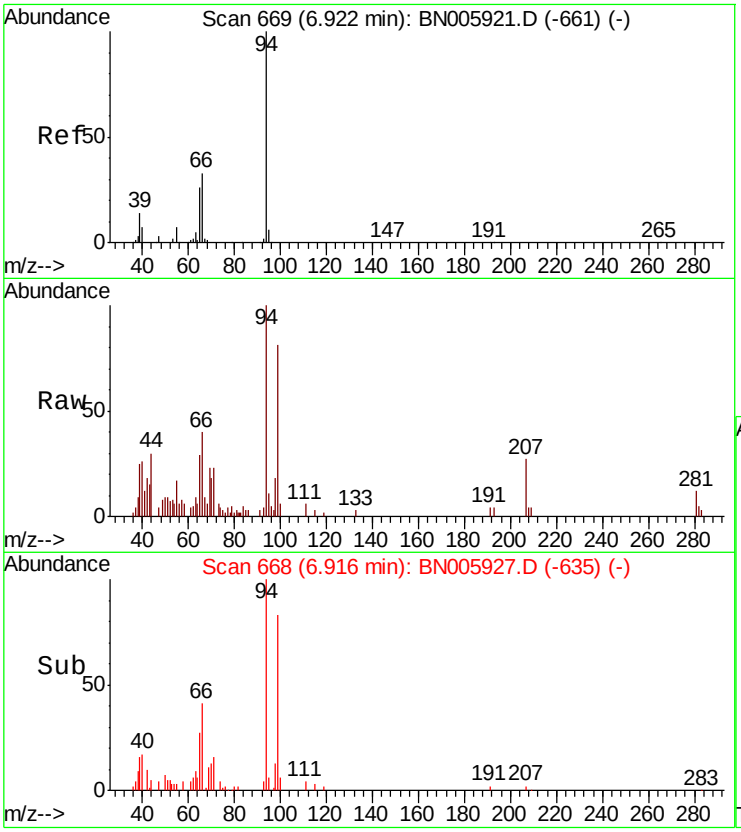
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration



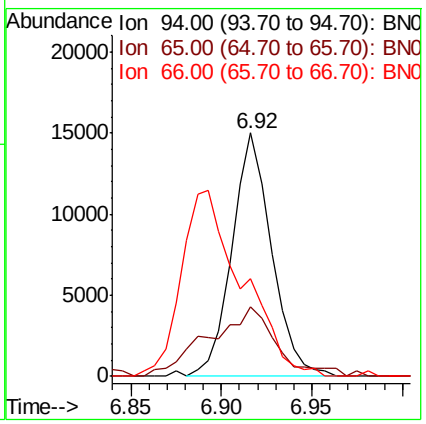


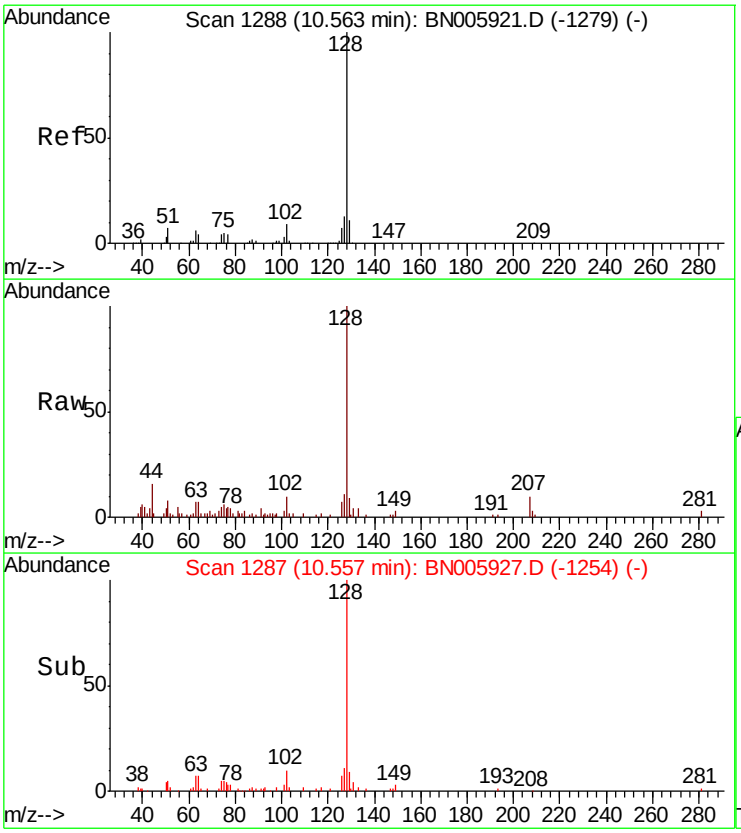
#6
Phenol
Concen: 1.562 ng/ul
RT: 6.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BN005927.D
Acq: 29 May 2019 13:18

Instrument :
BNA_N
ClientSampleId :
A42C3

Tgt Ion: 94 Resp: 22831

Ion	Ratio	Lower	Upper
94	100		
65	28.5	24.2	36.4
66	40.1	33.8	50.6

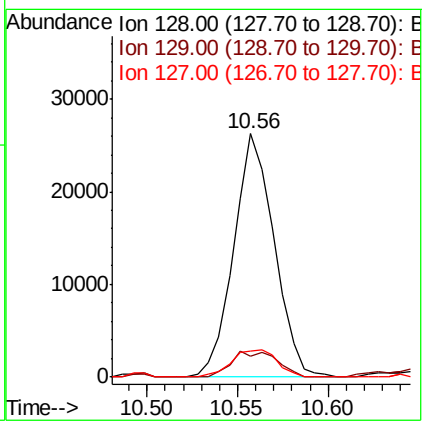


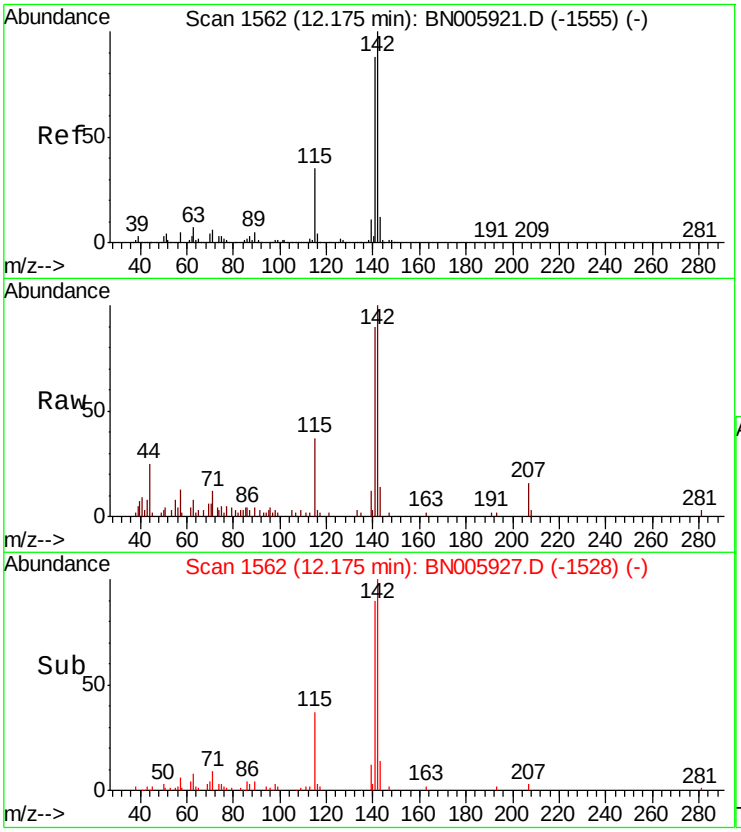


#28
Naphthalene
Concen: 1.145 ng/ul
RT: 10.56 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BN005927.D
Acq: 29 May 2019 13:18

Tgt Ion:128 Resp: 40791

Ion	Ratio	Lower	Upper
128	100		
129	8.6	9.2	13.8#
127	10.7	10.7	16.1



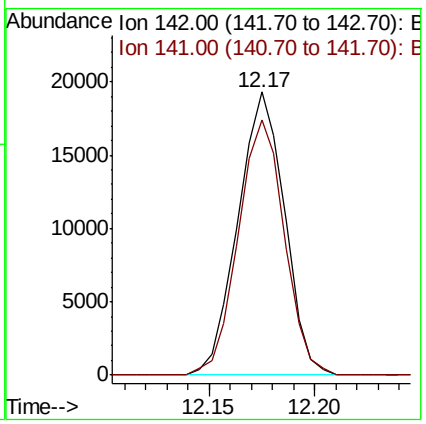


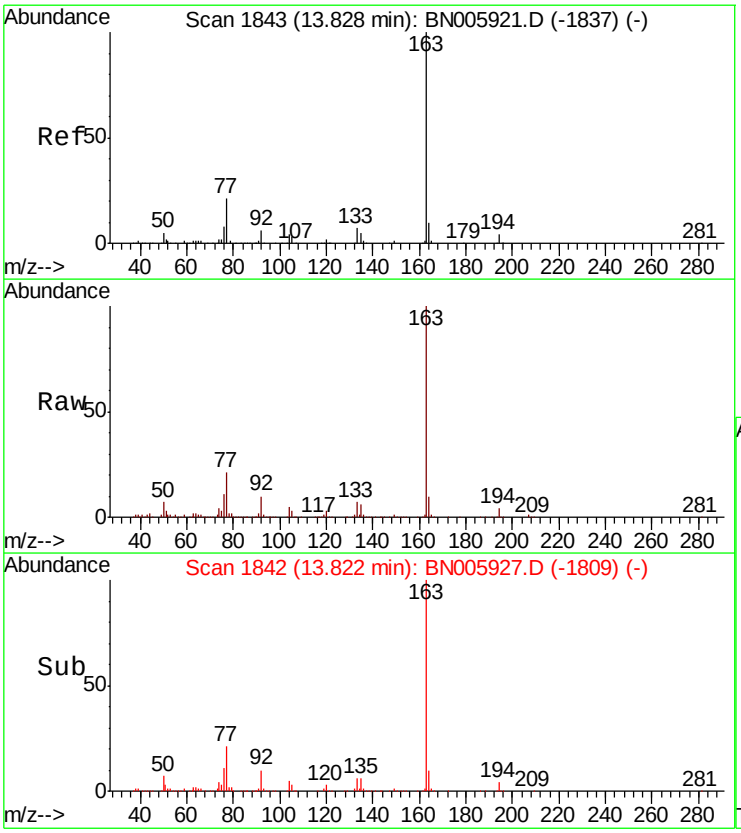
#34
2-Methylnaphthalene
Concen: 1.127 ng/ul
RT: 12.17 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BN005927.D
Acq: 29 May 2019 13:18

Instrument :
BNA_N
ClientSampleId :
A42C3

Tgt Ion:142 Resp: 29583

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.0	108.0

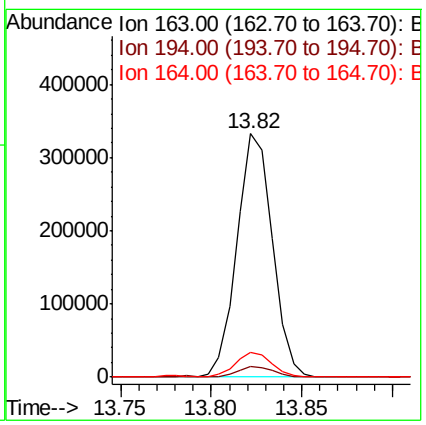


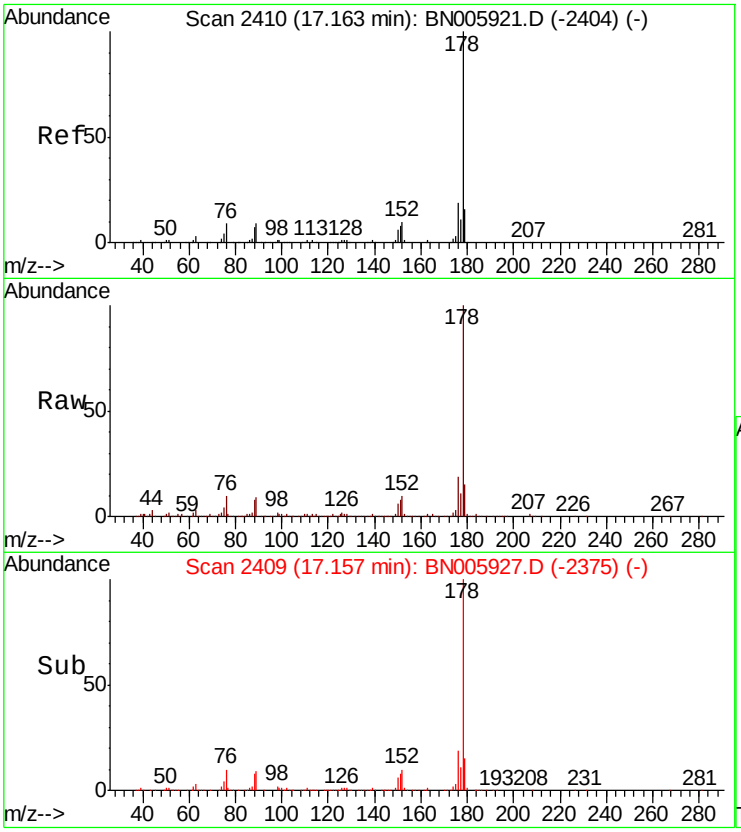


#44
Dimethylphthalate
Concen: 13.439 ng/ul
RT: 13.82 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BN005927.D
Acq: 29 May 2019 13:18

Tgt Ion:163 Resp: 452278

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.4	8.1	12.1



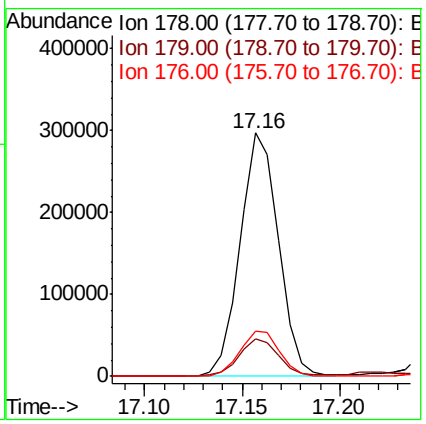


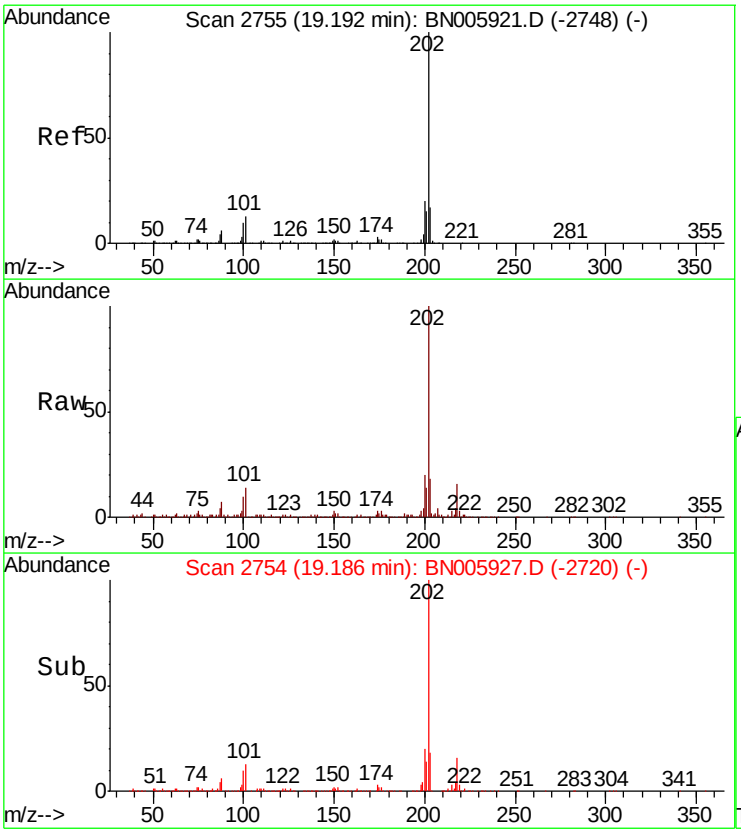
#69
Phenanthrene
Concen: 7.333 ng/ul
RT: 17.16 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BN005927.D
Acq: 29 May 2019 13:18

Instrument :
BNA_N
ClientSampleId :
A42C3

Tgt Ion:178 Resp: 402482

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.8	15.1	22.7

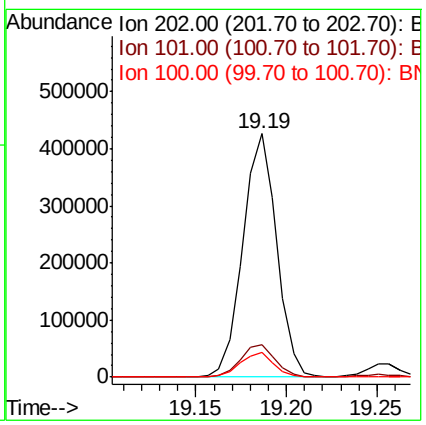


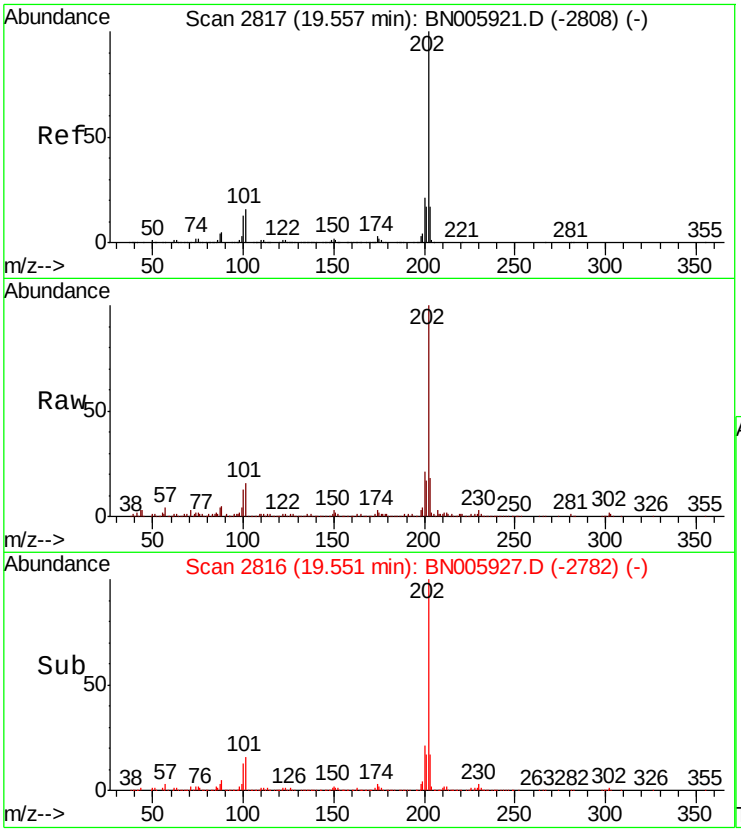


#76
Fluoranthene
Concen: 9.360 ng/ul
RT: 19.19 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BN005927.D
Acq: 29 May 2019 13:18

Tgt Ion:202 Resp: 548431

Ion	Ratio	Lower	Upper
202	100		
101	13.5	8.6	12.8#
100	10.1	6.3	9.5#



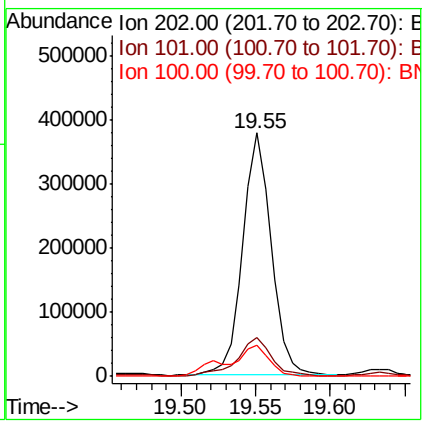


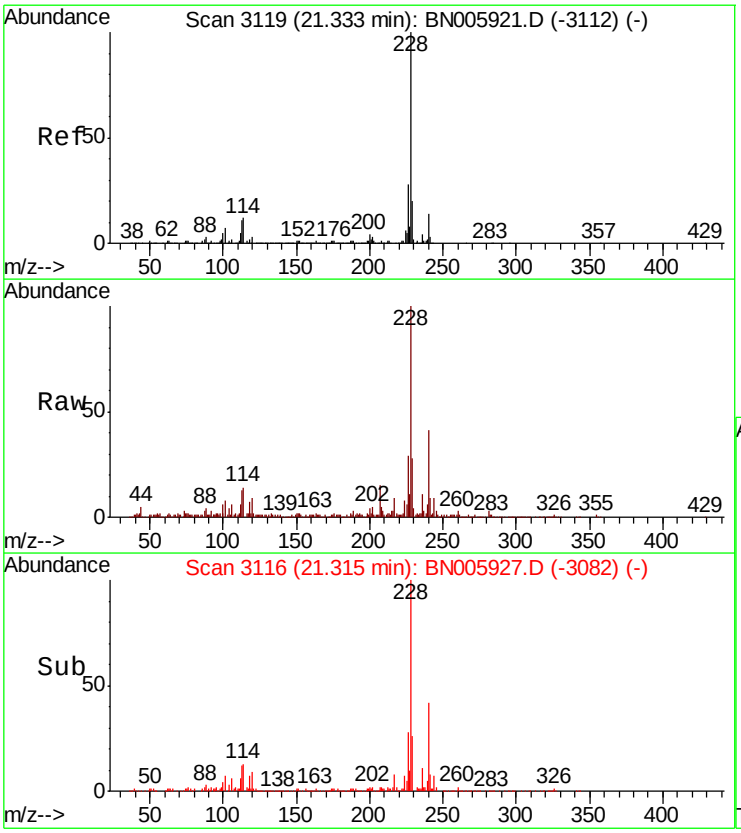
#79
Pyrene
Concen: 6.658 ng/ul
RT: 19.55 min Scan# 2816
Delta R.T. -0.00 min
Lab File: BN005927.D
Acq: 29 May 2019 13:18

Instrument :
BNA_N
ClientSampleId :
A42C3

Tgt Ion:202 Resp: 500656

Ion	Ratio	Lower	Upper
202	100		
101	16.1	10.3	15.5#
100	12.6	7.9	11.9#

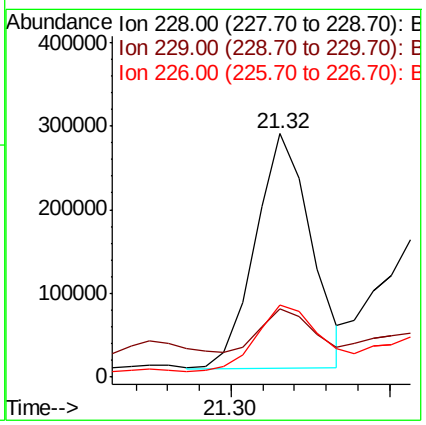


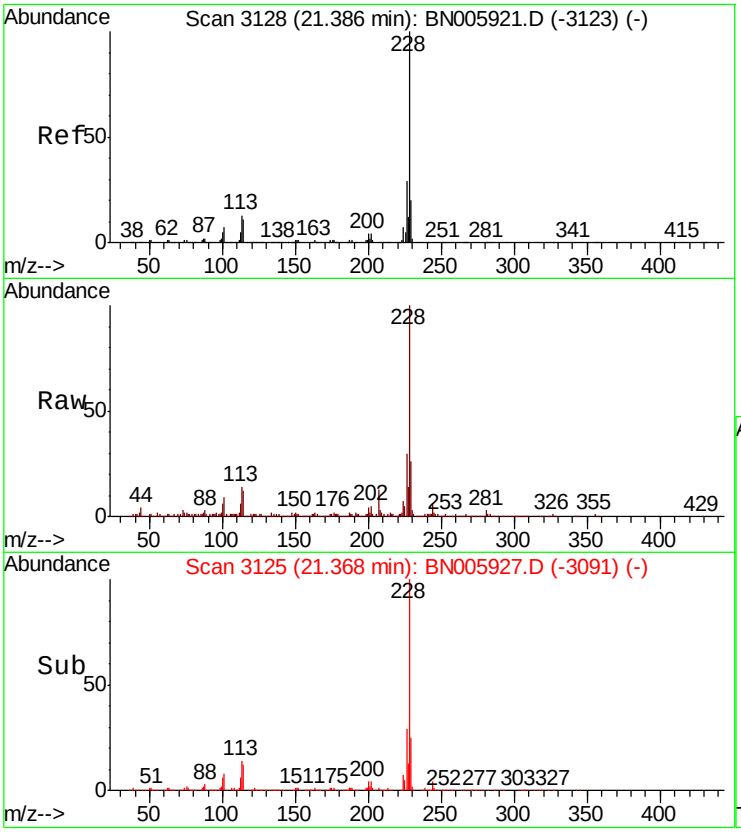


#82
Benzo(a)anthracene
Concen: 4.578 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BN005927.D
Acq: 29 May 2019 13:18

Tgt Ion:228 Resp: 341636

Ion	Ratio	Lower	Upper
228	100		
229	28.2	15.8	23.6#
226	29.4	21.4	32.2



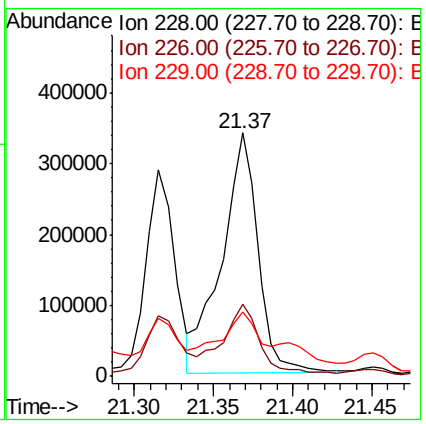


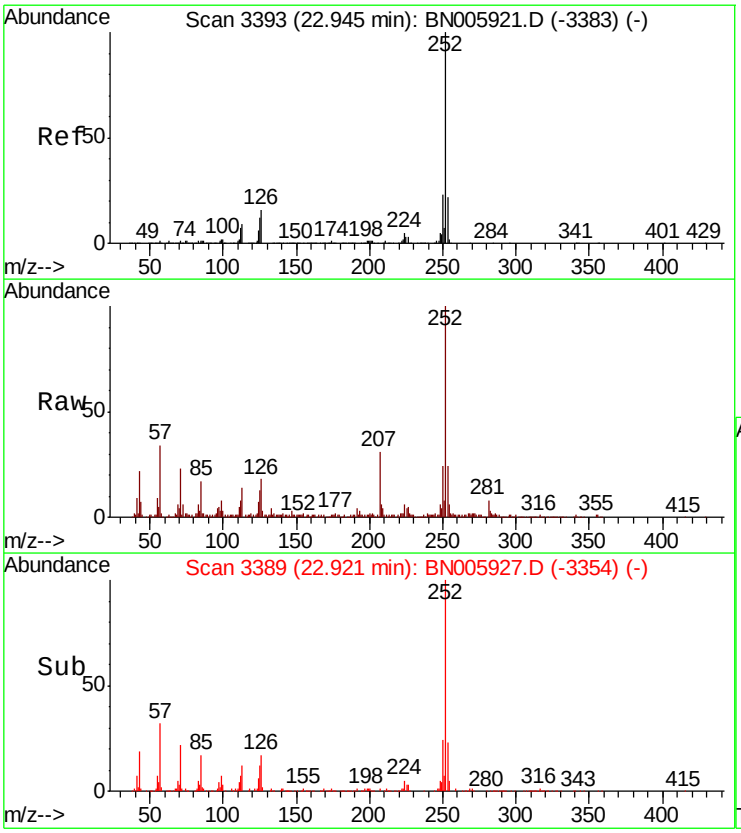
#84
Chrysene
Concen: 7.736 ng/ul
RT: 21.37 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BN005927.D
Acq: 29 May 2019 13:18

Instrument :
BNA_N
ClientSampleId :
A42C3

Tgt Ion:228 Resp: 538434

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	26.2	15.4	23.0#

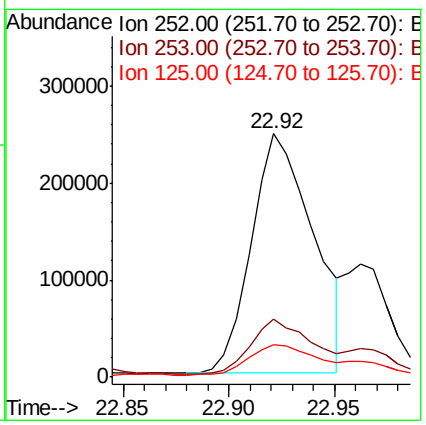


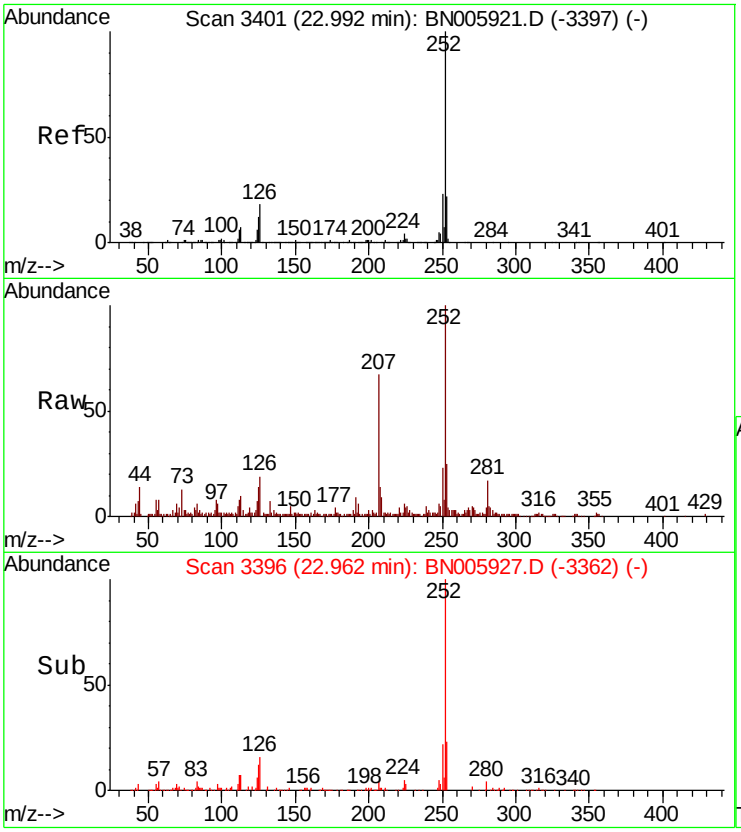


#87
Benzo(b)fluoranthene
Concen: 6.749 ng/ul
RT: 22.92 min Scan# 3389
Delta R.T. 0.01 min
Lab File: BN005927.D
Acq: 29 May 2019 13:18

Tgt Ion:252 Resp: 503518

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	13.2	8.4	12.6#



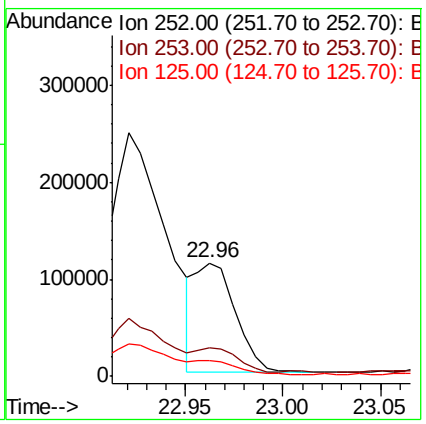


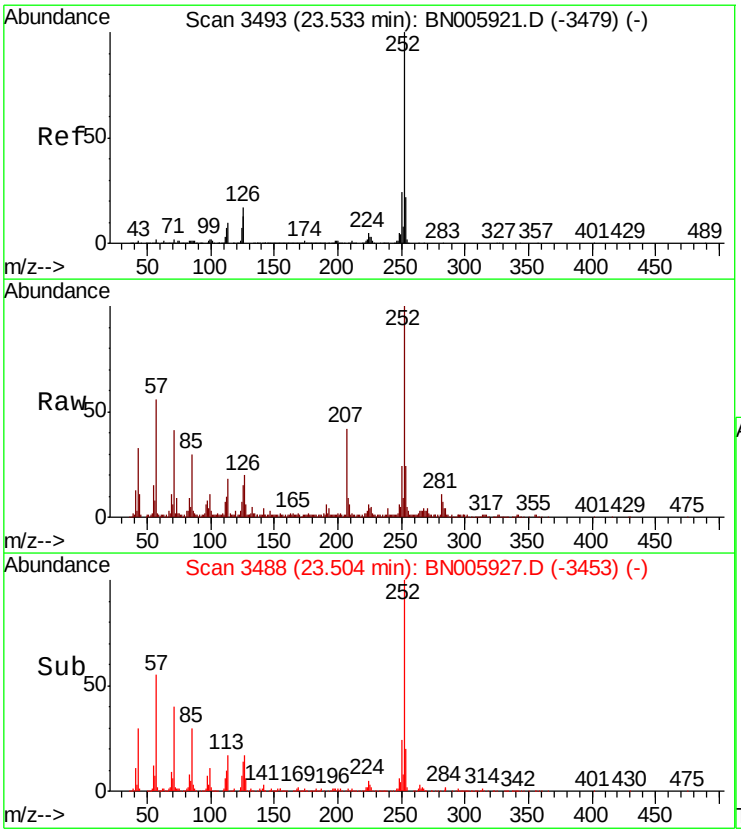
#88
Benzo(k)fluoranthene
Concen: 2.350 ng/ul
RT: 22.96 min Scan# 3396
Delta R.T. -0.00 min
Lab File: BN005927.D
Acq: 29 May 2019 13:18

Instrument :
BNA_N
ClientSampleId :
A42C3

Tgt Ion:252 Resp: 161183

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.4	26.0
125	13.9	7.5	11.3#

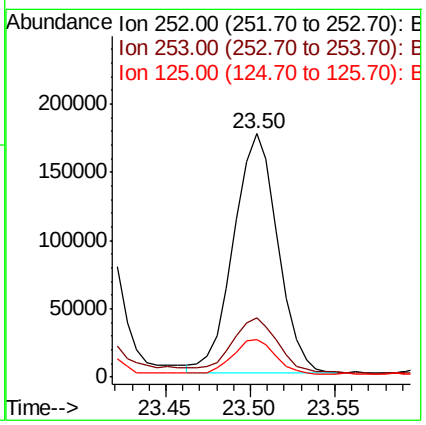


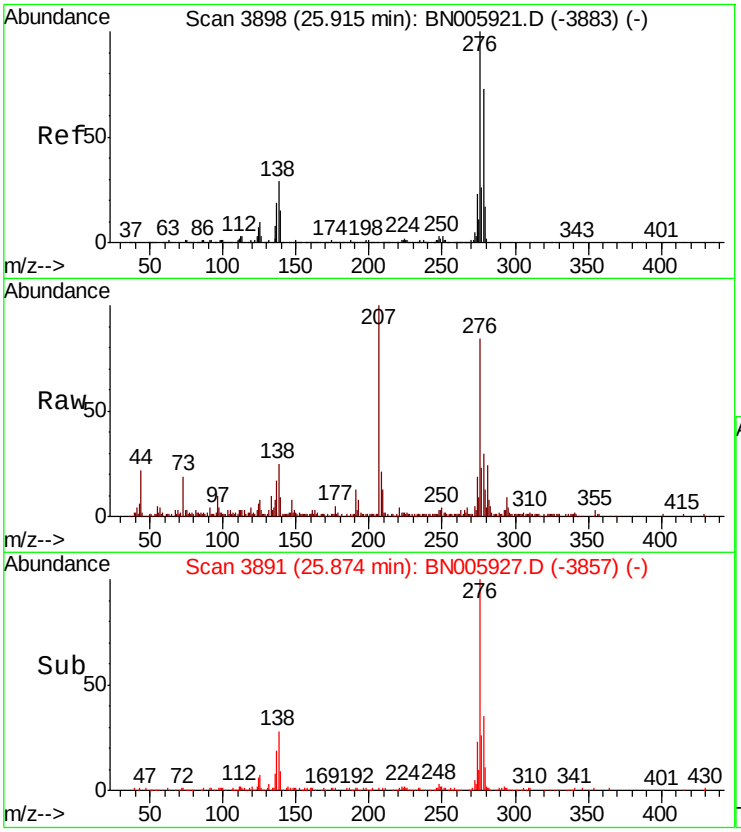


#90
Benzo(a)pyrene
Concen: 4.526 ng/ul
RT: 23.50 min Scan# 3488
Delta R.T. 0.01 min
Lab File: BN005927.D
Acq: 29 May 2019 13:18

Tgt Ion:252 Resp: 318460

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.3	25.9
125	15.3	8.6	13.0#



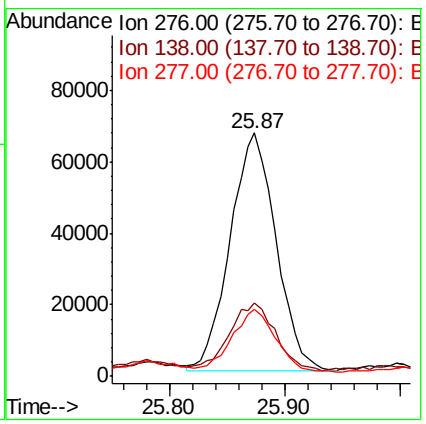


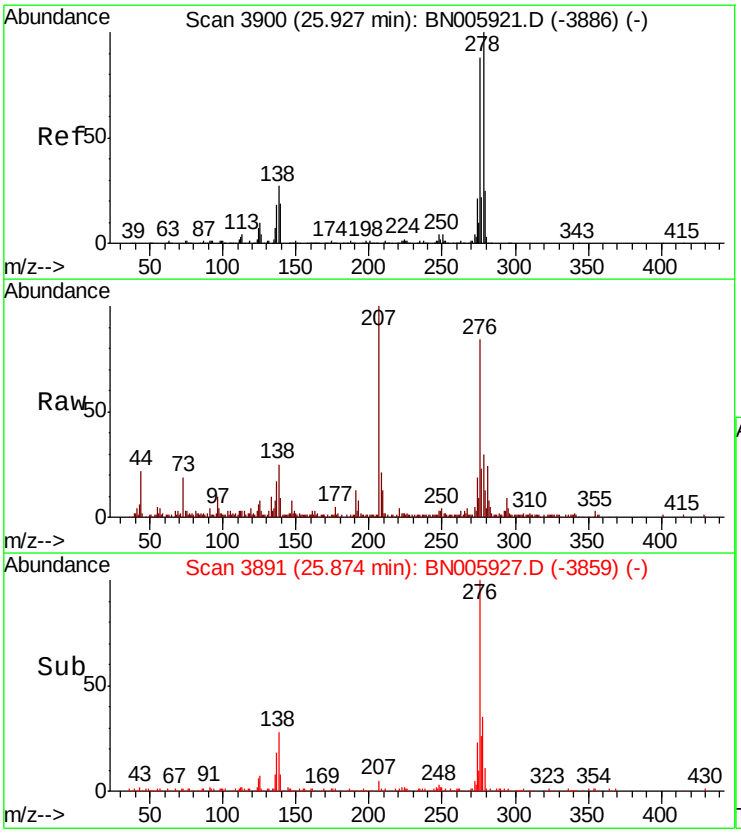
#91
Indeno(1,2,3-cd)pyrene
Concen: 2.212 ng/ul
RT: 25.87 min Scan# 3891
Delta R.T. -0.00 min
Lab File: BN005927.D
Acq: 29 May 2019 13:18

Instrument :
BNA_N
ClientSampleId :
A42C3

Tgt Ion:276 Resp: 182653

Ion	Ratio	Lower	Upper
276	100		
138	30.3	17.9	26.9#
277	27.7	19.7	29.5

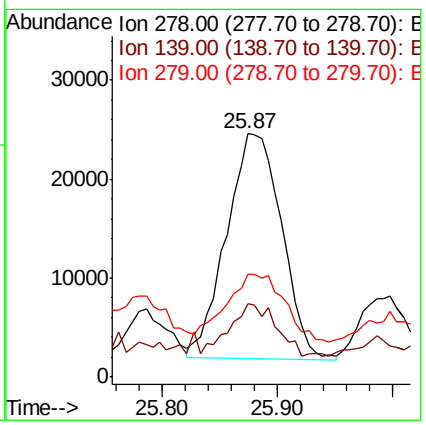


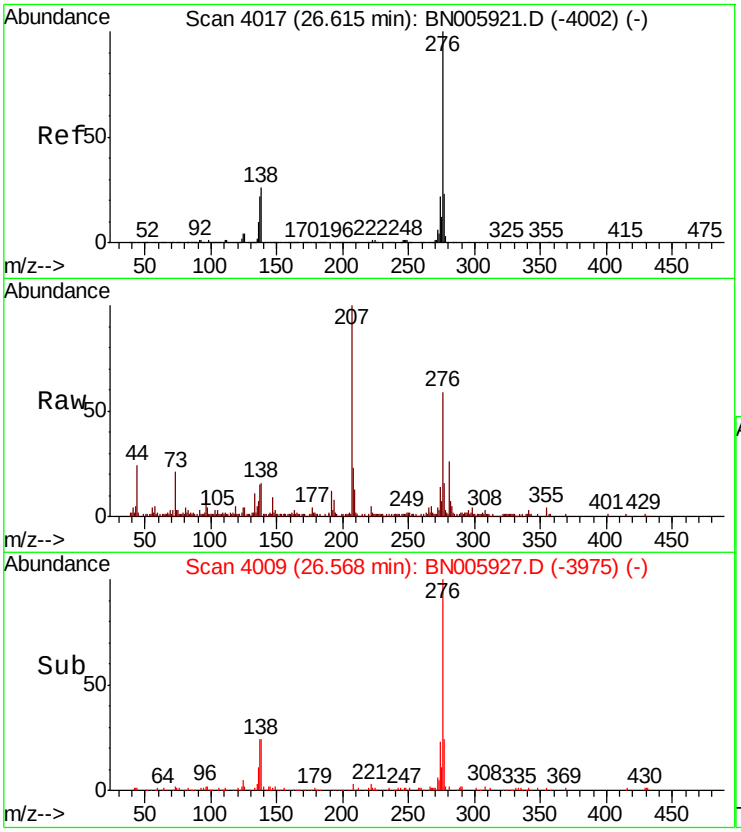


#92
Dibenzo(a,h)anthracene
Concen: 1.103 ng/ul
RT: 25.87 min Scan# 3891
Delta R.T. -0.01 min
Lab File: BN005927.D
Acq: 29 May 2019 13:18

Tgt Ion:278 Resp: 75791

Ion	Ratio	Lower	Upper
278	100		
139	30.1	13.1	19.7#
279	42.2	19.4	29.0#





#93
Benzo(g,h,i)perylene
Concen: 2.029 ng/ul
RT: 26.57 min Scan# 4009
Delta R.T. -0.00 min
Lab File: BN005927.D
Acq: 29 May 2019 13:18

Instrument :
BNA_N
ClientSampleId :
A42C3

Tgt Ion:276 Resp: 141083

Ion	Ratio	Lower	Upper
276	100		
138	27.0	16.7	25.1#
277	26.4	18.2	27.2