

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN032218\
 Data File : BN000541.D
 Acq On : 22 Mar 2018 15:37
 Operator : JU/SJ
 Sample : J1905-15DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DAM50DL

Manual Integrations
 APPROVED

Sohil
 3/23/2018 3:49:35 PM

Quant Time: Mar 23 11:12:28 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 23 02:22:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	149927	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	628125	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	350420	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.78	188	755085	20.00	ng/ul	0.02
75) Chrysene-d12	21.88	240	809591	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	873245	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	852	0.20	ng/uL	0.00
5) Phenol-d5	7.57	99	17896	1.28	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.72	67	32090	3.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	31955	3.02	ng/ul	0.00
13) 4-Methylphenol-d8	9.14	113	24868	2.28	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	23095	4.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	16992	3.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.88	165	34263	3.62	ng/ul	0.01
29) 4-Chloroaniline-d4	11.35	131	46197	4.75	ng/ul	-0.03
43) Dimethylphthalate-d6	14.42	166	104763	3.78	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	134516	3.68	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	22966	4.47	ng/ul	0.00
57) Fluorene-d10	16.02	176	90609	3.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.15	200	41347	9.56	ng/ul	0.02
70) Anthracene-d10	17.87	188	137191	3.78	ng/ul	0.01
76) Pyrene-d10	20.12	212	150241	3.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	146346	3.55	ng/ul	0.00

Target Compounds

						Qvalue
21) Isophorone	10.16	82	837837	34.901	ng/ul#	95
27) 2,4-Dichlorophenol	10.91	162	15598	1.696	ng/ul#	71
28) Naphthalene	11.31	128	198107	6.006	ng/ul#	93
34) 2-Methylnaphthalene	12.89	142	315941	14.346	ng/ul	99
38) 2,4,6-Trichlorophenol	13.49	196	22447	3.143	ng/ul	97
39) 2,4,5-Trichlorophenol	13.57	196	16482	2.214	ng/ul	99
40) 1,1'-Biphenyl	13.87	154	33095	1.109	ng/ul#	85
49) Acenaphthene	15.10	153	28428	1.165	ng/ul	85
55) 2,3,4,6-Tetrachlorophenol	15.67	232	2121668	373.145	ng/ul#	84
58) Fluorene	16.08	166	42251	1.605	ng/ul#	86
68) Pentachlorophenol	17.49	266	11394327m	2655.807	ng/ul	
69) Phenanthrene	17.82	178	207476	4.770	ng/ul#	95
72) Carbazole	18.17	167	43214	1.130	ng/ul#	81
74) Fluoranthene	19.79	202	106472	2.463	ng/ul#	73
77) Pyrene	20.15	202	98549	1.667	ng/ul#	71

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

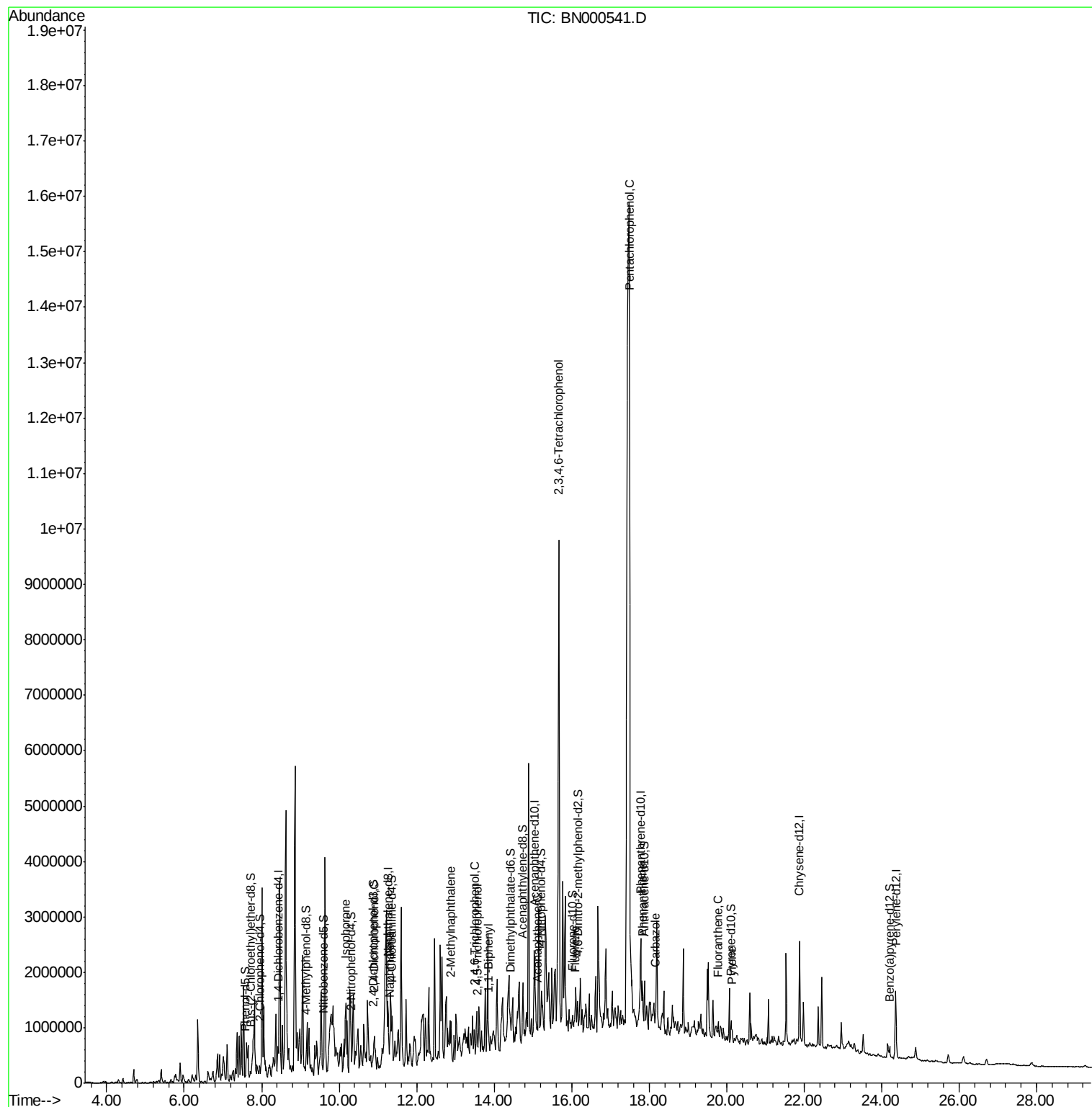
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN032218\
Data File : BN000541.D
Acq On : 22 Mar 2018 15:37
Operator : JU/SJ
Sample : J1905-15DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

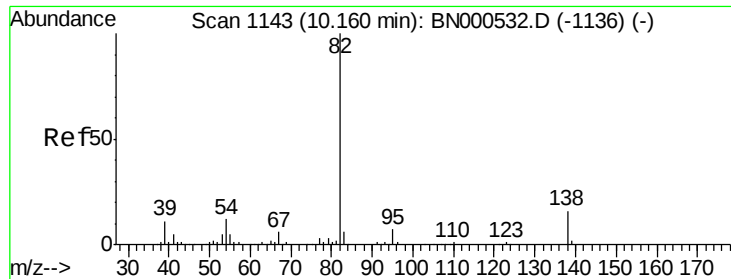
Instrument :
BNA_N
ClientSampleId :
DAM50DL

Quant Time: Mar 23 11:12:28 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 02:22:02 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
3/23/2018 3:49:35 PM





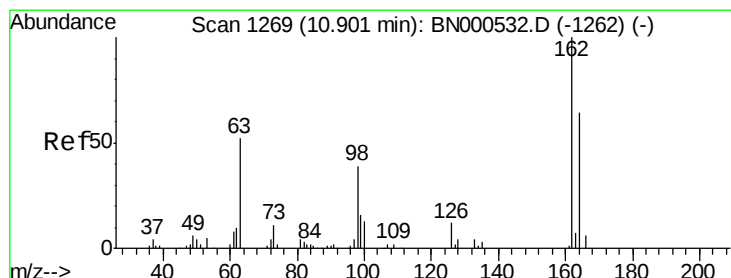
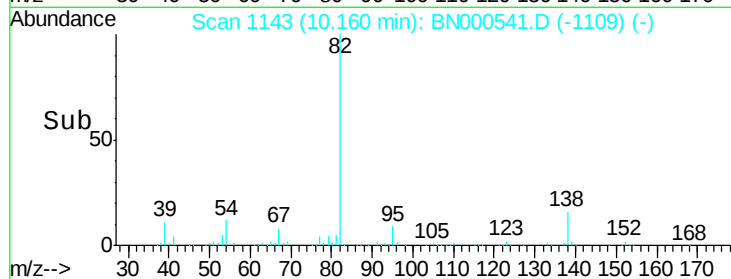
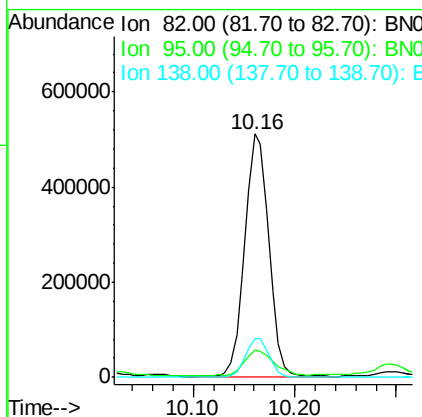
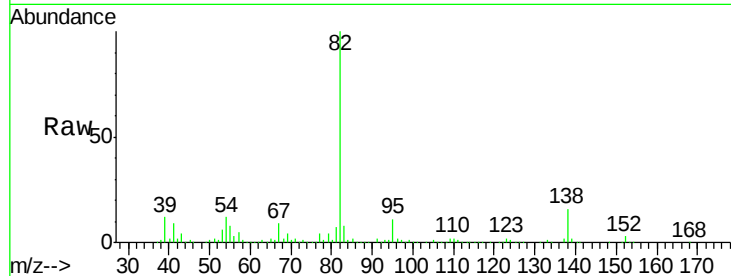
#21
Isophorone
Concen: 34.901 ng/ul
RT: 10.16 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BN000541.D
Acq: 22 Mar 2018 15:37

Instrument :
BNA_N
ClientSampleId :
DAM50DL

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
95	11.2	6.1	9.1#	
138	15.8	13.5	20.3	

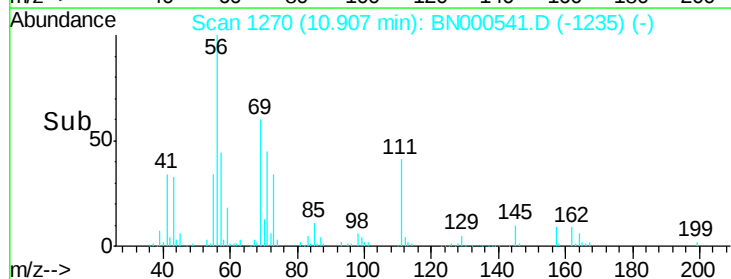
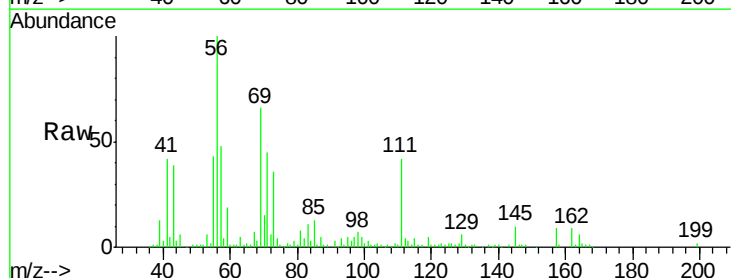
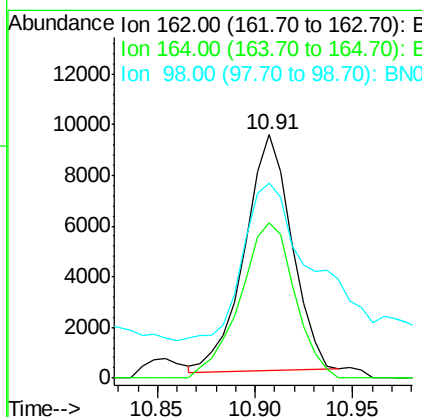
Manual Integrations
APPROVED

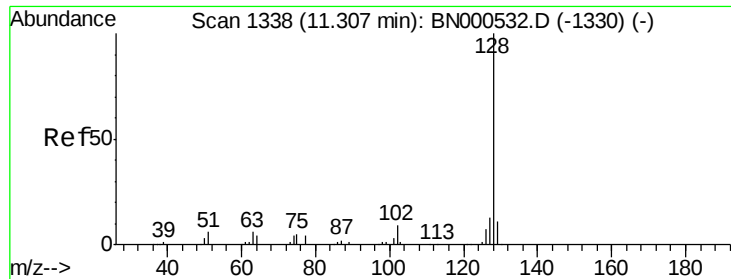
Sohil
3/23/2018 3:49:35 PM



#27
2,4-Dichlorophenol
Concen: 1.696 ng/ul
RT: 10.91 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BN000541.D
Acq: 22 Mar 2018 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.8	52.0	78.0	
98	80.0	26.6	39.8#	





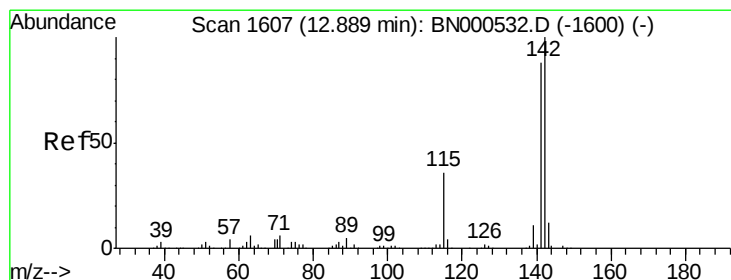
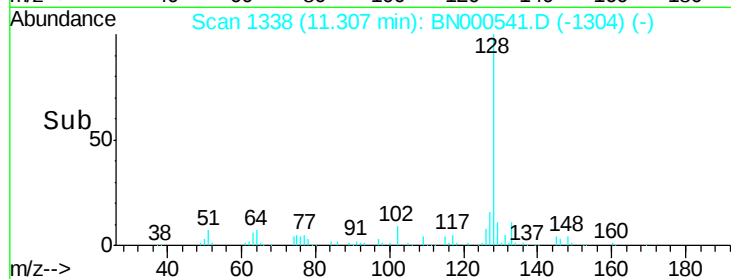
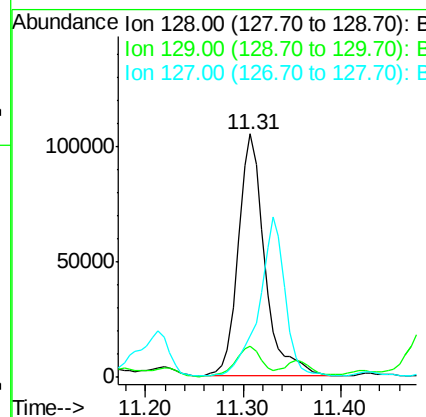
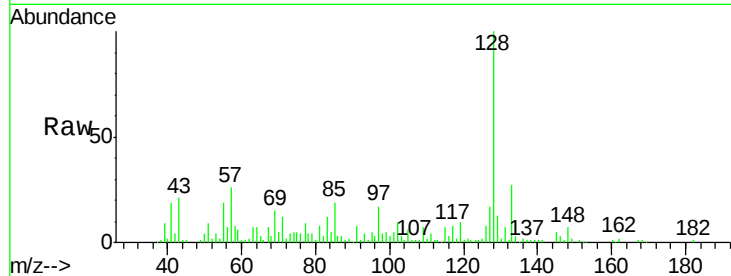
#28
Naphthalene
Concen: 6.006 ng/ul
RT: 11.31 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BN000541.D
Acq: 22 Mar 2018 15:37

Instrument :
BNA_N
ClientSampled :
DAM50DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.3	12.5#
127	16.8	10.8	16.2#

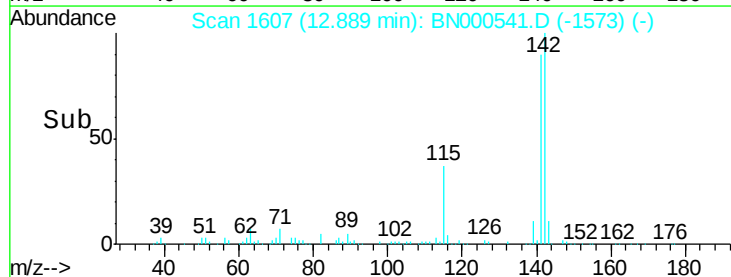
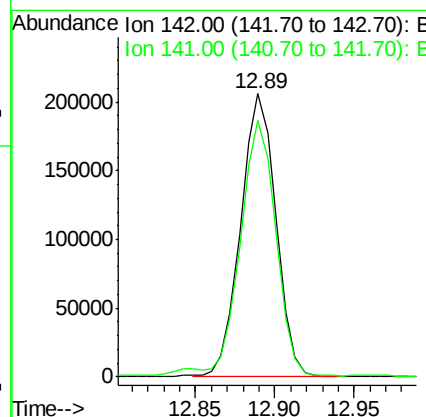
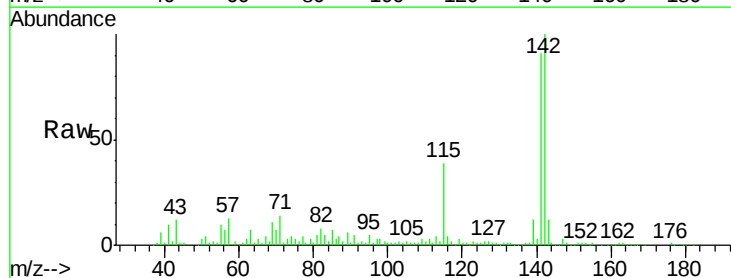
Manual Integrations
APPROVED

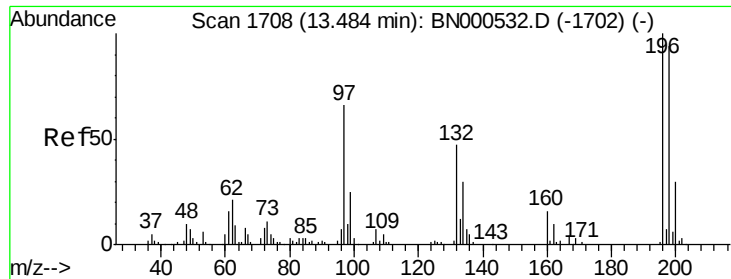
Sohil
3/23/2018 3:49:35 PM



#34
2-Methylnaphthalene
Concen: 14.346 ng/ul
RT: 12.89 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BN000541.D
Acq: 22 Mar 2018 15:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.4	107.2





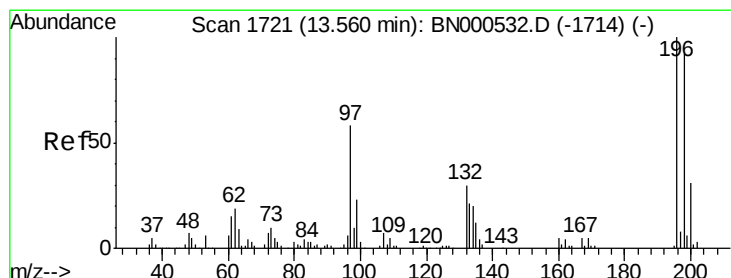
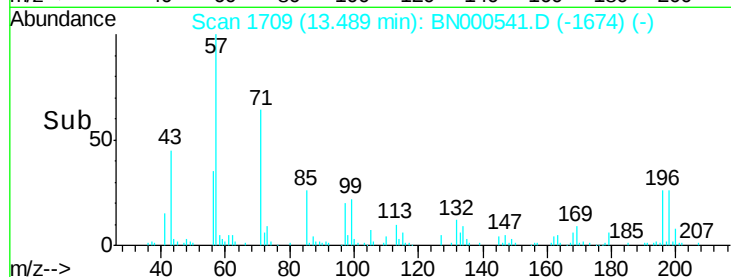
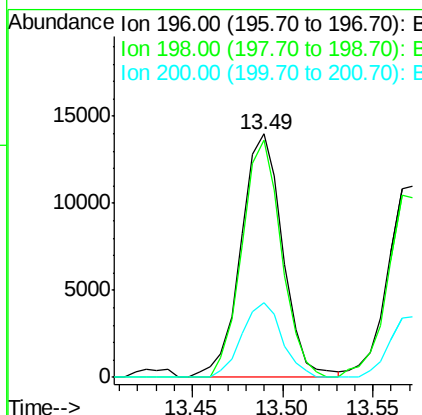
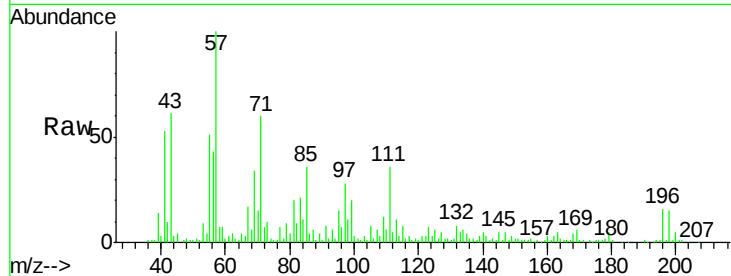
#38
 2,4,6-Trichlorophenol
 Concen: 3.143 ng/ul
 RT: 13.49 min Scan# 1709
 Delta R.T. 0.01 min
 Lab File: BN000541.D
 Acq: 22 Mar 2018 15:37

Instrument :
 BNA_N
 ClientSampleID :
 DAM50DL

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	75.9	113.9
200	30.8	25.8	38.6

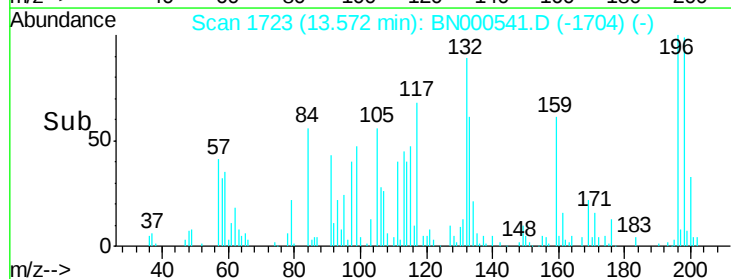
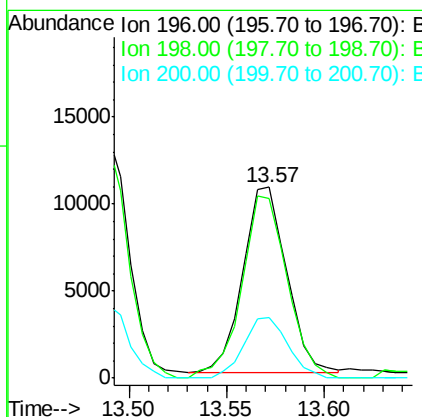
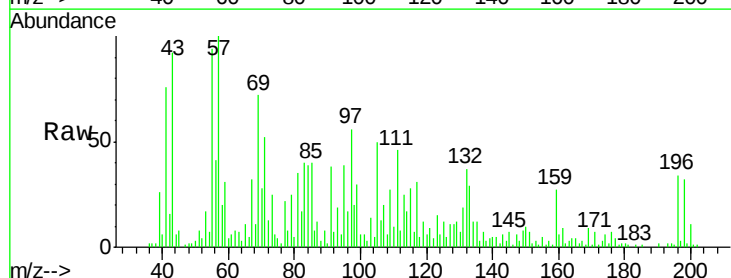
Manual Integrations
 APPROVED

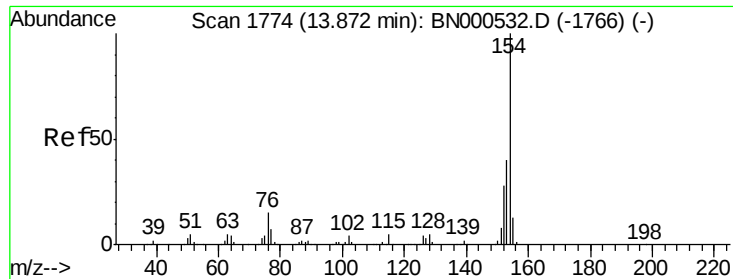
Sohil
 3/23/2018 3:49:35 PM



#39
 2,4,5-Trichlorophenol
 Concen: 2.214 ng/ul
 RT: 13.57 min Scan# 1723
 Delta R.T. 0.01 min
 Lab File: BN000541.D
 Acq: 22 Mar 2018 15:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.7	112.1
200	31.6	25.4	38.0





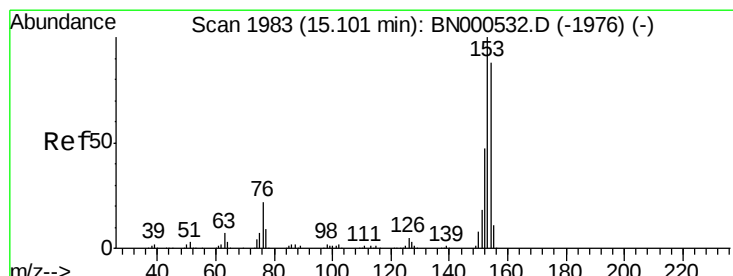
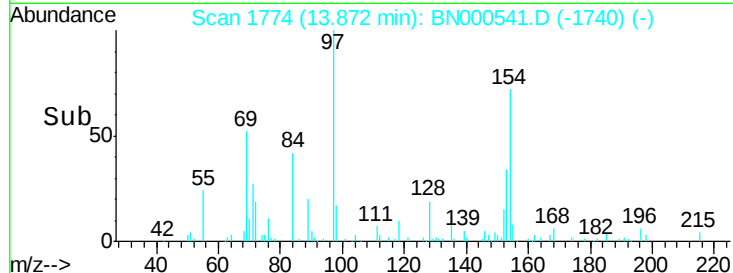
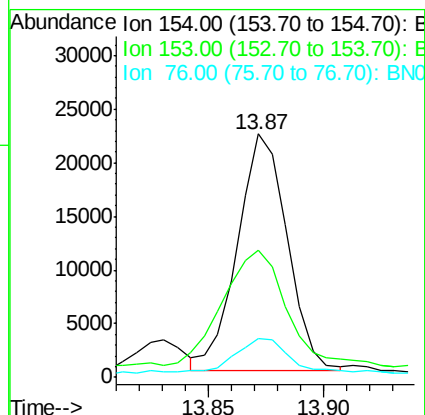
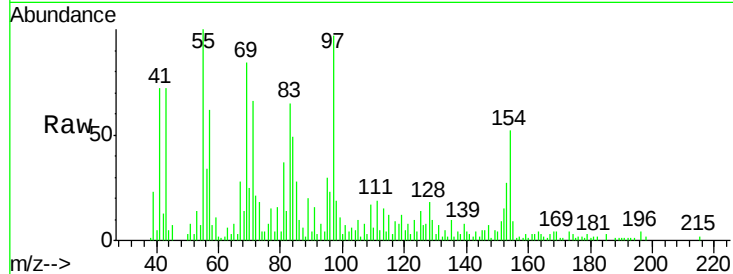
#40
 1,1'-Biphenyl
 Concen: 1.109 ng/ul
 RT: 13.87 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: BN000541.D
 Acq: 22 Mar 2018 15:37

Instrument :
 BNA_N
 ClientSampleId :
 DAM50DL

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	33095		
153	52.3	34.0	51.0#	
76	16.0	8.4	12.6#	

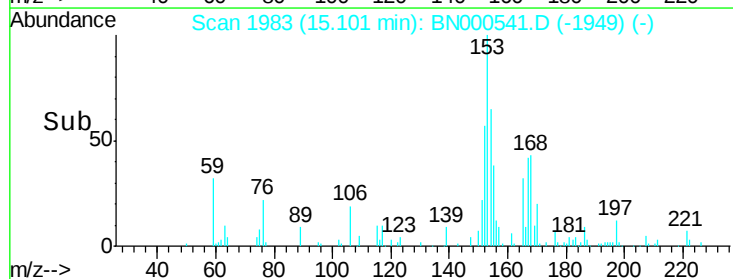
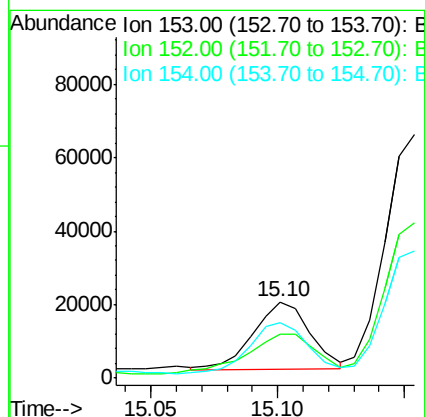
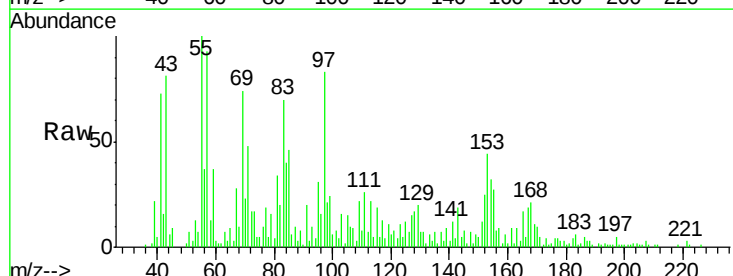
Manual Integrations
 APPROVED

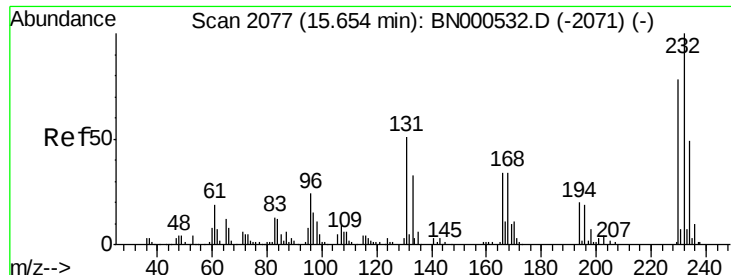
Sohil
 3/23/2018 3:49:35 PM



#49
 Acenaphthene
 Concen: 1.165 ng/ul
 RT: 15.10 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BN000541.D
 Acq: 22 Mar 2018 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	28428		
152	56.8	37.9	56.9	
154	73.4	69.8	104.6	





#55

2,3,4,6-Tetrachlorophenol

Concen: 373.145 ng/ul

RT: 15.67 min Scan# 2080

Delta R.T. 0.02 min

Lab File: BN000541.D

Acq: 22 Mar 2018 15:37

Instrument :

BNA_N

ClientSampleId :

DAM50DL

Tgt Ion:232 Resp: 2121668

Ion Ratio Lower Upper

232 100

131 45.9 48.0 72.0#

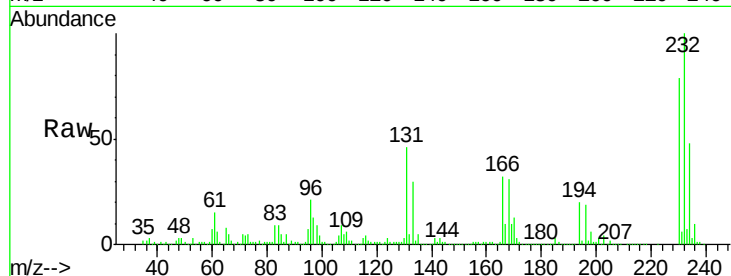
130 2.7 4.0 6.0#

166 31.8 32.0 48.0#

Manual Integrations
APPROVED

Sohil

3/23/2018 3:49:35 PM

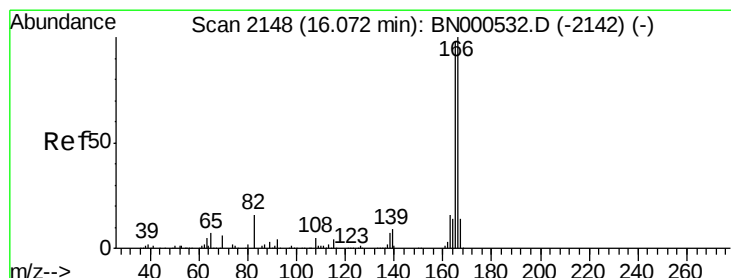
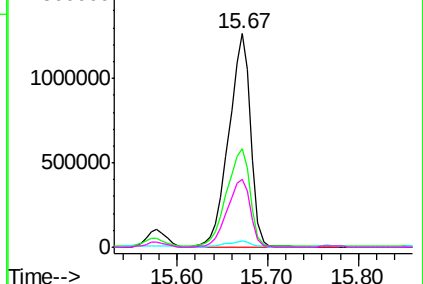
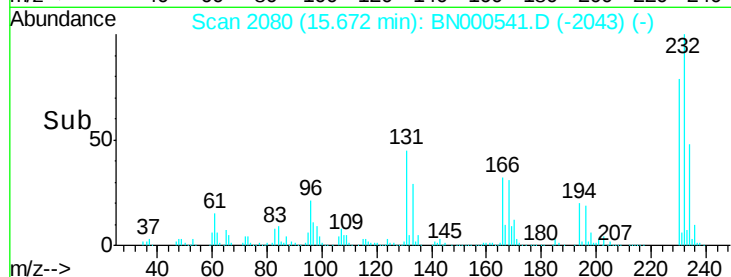


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#58

Fluorene

Concen: 1.605 ng/ul

RT: 16.08 min Scan# 2149

Delta R.T. 0.01 min

Lab File: BN000541.D

Acq: 22 Mar 2018 15:37

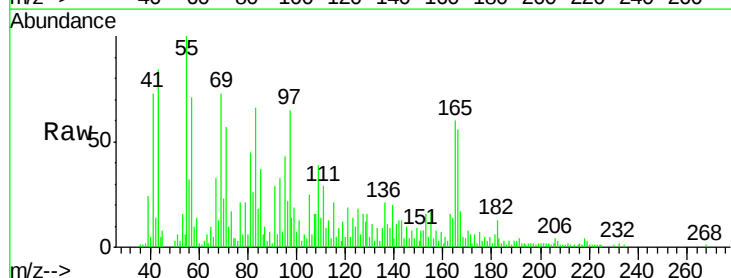
Tgt Ion:166 Resp: 42251

Ion Ratio Lower Upper

166 100

165 107.7 78.4 117.6

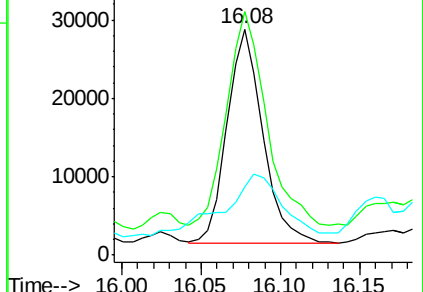
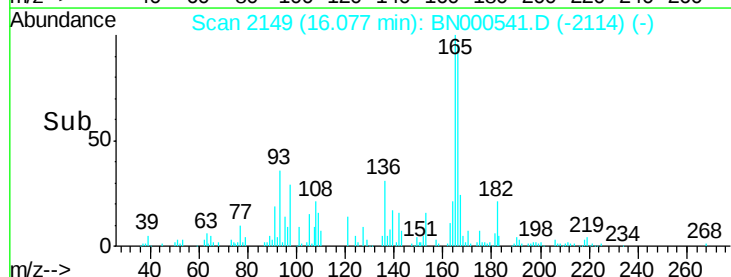
167 30.0 11.1 16.7#

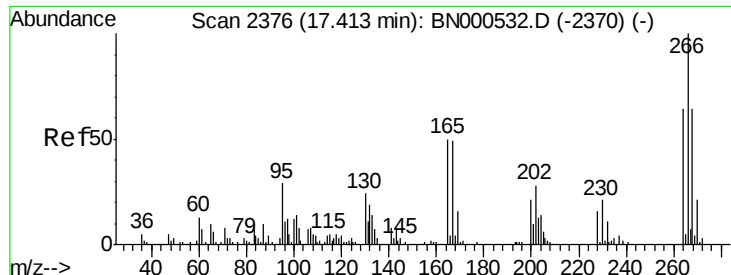


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





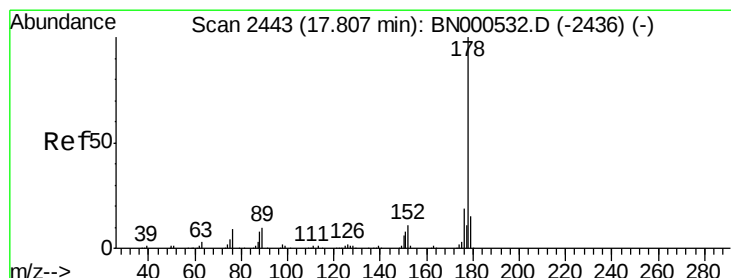
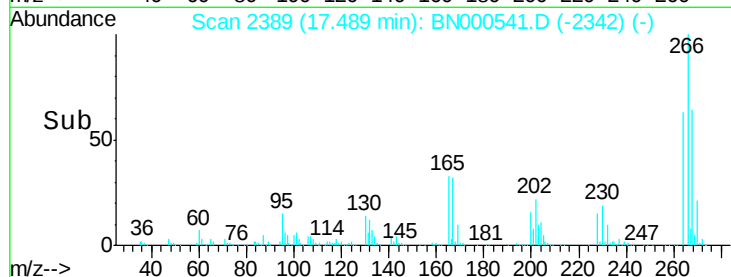
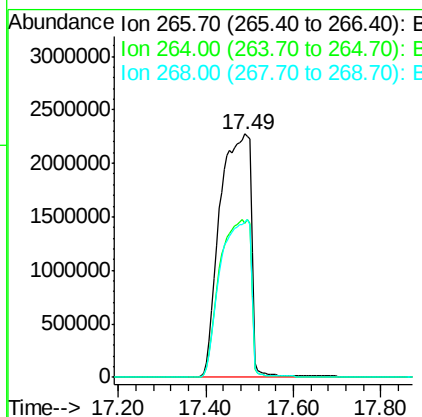
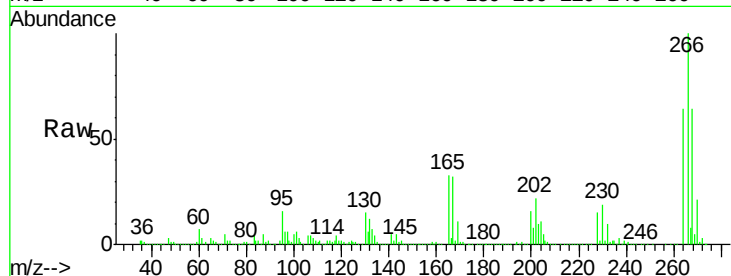
#68
 Pentachlorophenol
 Concen: 2655.807 ng/ul m
 RT: 17.49 min Scan# 2389
 Delta R.T. 0.08 min
 Lab File: BN000541.D
 Acq: 22 Mar 2018 15:37

Instrument :
 BNA_N
 ClientSampleId :
 DAM50DL

Tgt Ion:266 Resp:11394327
 Ion Ratio Lower Upper
 266 100
 264 63.5 48.2 72.4
 268 63.7 52.3 78.5

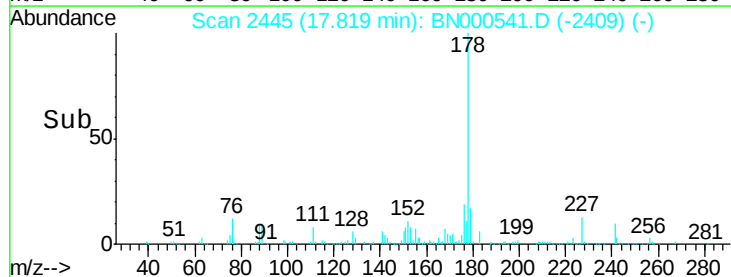
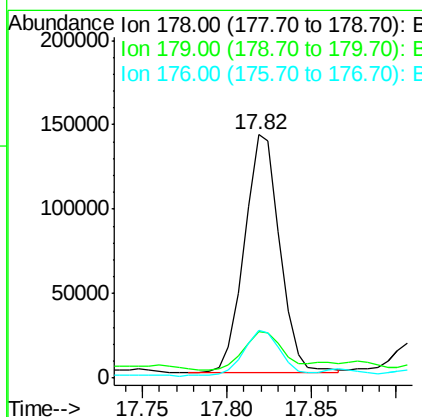
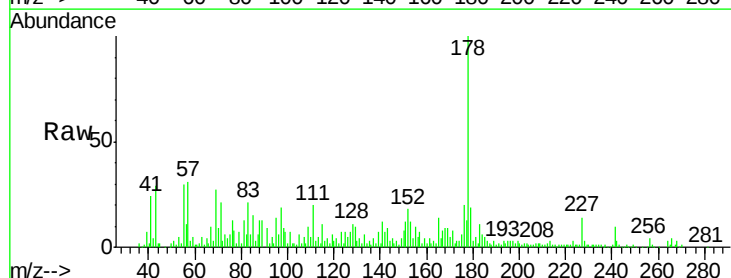
Manual Integrations
 APPROVED

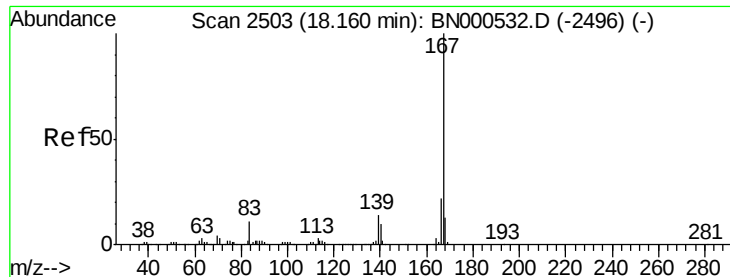
Sohil
 3/23/2018 3:49:35 PM



#69
 Phenanthrene
 Concen: 4.770 ng/ul
 RT: 17.82 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BN000541.D
 Acq: 22 Mar 2018 15:37

Tgt Ion:178 Resp: 207476
 Ion Ratio Lower Upper
 178 100
 179 19.2 12.3 18.5#
 176 19.8 15.4 23.0





#72

Carbazole

Concen: 1.130 ng/ul

RT: 18.17 min Scan# 2504

Delta R.T. 0.01 min

Lab File: BN000541.D

Acq: 22 Mar 2018 15:37

Instrument :

BNA_N

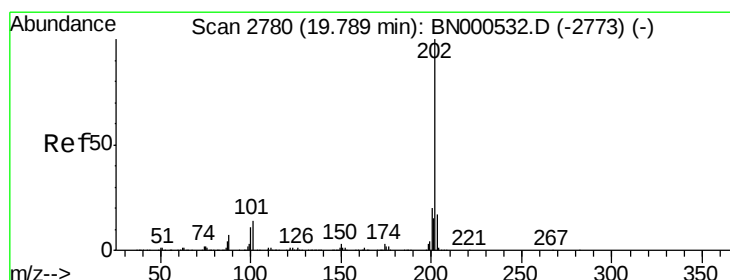
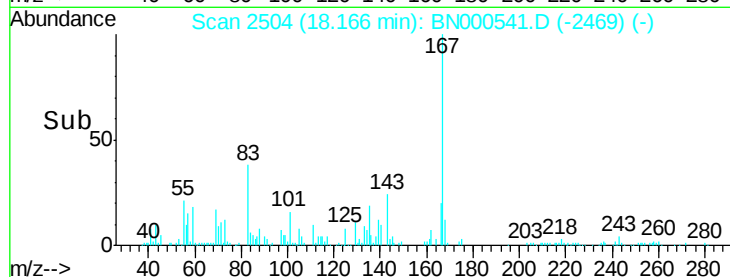
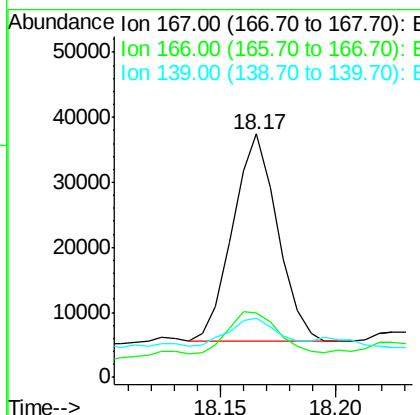
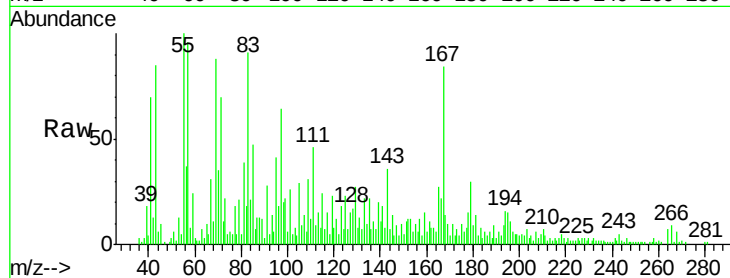
ClientSampleID :

DAM50DL

Tgt Ion:	167	Resp:	43214
Ion Ratio	Lower	Upper	
167	100		
166	26.3	17.0	25.4#
139	24.2	9.1	13.7#

Manual Integrations
APPROVED

Sohil
3/23/2018 3:49:35 PM



#74

Fluoranthene

Concen: 2.463 ng/ul

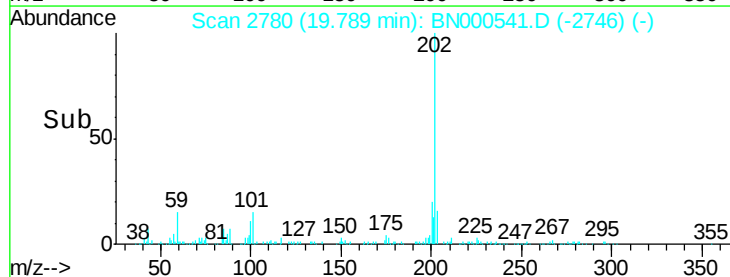
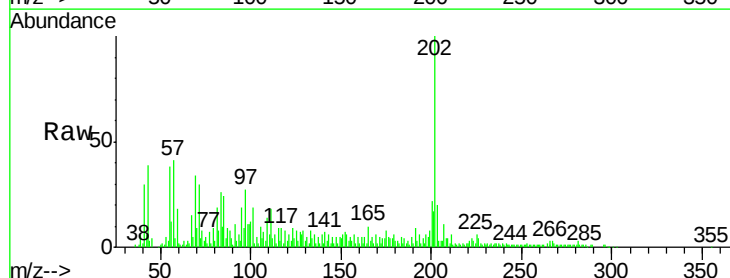
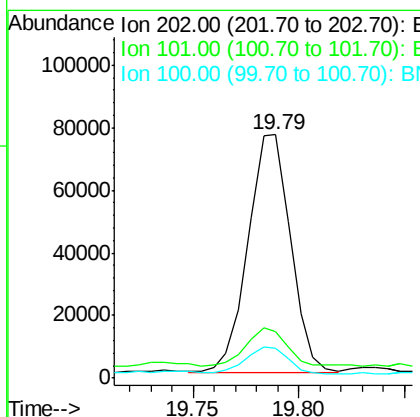
RT: 19.79 min Scan# 2780

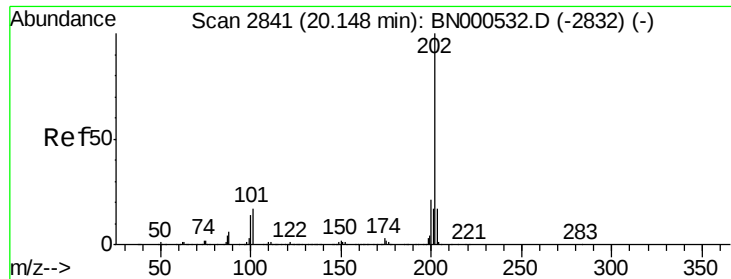
Delta R.T. -0.00 min

Lab File: BN000541.D

Acq: 22 Mar 2018 15:37

Tgt Ion:	202	Resp:	106472
Ion Ratio	Lower	Upper	
202	100		
101	19.2	6.1	9.1#
100	12.4	4.6	7.0#





#77
 Pyrene
 Concen: 1.667 ng/ul
 RT: 20.15 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: BN000541.D
 Acq: 22 Mar 2018 15:37

Instrument :
 BNA_N
 ClientSampleId :
 DAM50DL

Tgt Ion:	202	Resp:	98549
Ion Ratio	Lower	Upper	
202	100		
101	20.7	6.9	10.3#
100	15.3	5.6	8.4#

Manual Integrations
 APPROVED

Sohil
 3/23/2018 3:49:35 PM

