

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
 Data File : BN001978.D
 Acq On : 05 Jul 2018 21:27
 Operator : JU/SJ
 Sample : J3721-22DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H23DL

Manual Integrations
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Quant Time: Jul 06 03:43:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 04 00:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	629439	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2801178	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1581793	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3221223	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	2259098	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2139593	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	10626	0.73	ng/uL	0.00
5) Phenol-d5	6.88	99	219225	3.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	162908	4.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	195879	4.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	179336	3.93	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	99671	4.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	101464	4.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	195008	4.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	178294	3.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	646268	4.84	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	817142	4.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	23737	0.96	ng/ul	0.00
57) Fluorene-d10	15.33	176	579714	4.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	35917	2.05	ng/ul	0.00
70) Anthracene-d10	17.18	188	798461	5.13	ng/ul	0.00
76) Pyrene-d10	19.48	212	764531	6.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	585760	5.03	ng/ul	0.00

Target Compounds

					Qvalue	
44) Dimethylphthalate	13.80	163	290614	2.214	ng/ul	98
47) Acenaphthylene	14.06	152	335268	2.106	ng/ul	100
71) Anthracene	17.22	178	633601	3.450	ng/ul	97
74) Fluoranthene	19.15	202	3228638	16.927	ng/ul#	89
77) Pyrene	19.51	202	6109912	43.218	ng/ul#	84
80) Benzo(a)anthracene	21.27	228	2279253	15.964	ng/ul	95
82) Chrysene	21.32	228	2380239	17.918	ng/ul	98
85) Benzo(b)fluoranthene	22.85	252	4789491	35.442	ng/ul#	95
86) Benzo(k)fluoranthene	22.89	252	1263735m	9.644	ng/ul	
88) Benzo(a)pyrene	23.42	252	2369142	18.761	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.74	276	1730841	12.881	ng/ul#	91
90) Dibenzo(a,h)anthracene	25.74	278	459575	4.109	ng/ul#	90
91) Benzo(g,h,i)perylene	26.43	276	1375157	12.406	ng/ul#	92

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

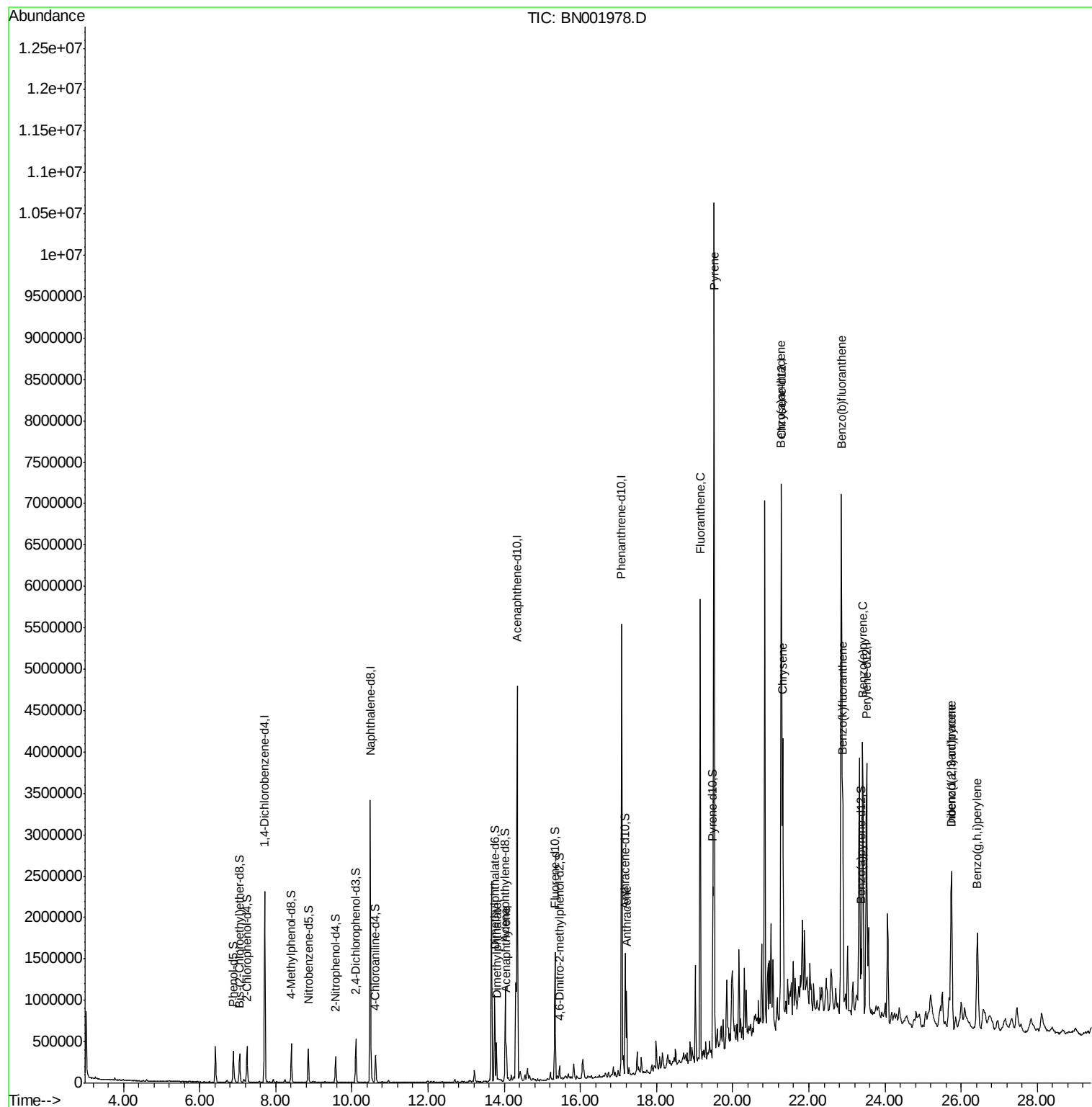
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001978.D
Acq On : 05 Jul 2018 21:27
Operator : JU/SJ
Sample : J3721-22DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

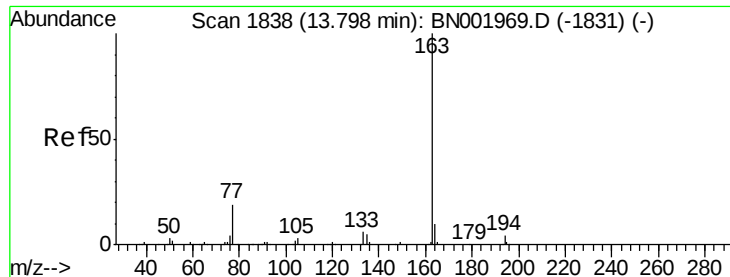
Instrument :
BNA_N
ClientSampleId :
F1H23DL

Quant Time: Jul 06 03:43:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
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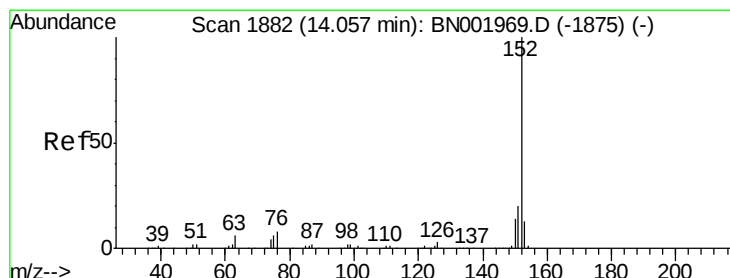
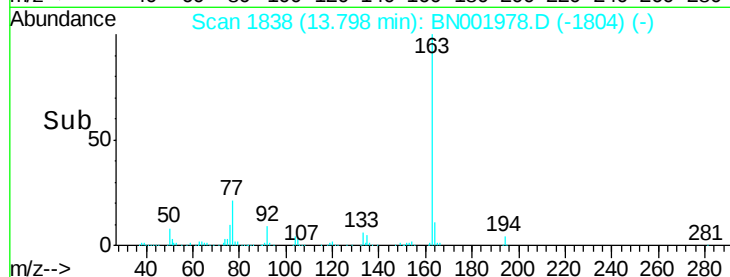
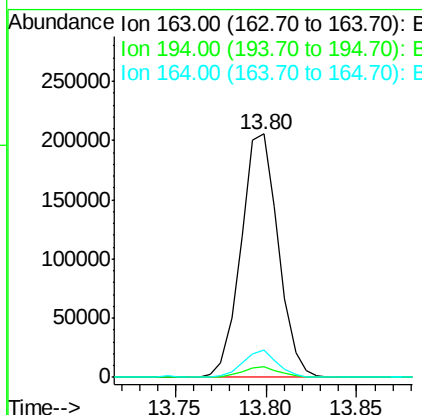
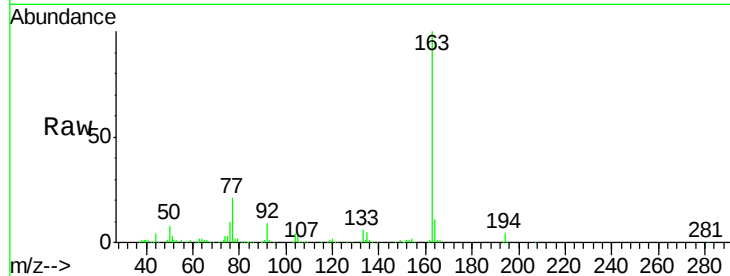
#44
Dimethylphthalate
Concen: 2.214 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BN001978.D
Acq: 05 Jul 2018 21:27

Instrument :
BNA_N
ClientSampled :
F1H23DL

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	290614		
194	4.5		4.0	6.0
164	11.1		8.4	12.6

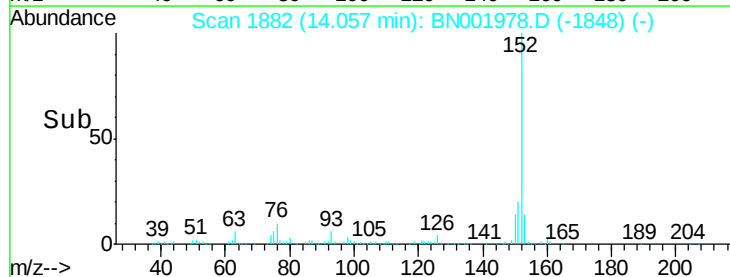
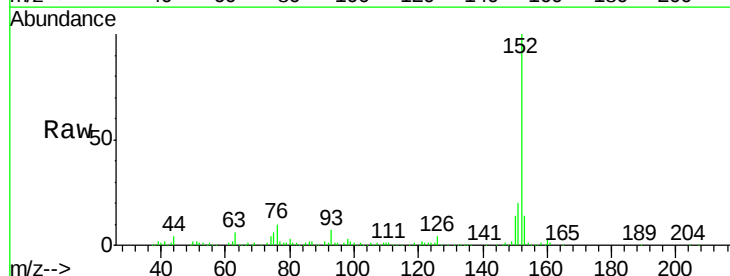
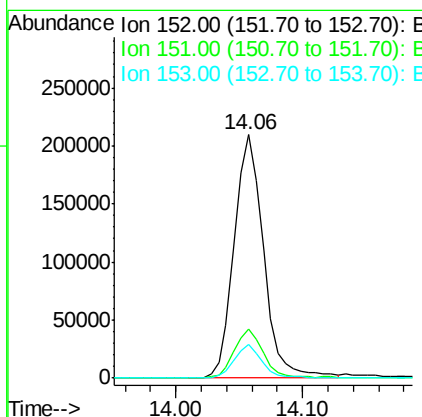
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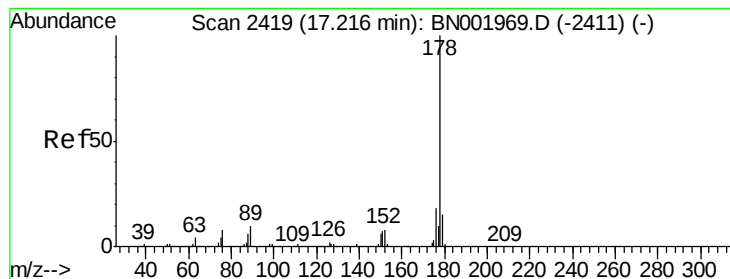
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#47
Acenaphthylene
Concen: 2.106 ng/ul
RT: 14.06 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BN001978.D
Acq: 05 Jul 2018 21:27

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	335268		
151	19.9		16.1	24.1
153	13.6		10.8	16.2





#71

Anthracene

Concen: 3.450 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BN001978.D

Acq: 05 Jul 2018 21:27

Instrument :

BNA_N

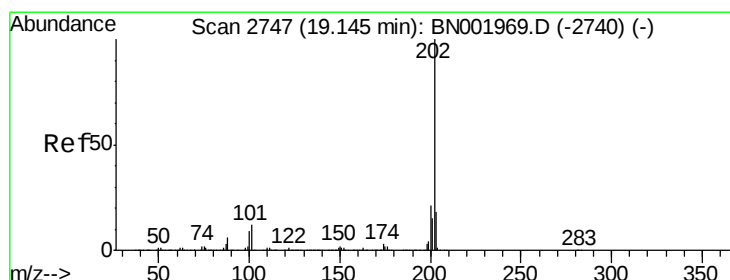
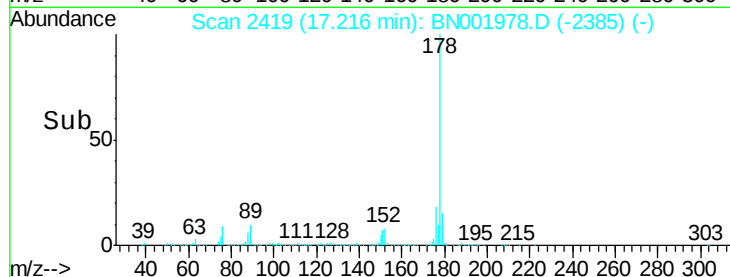
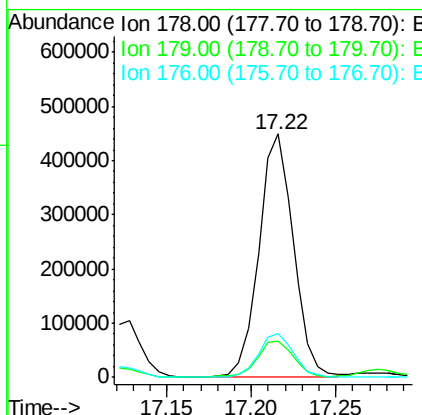
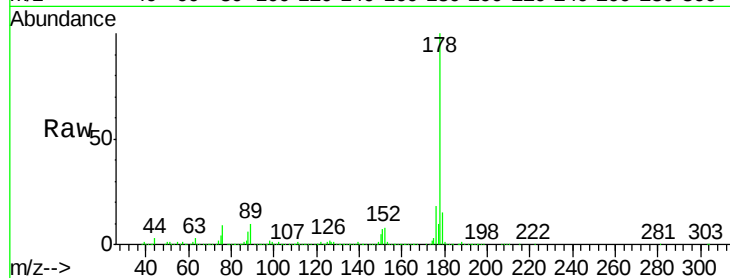
ClientSampleId :

F1H23DL

Tgt Ion:	178	Resp:	633601
Ion Ratio	Lower	Upper	
178	100		
179	15.1	13.4	20.2
176	18.1	15.4	23.0

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#74

Fluoranthene

Concen: 16.927 ng/ul

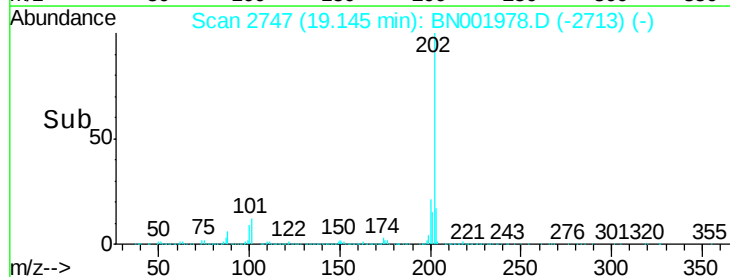
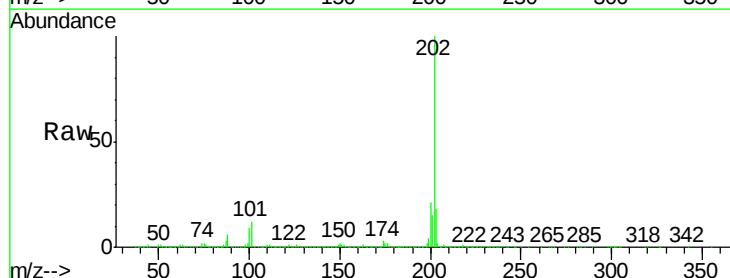
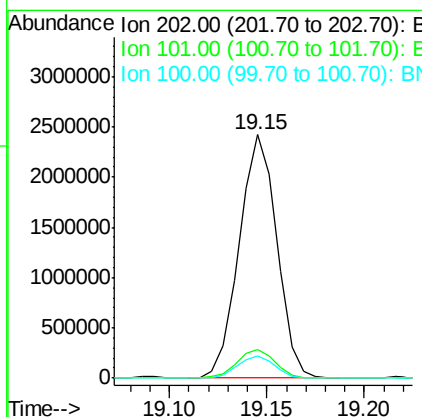
RT: 19.15 min Scan# 2747

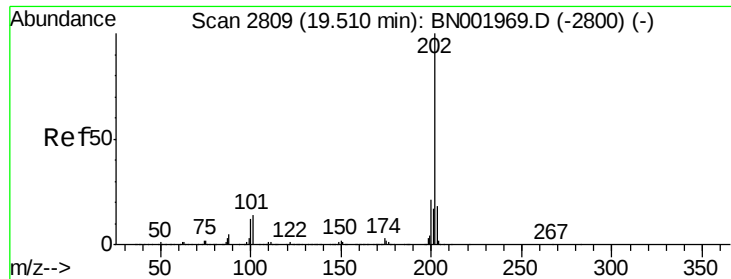
Delta R.T. 0.00 min

Lab File: BN001978.D

Acq: 05 Jul 2018 21:27

Tgt Ion:	202	Resp:	3228638
Ion Ratio	Lower	Upper	
202	100		
101	12.0	6.1	9.1#
100	9.0	4.6	7.0#





#77

Pyrene

Concen: 43.218 ng/ul

RT: 19.51 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BN001978.D

Acq: 05 Jul 2018 21:27

Instrument :

BNA_N

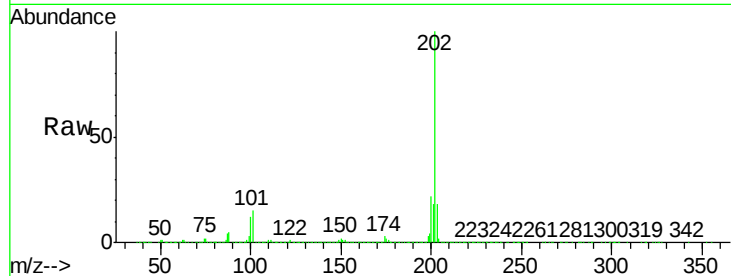
ClientSampled :

F1H23DL

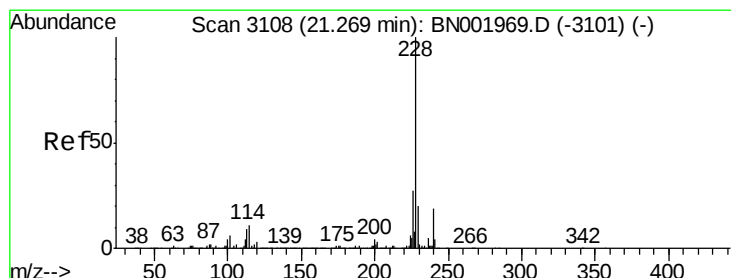
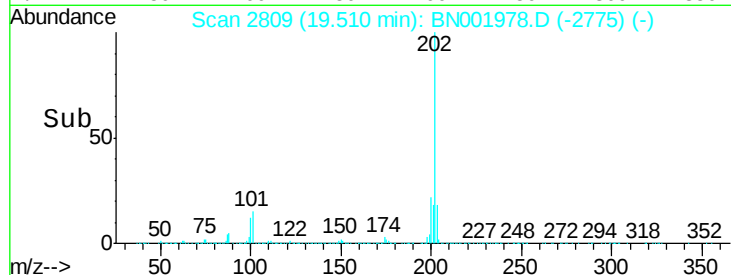
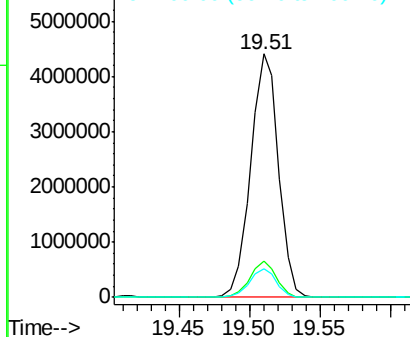
Tgt	Ion	Ratio	Lower	Upper
202	100			
101	14.7	6.9	10.3#	
100	12.0	5.6	8.4#	

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Abundance Ion 202.00 (201.70 to 202.70): E
6000000
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E



#80

Benzo(a)anthracene

Concen: 15.964 ng/ul

RT: 21.27 min Scan# 3108

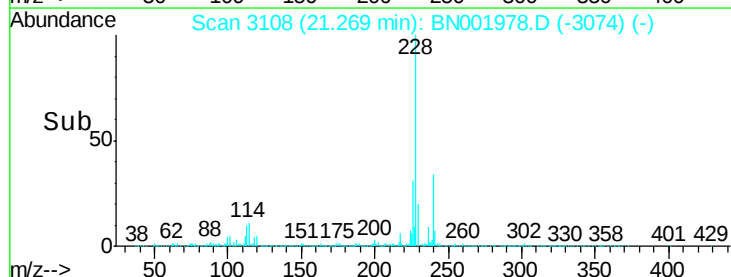
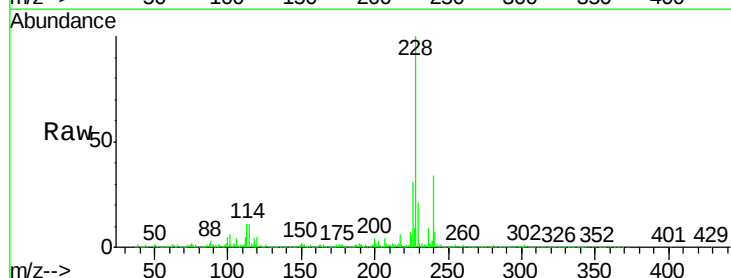
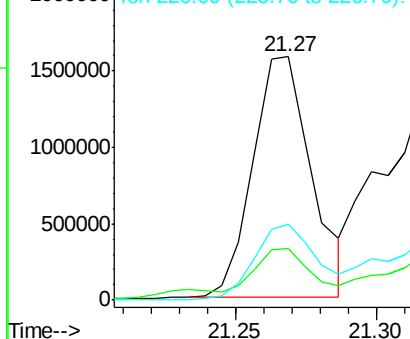
Delta R.T. 0.00 min

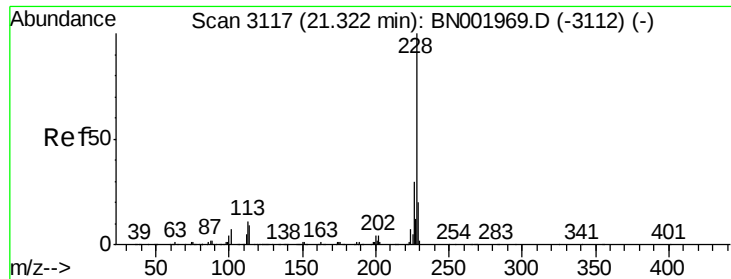
Lab File: BN001978.D

Acq: 05 Jul 2018 21:27

Tgt	Ion	Ratio	Lower	Upper
228	100			
229	21.0	16.0	24.0	
226	31.4	21.8	32.8	

Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





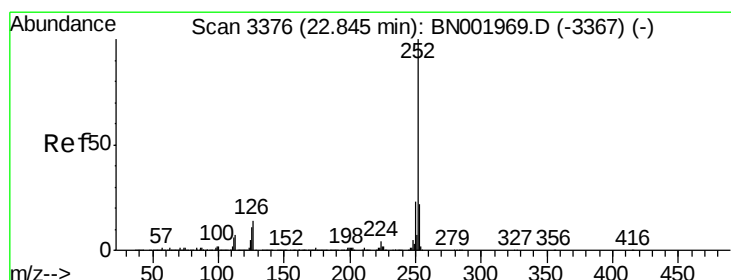
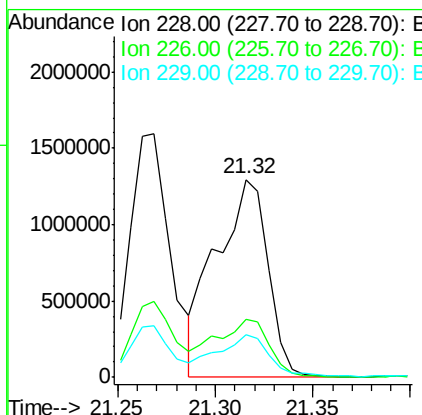
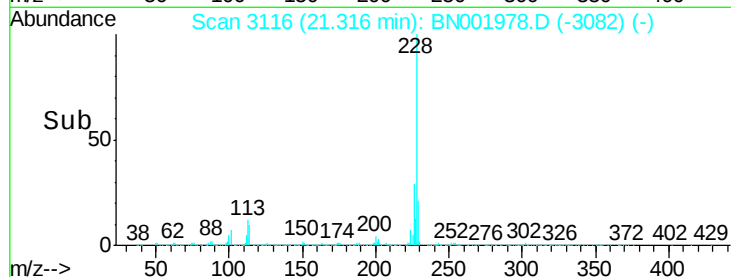
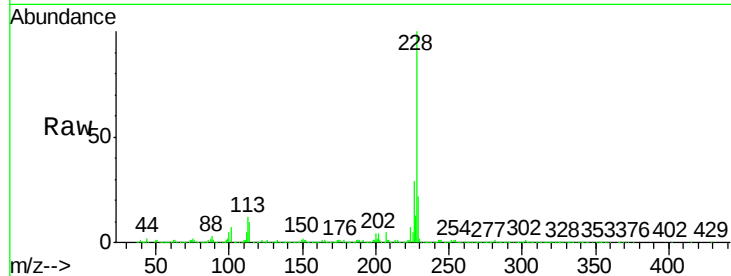
#82
Chrysene
Concen: 17.918 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. 0.00 min
Lab File: BN001978.D
Acq: 05 Jul 2018 21:27

Instrument :
BNA_N
ClientSampleId :
F1H23DL

Tgt Ion: 228 Resp: 2380239
Ion Ratio Lower Upper
228 100
226 29.4 24.1 36.1
229 21.7 16.0 24.0

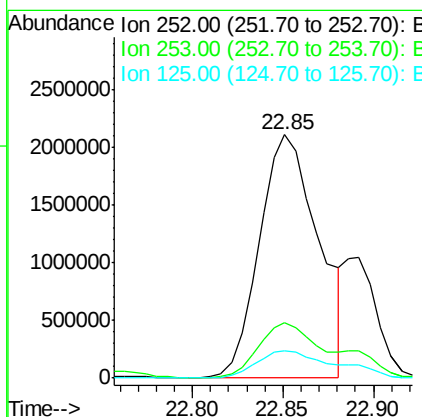
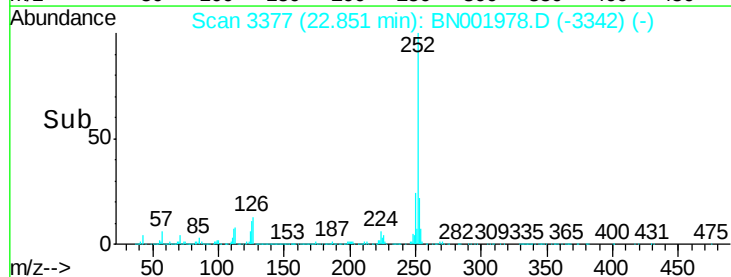
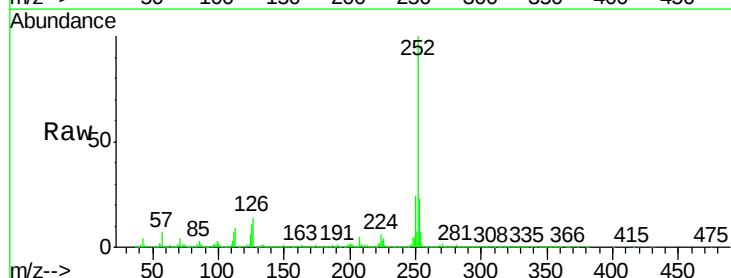
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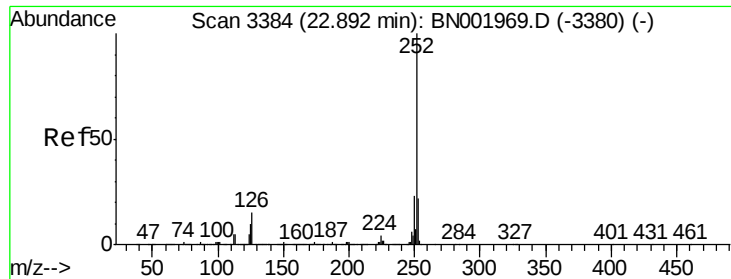
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#85
Benzo(b)fluoranthene
Concen: 35.442 ng/ul
RT: 22.85 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BN001978.D
Acq: 05 Jul 2018 21:27

Tgt Ion: 252 Resp: 4789491
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 11.2 4.9 7.3#





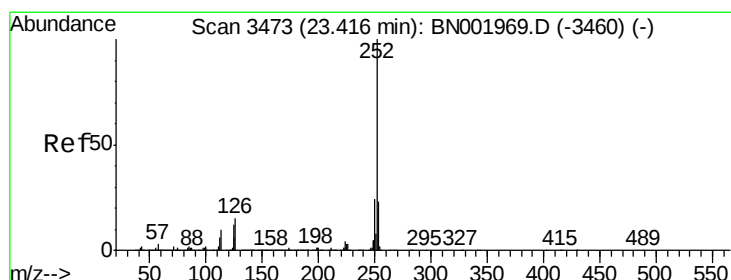
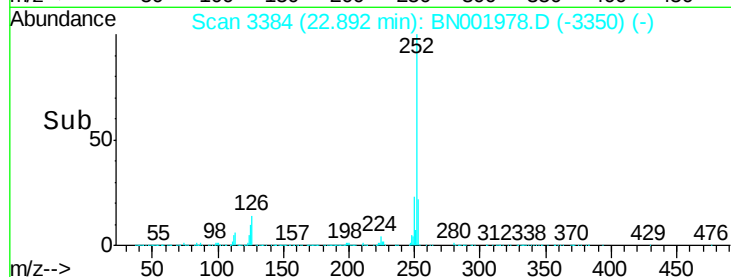
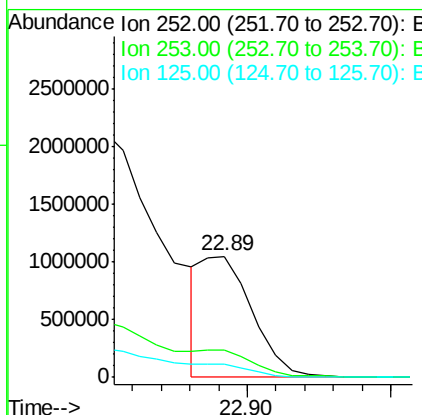
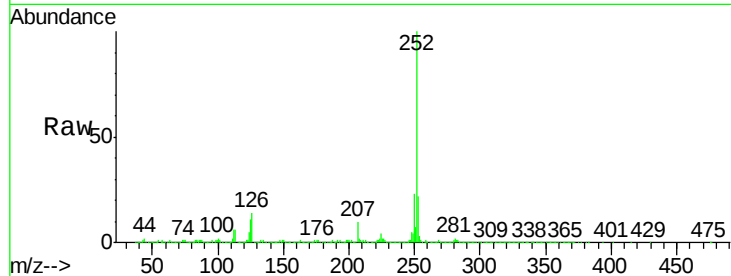
#86
Benzo(k)fluoranthene
Concen: 9.644 ng/ul m
RT: 22.89 min Scan# 3384
Delta R.T. 0.00 min
Lab File: BN001978.D
Acq: 05 Jul 2018 21:27

Instrument :
BNA_N
ClientSampled :
F1H23DL

Tgt Ion:252 Resp: 1263735
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 10.6 5.4 8.0#

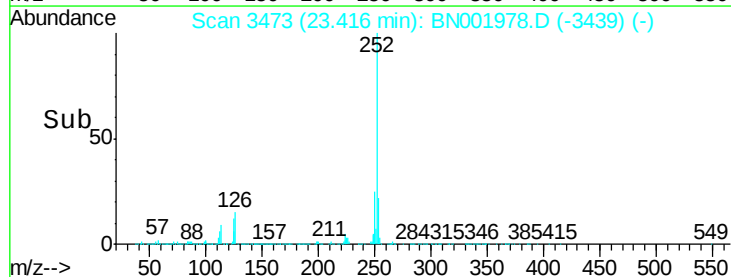
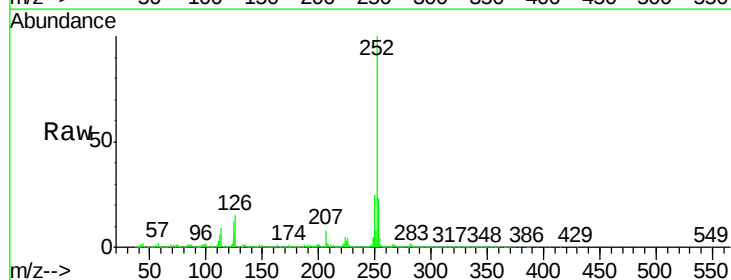
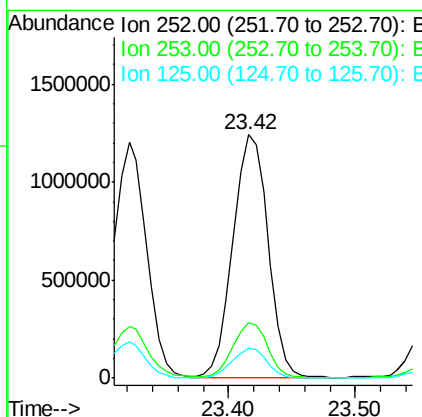
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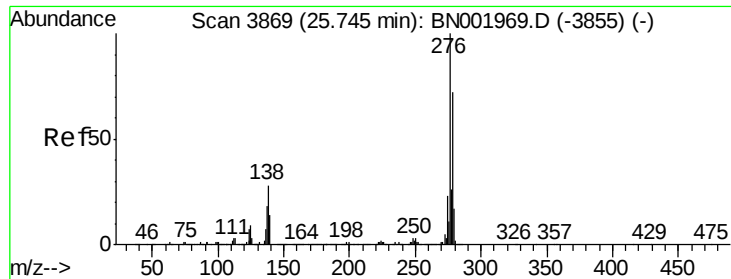
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#88
Benzo(a)pyrene
Concen: 18.761 ng/ul
RT: 23.42 min Scan# 3473
Delta R.T. 0.00 min
Lab File: BN001978.D
Acq: 05 Jul 2018 21:27

Tgt Ion:252 Resp: 2369142
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 12.1 5.8 8.6#





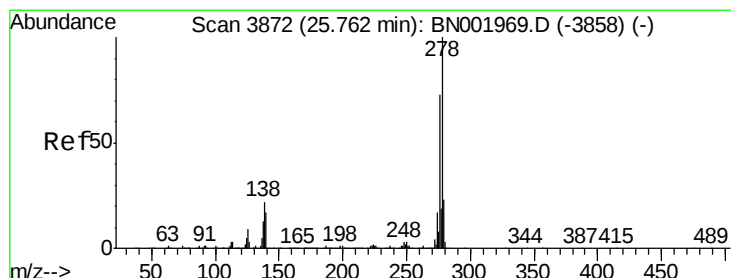
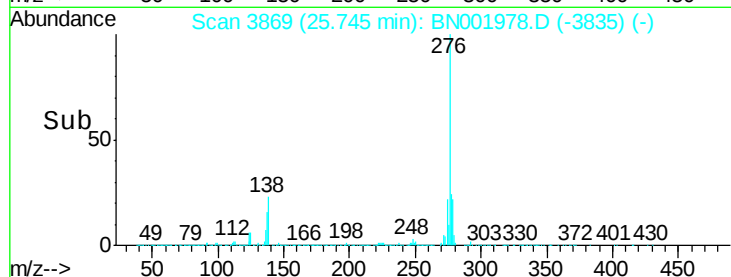
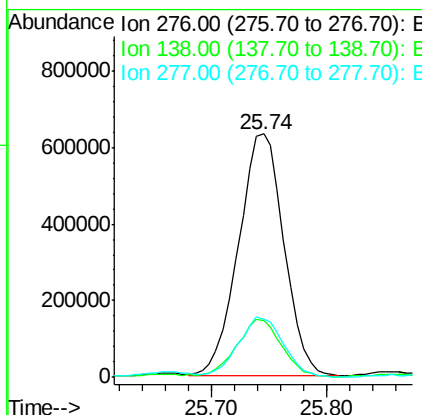
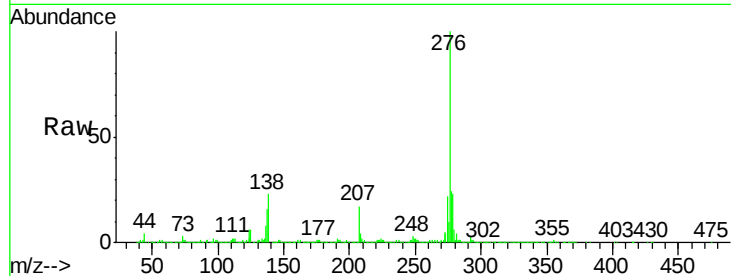
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 12.881 ng/ul
 RT: 25.74 min Scan# 3869
 Delta R.T. 0.00 min
 Lab File: BN001978.D
 Acq: 05 Jul 2018 21:27

Instrument :
 BNA_N
 ClientSampleId :
 F1H23DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	10.9	16.3#
277	24.1	18.9	28.3

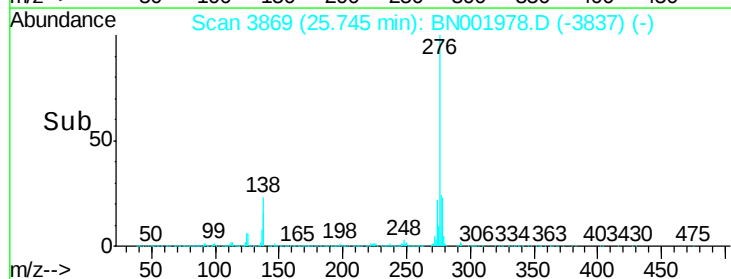
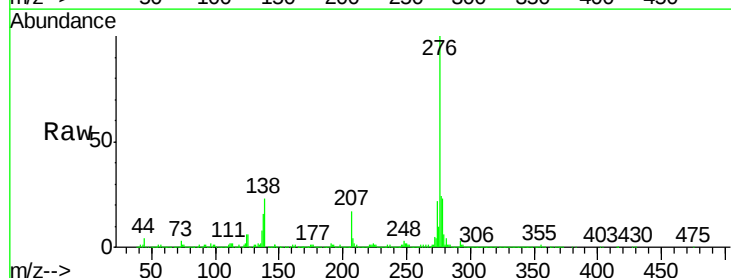
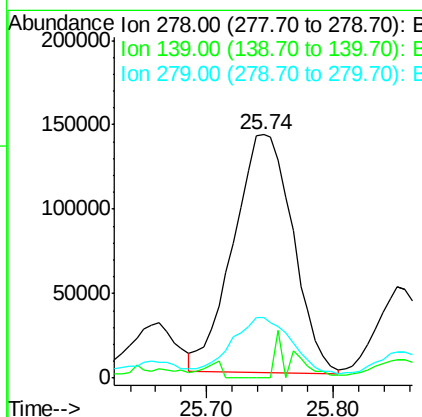
Manual Integrations
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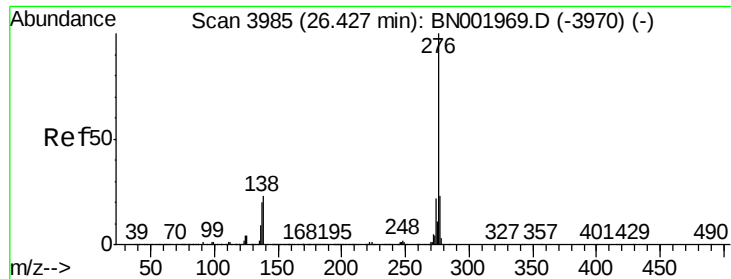
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#90
 Dibenzo(a,h)anthracene
 Concen: 4.109 ng/ul
 RT: 25.74 min Scan# 3869
 Delta R.T. -0.01 min
 Lab File: BN001978.D
 Acq: 05 Jul 2018 21:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.0	13.4#
279	24.6	19.1	28.7





#91

Benzo(g,h,i)perylene

Concen: 12.406 ng/ul

RT: 26.43 min Scan# 3985

Delta R.T. 0.01 min

Lab File: BN001978.D

Acq: 05 Jul 2018 21:27

Instrument :

BNA_N

ClientSampleId :

F1H23DL

Tgt Ion: 276 Resp: 1375157

Ion Ratio Lower Upper

276 100

138 22.8 11.2 16.8#

277 24.2 19.0 28.6

Manual Integrations

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