

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
 Data File : BM003129.D
 Acq On : 15 Nov 2015 13:11
 Operator : UM/IZ
 Sample : G4401-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC787

Manual Integrations
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 11/16/2015 3:29:19 PM

Quant Time: Nov 16 02:58:59 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 16 02:34:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	102894	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	452416	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	251164	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	549724	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	594480	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	599959	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8176	3.75	ng/uL	0.00
5) Phenol-d5	6.90	99	158055	19.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	89771	18.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	137897	20.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	133082	20.29	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	61542	22.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	66880	23.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	125620	20.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	184993	22.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	426058	22.55	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	473244	19.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	64652	20.30	ng/ul	0.00
58) Fluorene-d10	15.39	176	343574	21.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	40606	15.95	ng/ul	0.00
71) Anthracene-d10	17.23	188	521270	21.39	ng/ul	0.00
79) Pyrene-d10	19.53	212	546668	18.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	615379	21.58	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.93	94	8659	1.03	ng/ul#	86
45) Dimethylphthalate	13.85	163	434029	22.54	ng/ul	99
70) Phenanthrene	17.17	178	46561	1.50	ng/ul	98
77) Fluoranthene	19.20	202	167504	5.32	ng/ul	95
80) Pyrene	19.56	202	140517	3.61	ng/ul#	92
83) Benzo(a)anthracene	21.31	228	90057	2.76	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.24	149	21359	1.19	ng/ul	99
85) Chrysene	21.36	228	72121	2.23	ng/ul	97
88) Benzo(b)fluoranthene	22.91	252	82832	2.40	ng/ul	97
89) Benzo(k)fluoranthene	22.95	252	38872m	1.21	ng/ul	
91) Benzo(a)pyrene	23.49	252	75906m	2.32	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.86	276	39816	1.11	ng/ul#	90
94) Benzo(g,h,i)perylene	26.57	276	33179	1.02	ng/ul	93

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

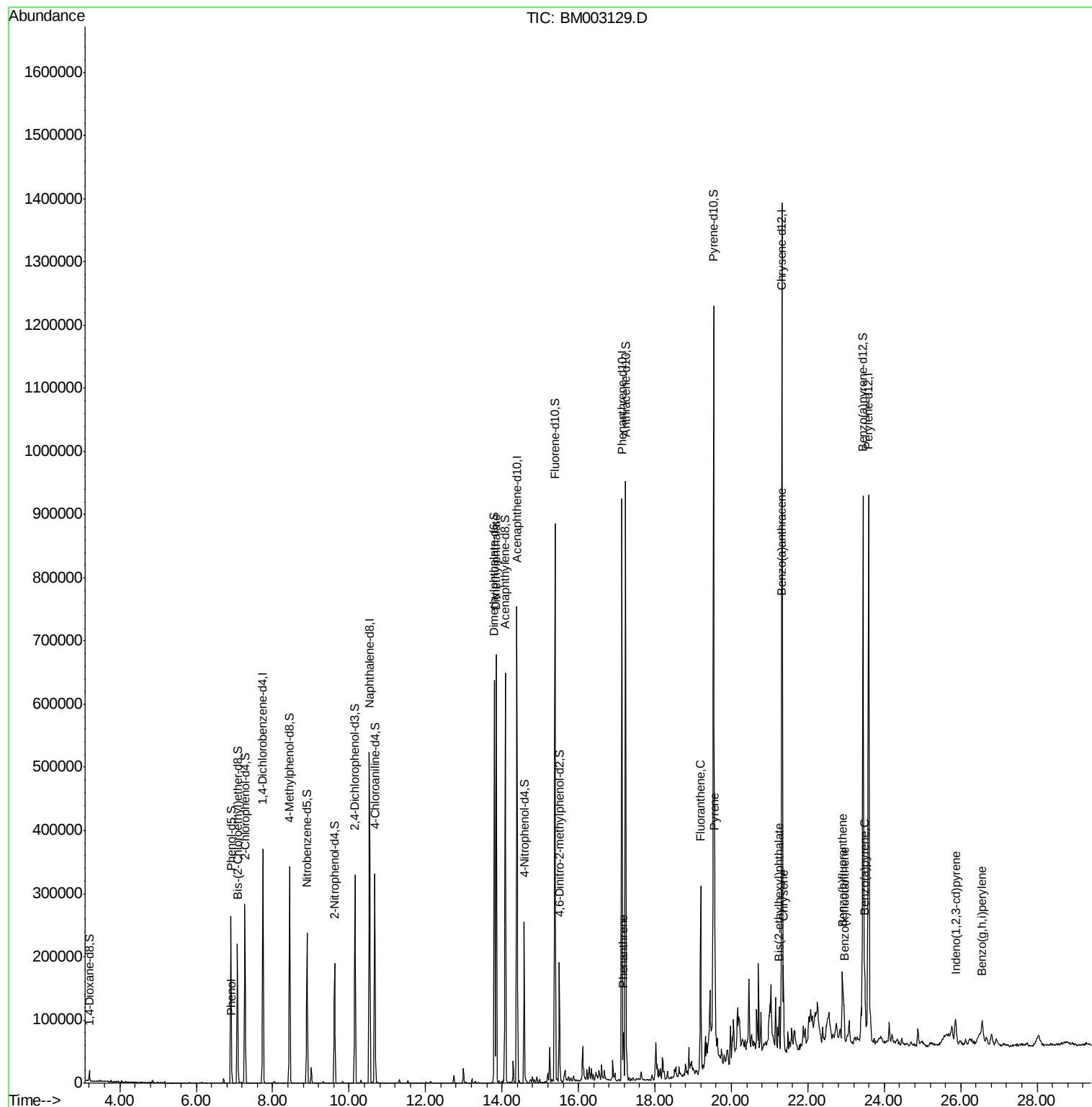
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003129.D
Acq On : 15 Nov 2015 13:11
Operator : UM/IZ
Sample : G4401-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

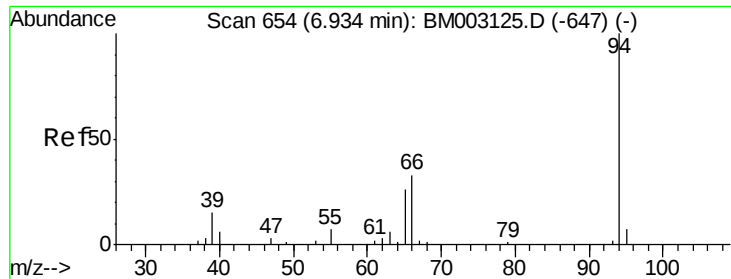
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Nov 16 02:58:59 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 02:34:54 2015
Response via : Initial Calibration





#6

Phenol

Concen: 1.03 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM003129.D

Acq: 15 Nov 2015 13:11

Instrument :

BNA_M

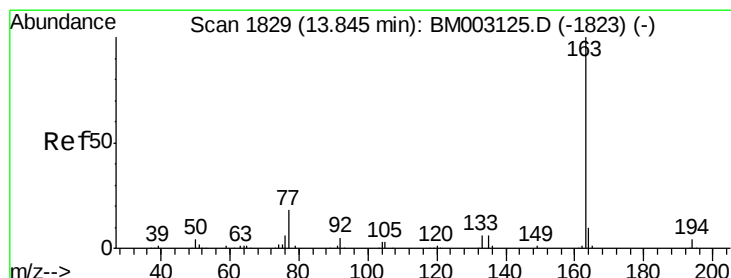
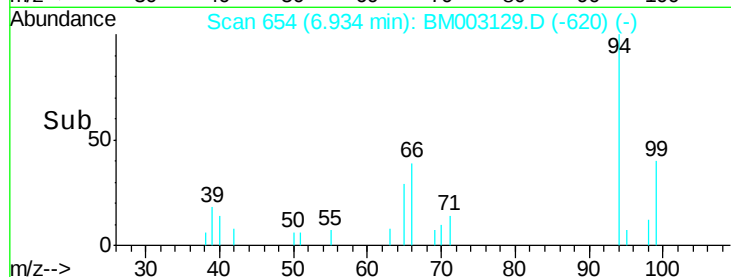
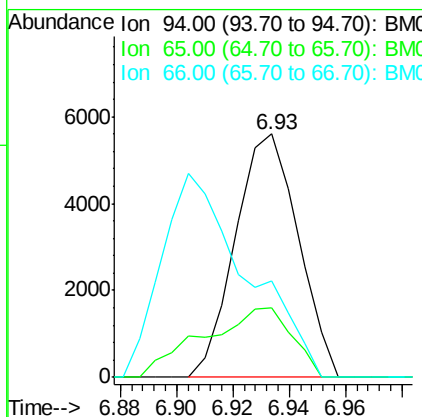
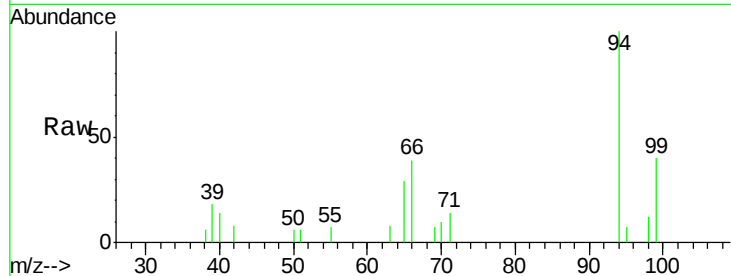
ClientSampleId :

BC787

Tgt Ion:	94	Resp:	8659
Ion	Ratio	Lower	Upper
94	100		
65	28.7	18.7	28.1#
66	39.4	24.2	36.2#

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#45

Dimethylphthalate

Concen: 22.54 ng/ul

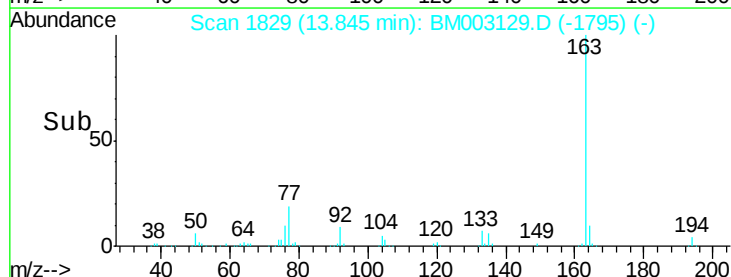
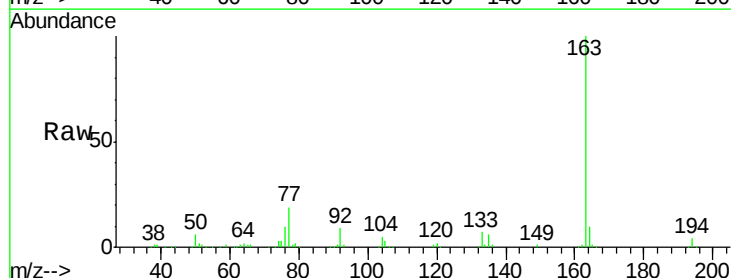
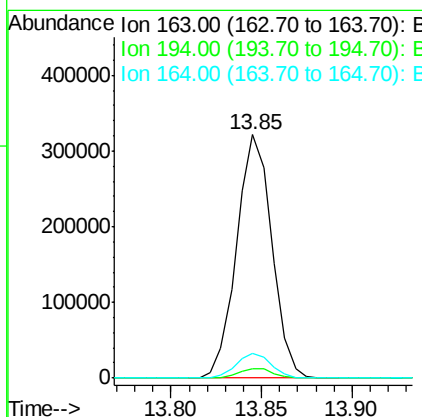
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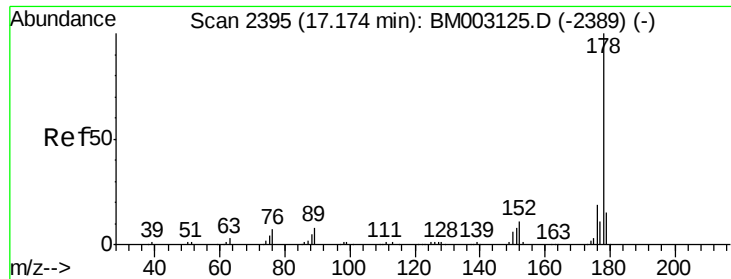
Delta R.T. 0.00 min

Lab File: BM003129.D

Acq: 15 Nov 2015 13:11

Tgt Ion:	163	Resp:	434029
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.3	7.8	11.8





#70

Phenanthrene

Concen: 1.50 ng/ul

RT: 17.17 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BM003129.D

Acq: 15 Nov 2015 13:11

Instrument :

BNA_M

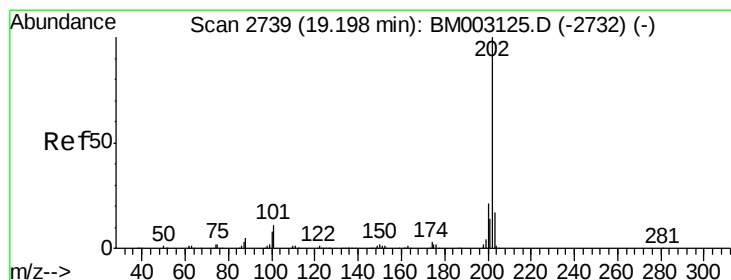
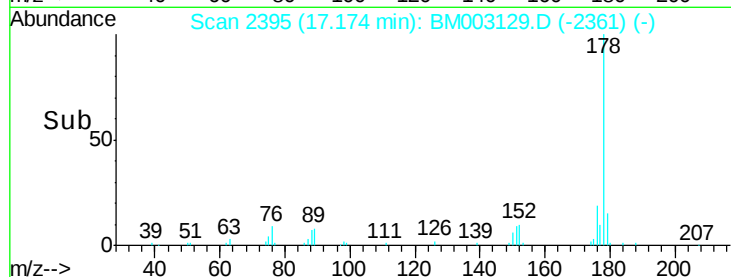
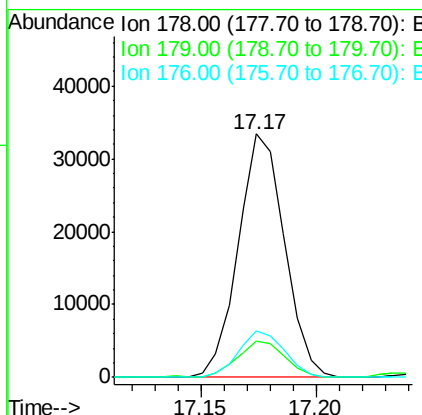
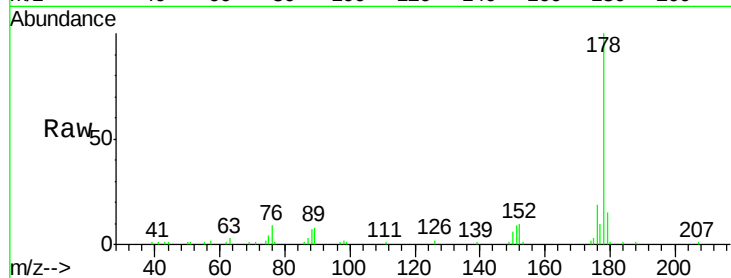
ClientSampleId :

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Tgt Ion:	178	Resp:	46561
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.2	18.4
176	19.4	14.7	22.1

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#77

Fluoranthene

Concen: 5.32 ng/ul

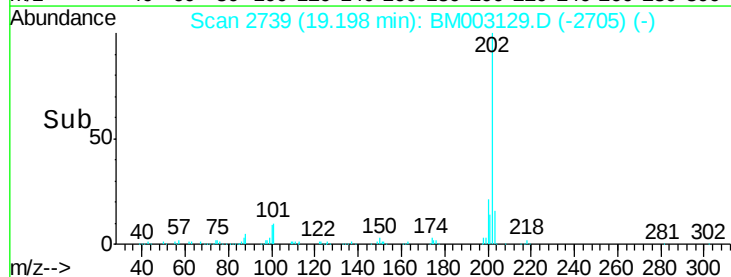
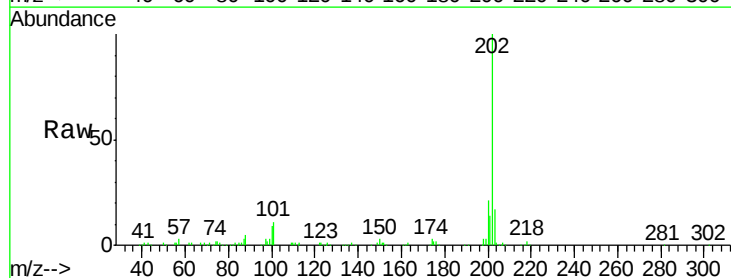
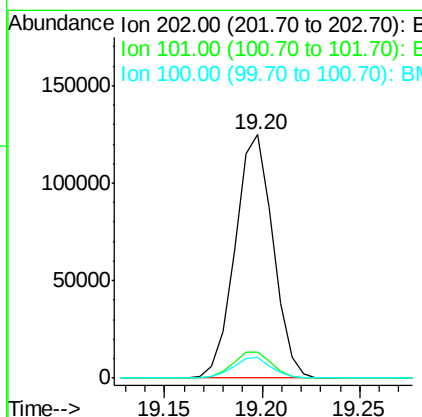
RT: 19.20 min Scan# 2739

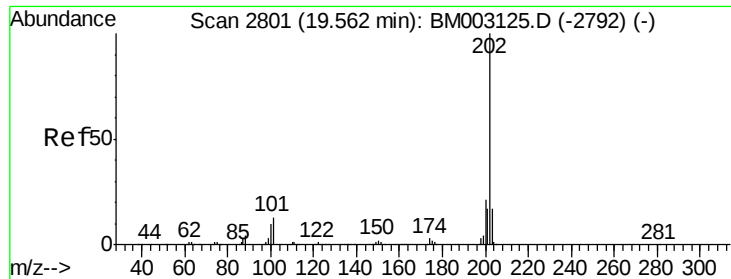
Delta R.T. 0.00 min

Lab File: BM003129.D

Acq: 15 Nov 2015 13:11

Tgt Ion:	202	Resp:	167504
Ion Ratio	Lower	Upper	
202	100		
101	10.6	10.4	15.6
100	8.6	7.8	11.6





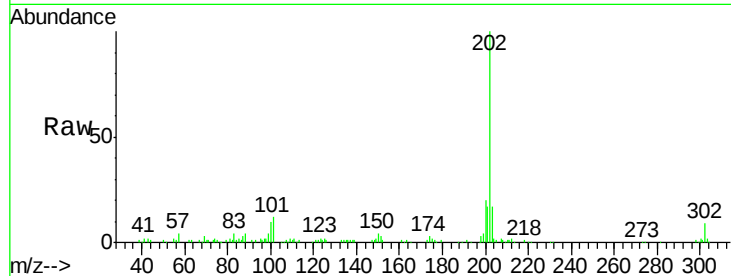
#80
Pyrene
Concen: 3.61 ng/ul
RT: 19.56 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BM003129.D
Acq: 15 Nov 2015 13:11

Instrument :
BNA_M
ClientSampleId :
BC787

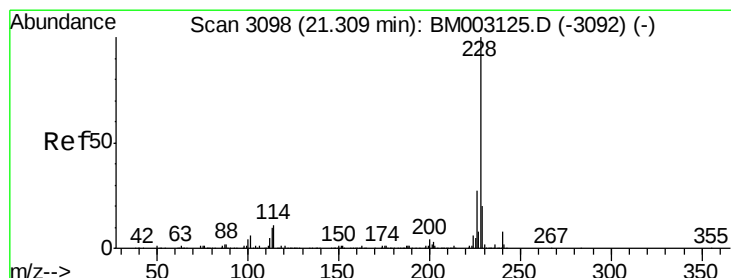
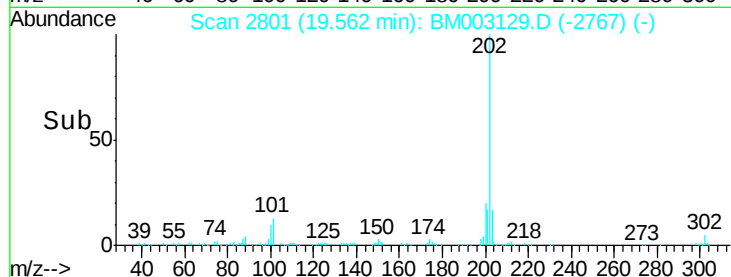
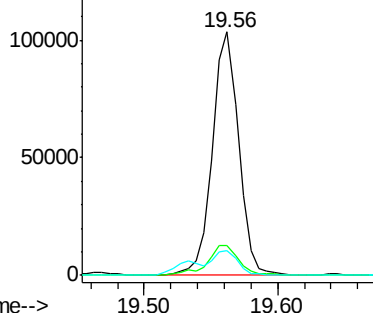
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.3	12.6	18.8#
100	10.1	10.6	15.8#

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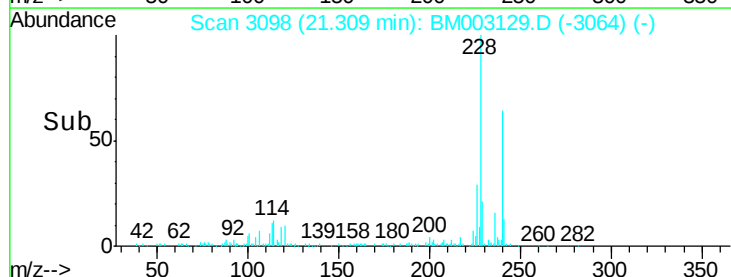
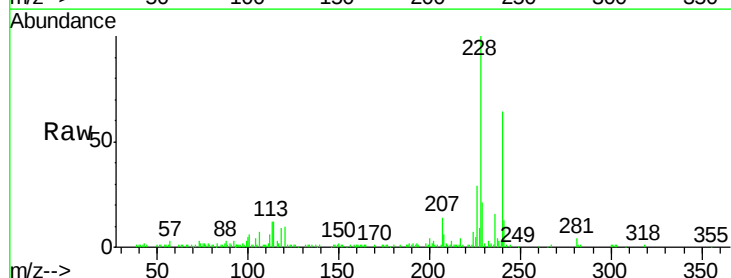
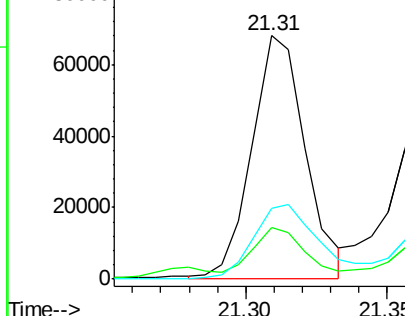
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

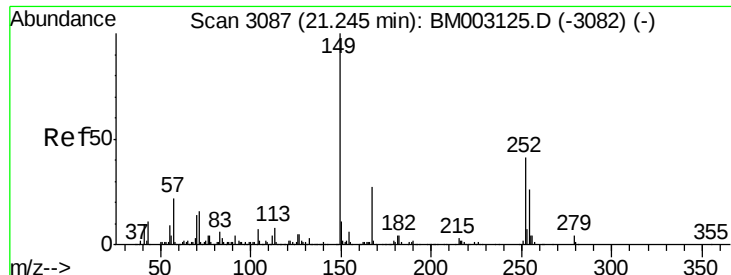


#83
Benzo(a)anthracene
Concen: 2.76 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM003129.D
Acq: 15 Nov 2015 13:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.2	15.6	23.4
226	28.8	21.0	31.6

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





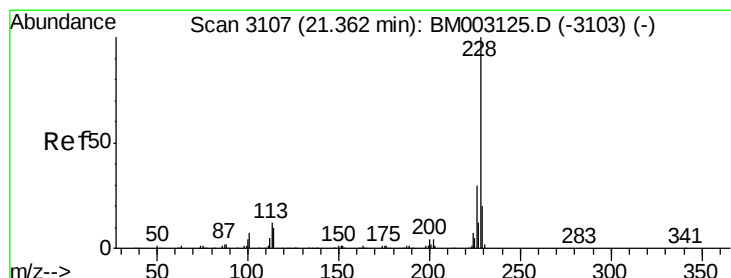
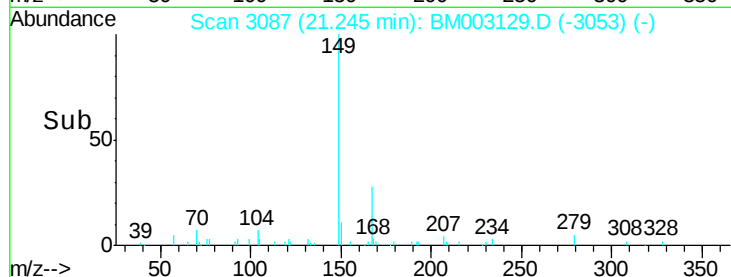
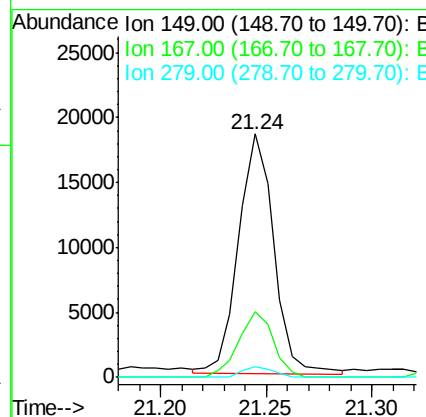
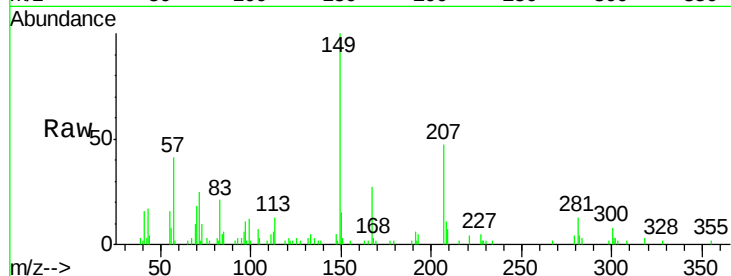
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.19 ng/ul
 RT: 21.24 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: BM003129.D
 Acq: 15 Nov 2015 13:11

Instrument :
 BNA_M
 ClientSampleId :
 BC787

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	27.0	22.0	33.0
279	4.4	3.2	4.8

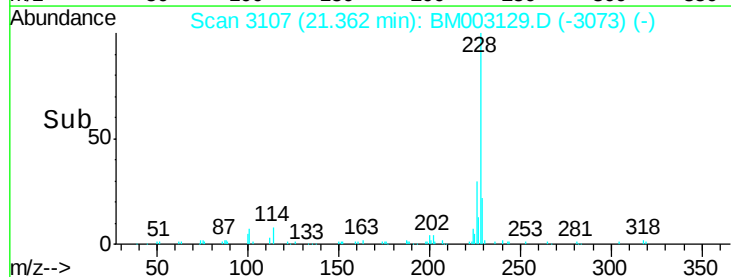
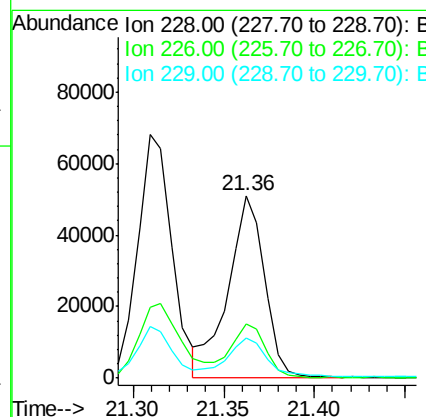
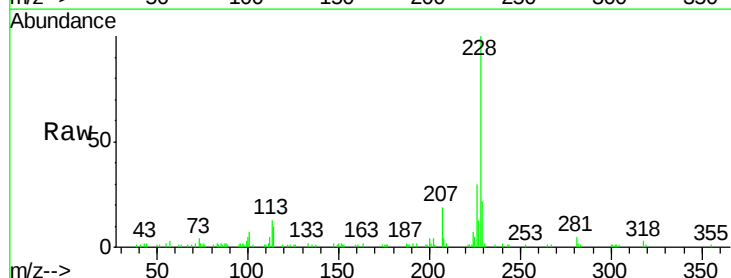
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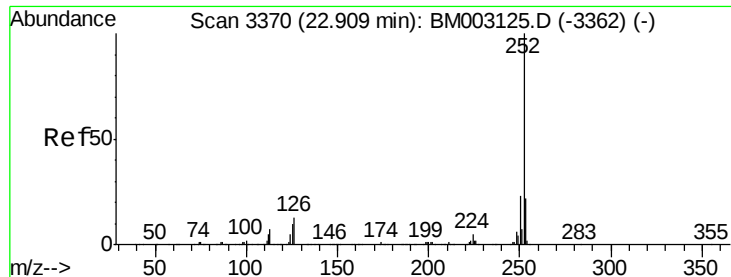
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#85
 Chrysene
 Concen: 2.23 ng/ul
 RT: 21.36 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: BM003129.D
 Acq: 15 Nov 2015 13:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.8	23.3	34.9
229	21.8	15.8	23.6





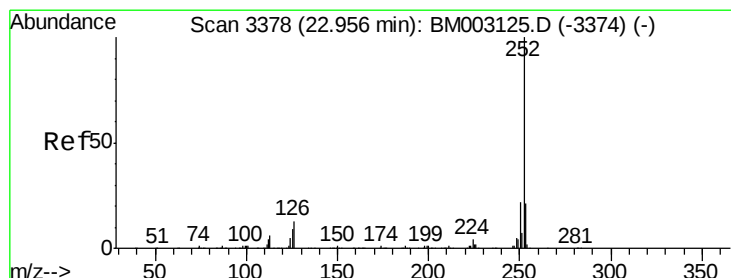
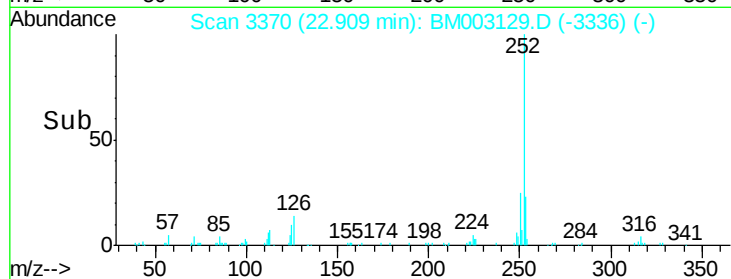
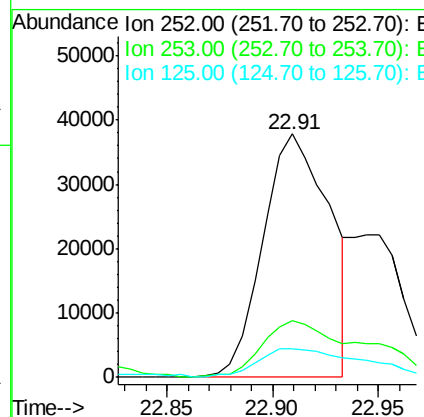
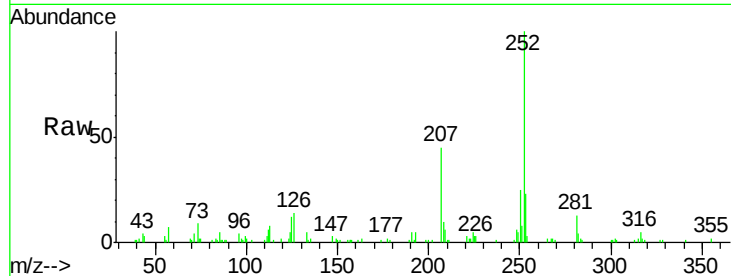
#88
Benzo(b)fluoranthene
Concen: 2.40 ng/ul
RT: 22.91 min Scan# 3370
Delta R.T. 0.00 min
Lab File: BM003129.D
Acq: 15 Nov 2015 13:11

Instrument :
BNA_M
ClientSampleId :
BC787

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.1	17.4	26.2
125	11.7	10.7	16.1

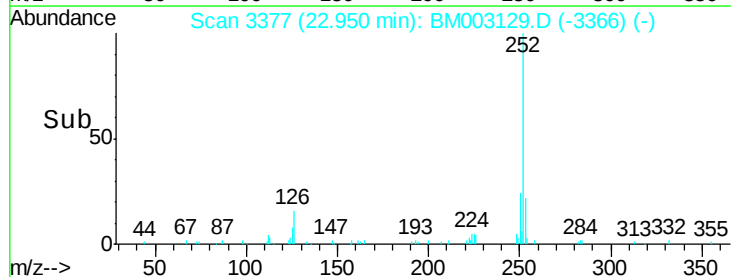
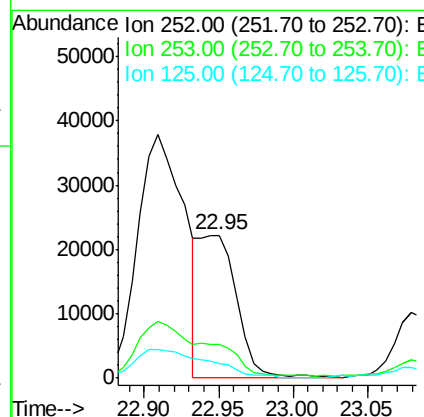
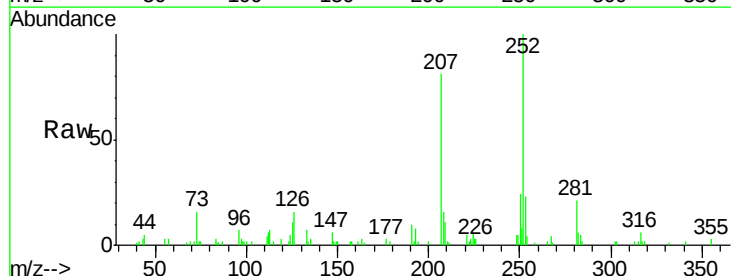
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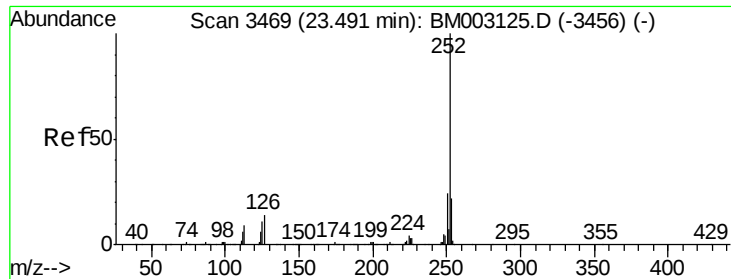
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#89
Benzo(k)fluoranthene
Concen: 1.21 ng/ul m
RT: 22.95 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM003129.D
Acq: 15 Nov 2015 13:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.3	17.4	26.0
125	10.6	11.1	16.7#





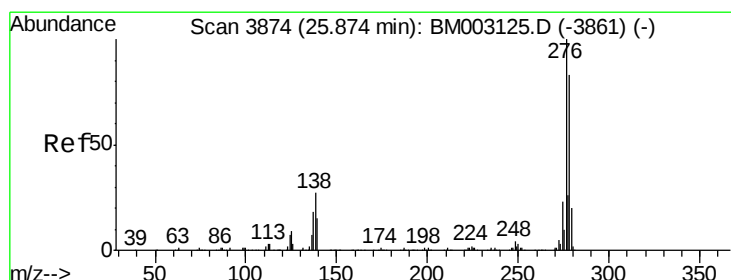
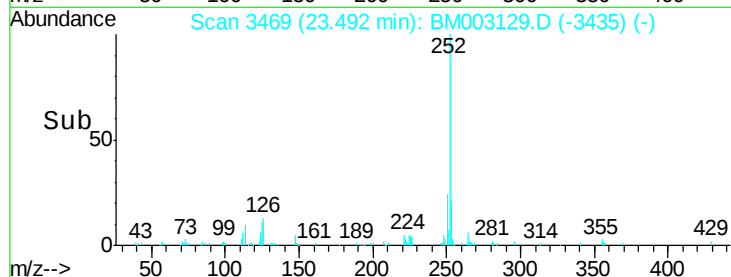
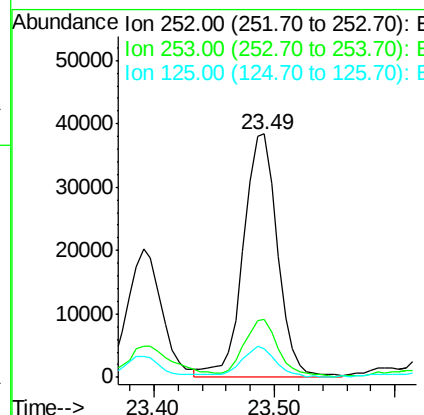
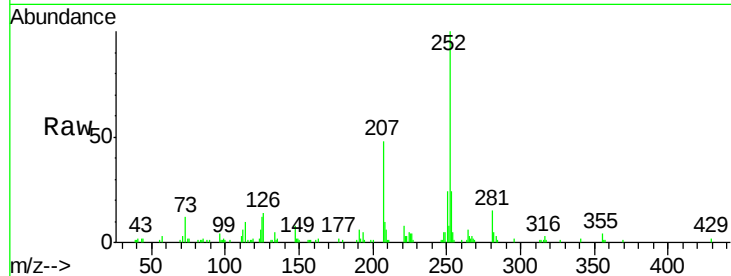
#91
Benzo(a)pyrene
Concen: 2.32 ng/ul m
RT: 23.49 min Scan# 3469
Delta R.T. 0.00 min
Lab File: BM003129.D
Acq: 15 Nov 2015 13:11

Instrument :
BNA_M
ClientSampleId :
BC787

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	11.7	11.9	17.9

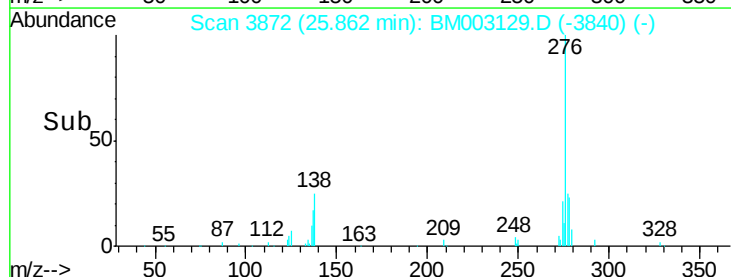
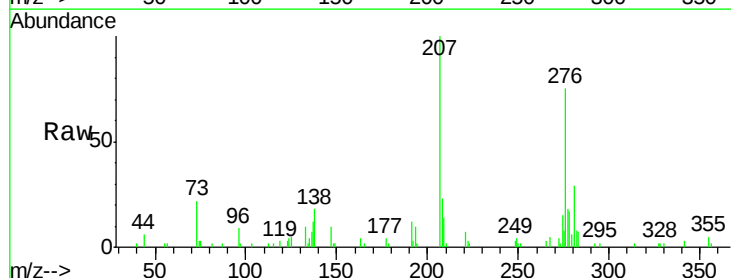
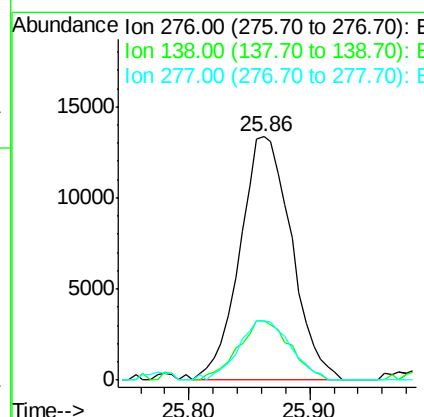
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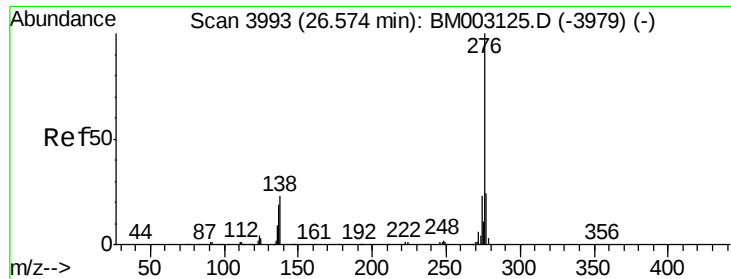
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.11 ng/ul
RT: 25.86 min Scan# 3872
Delta R.T. -0.01 min
Lab File: BM003129.D
Acq: 15 Nov 2015 13:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	26.6	40.0
277	24.1	20.2	30.4





#94
 Benzo(g,h,i)perylene
 Concen: 1.02 ng/ul
 RT: 26.57 min Scan# 3992
 Delta R.T. -0.01 min
 Lab File: BM003129.D
 Acq: 15 Nov 2015 13:11

Instrument :
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 ClientSampleId :
 BC787

Tgt Ion:	276	Resp:	33179
Ion Ratio	Lower	Upper	
276	100		
138	24.5	23.8	35.6
277	26.2	19.4	29.2

Manual Integrations
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